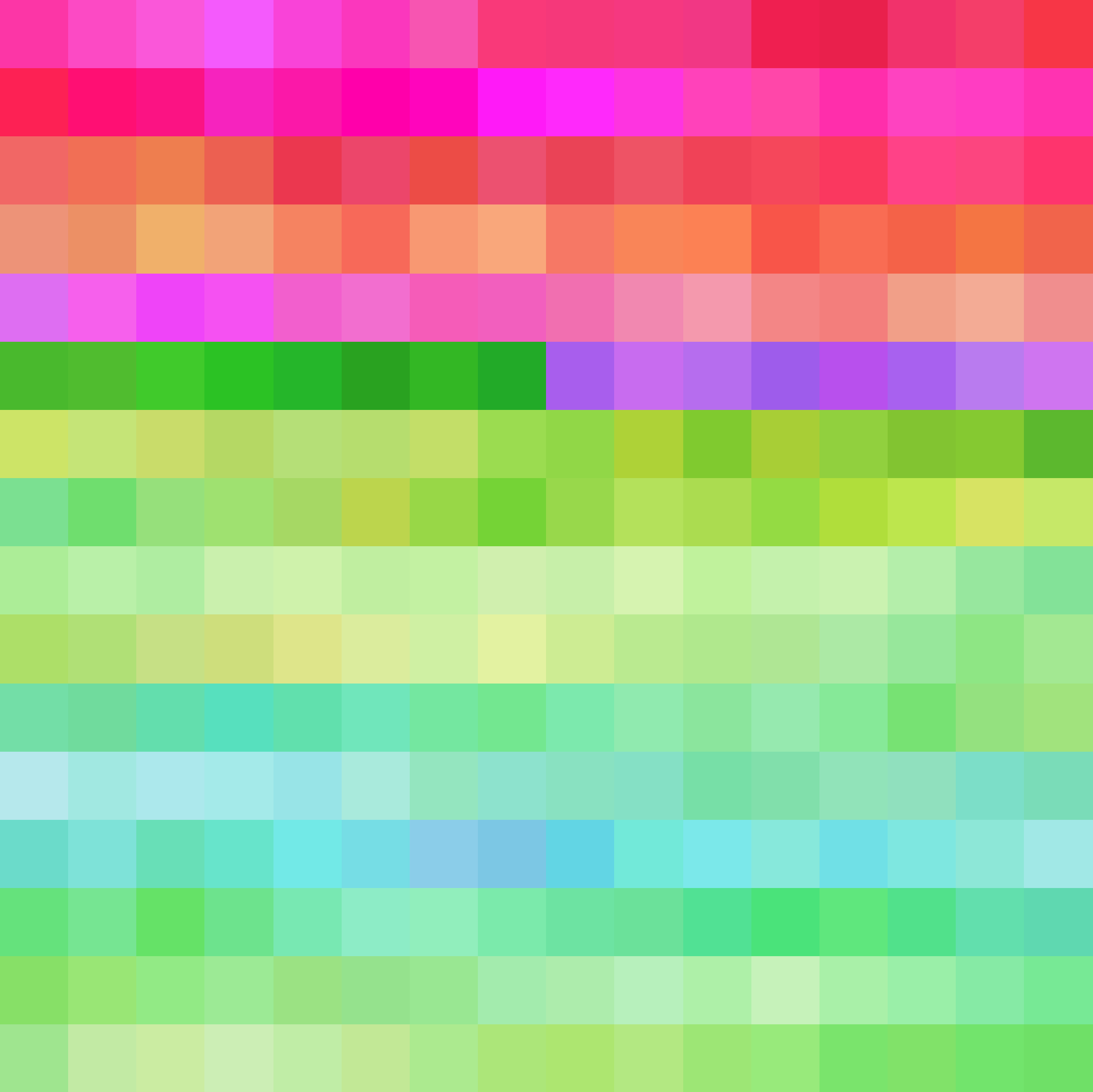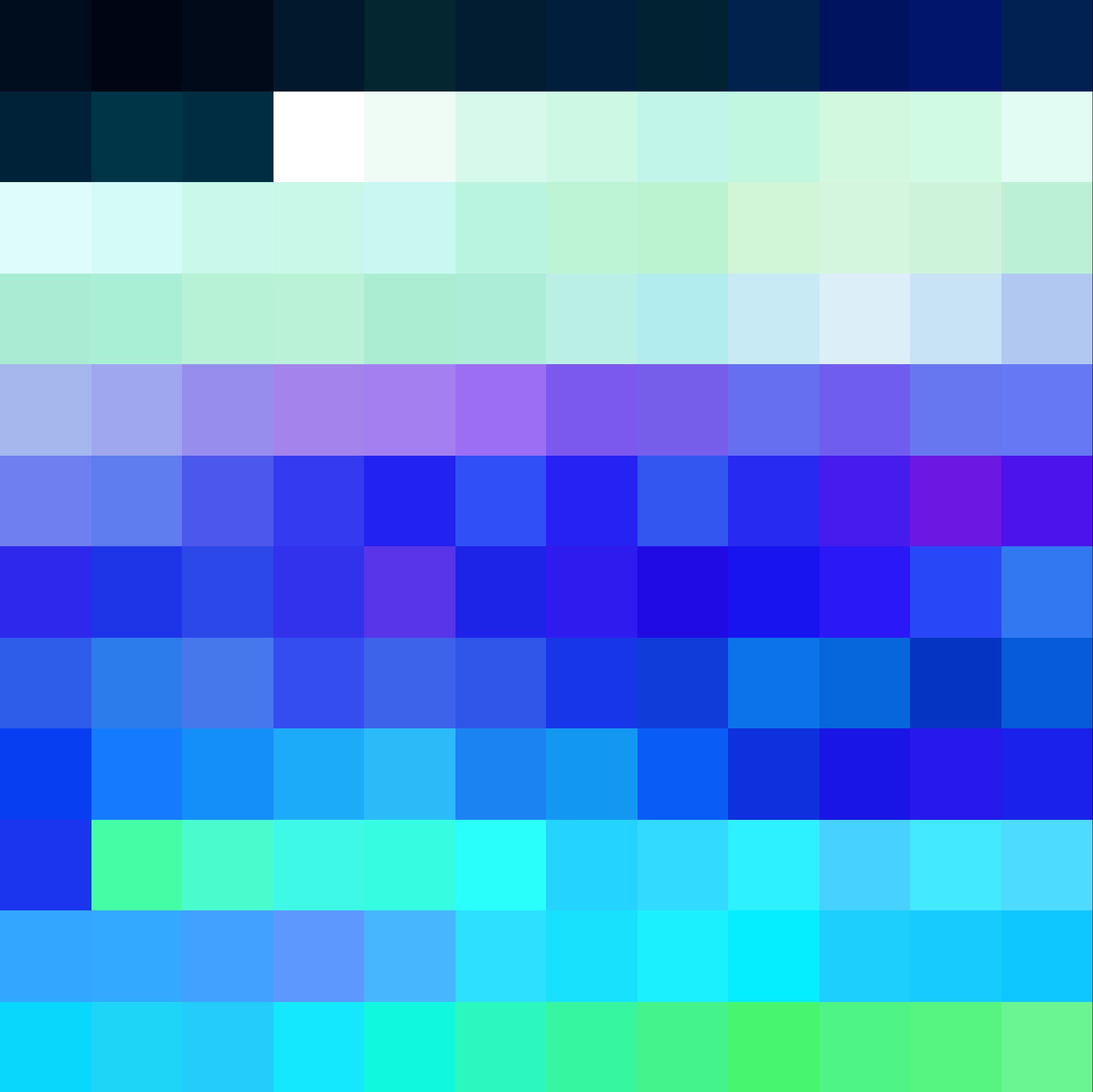# 100 random pixel gradients
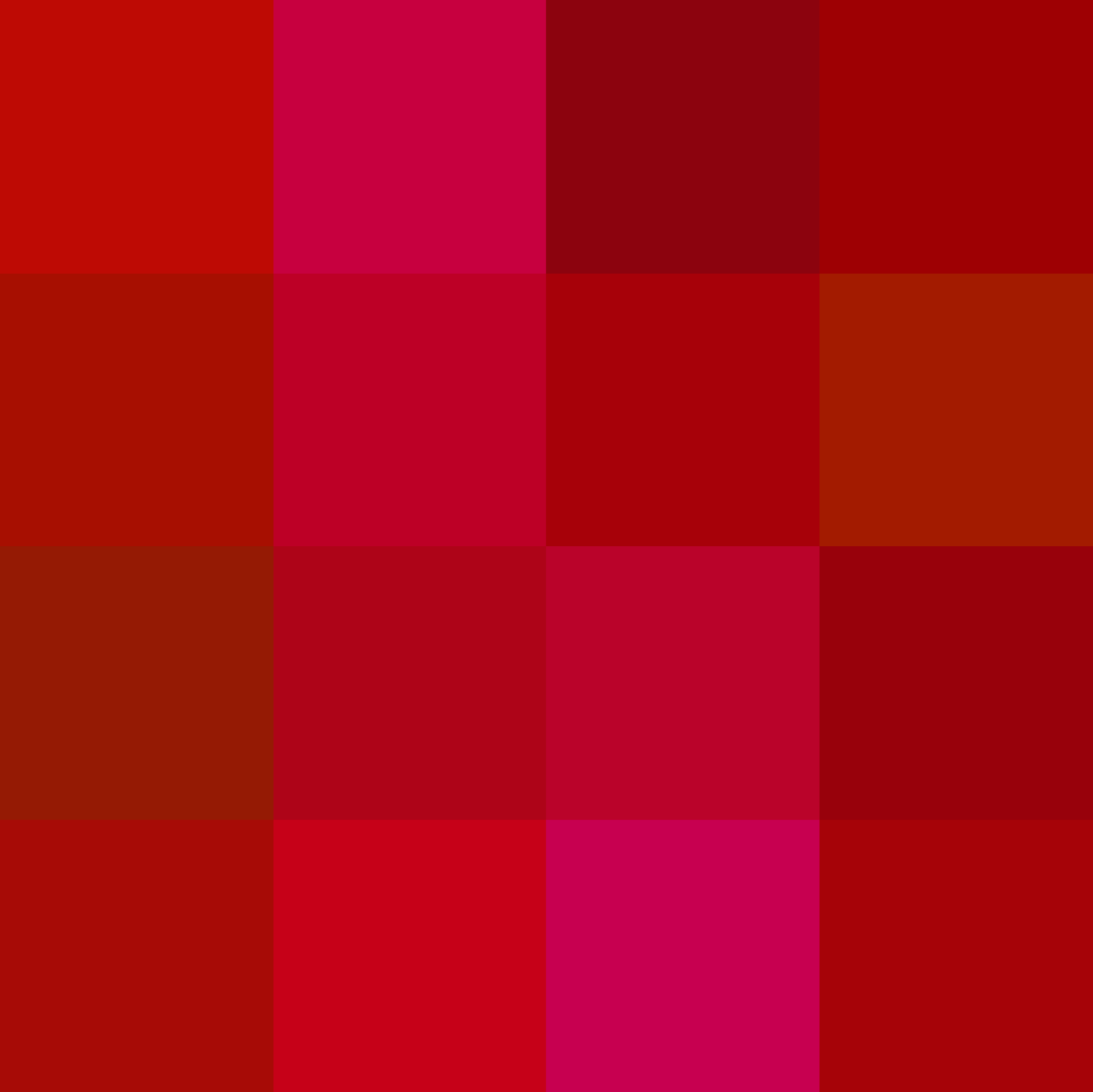
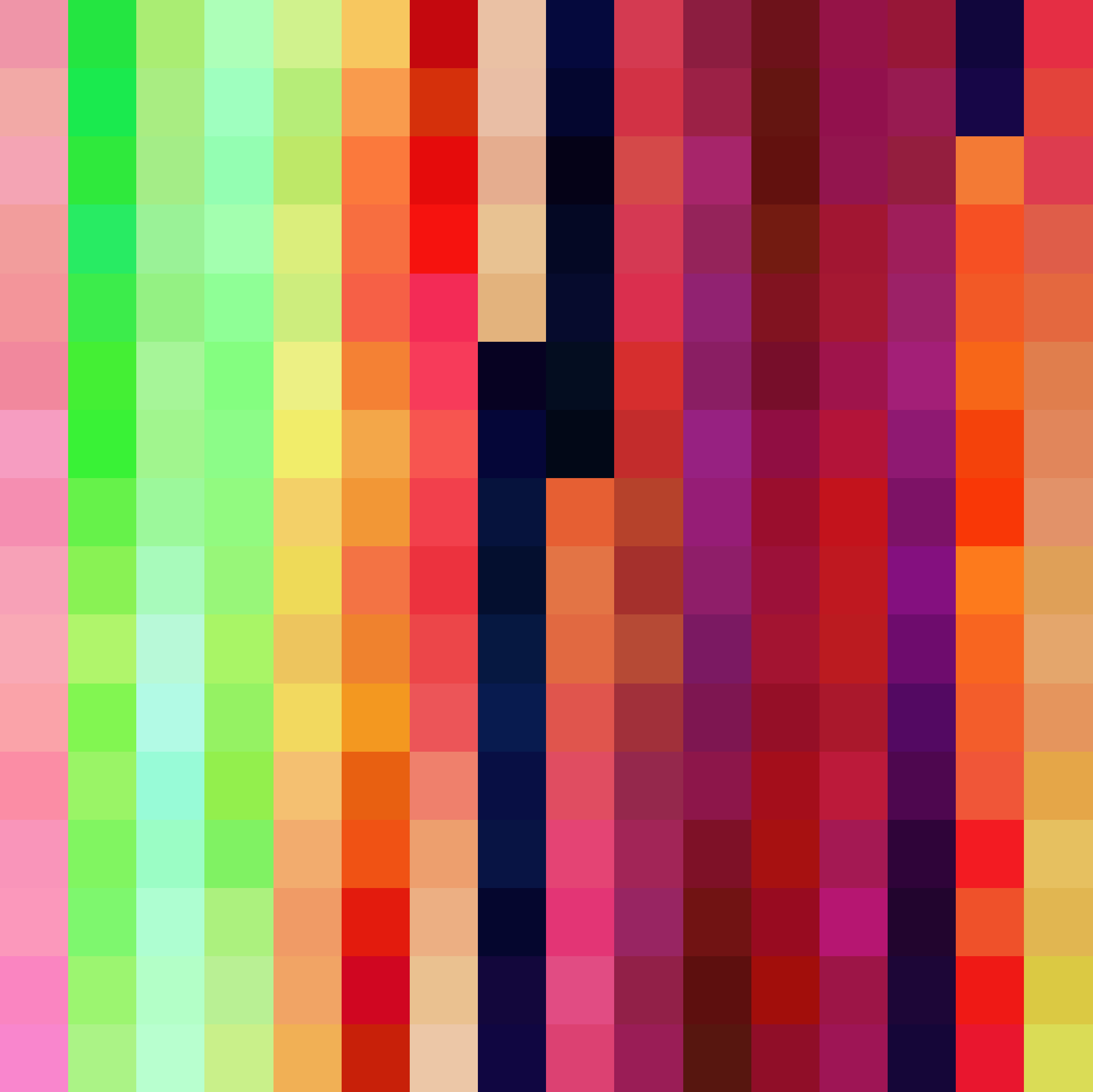Vasilis van Gemert – 15-02-2023

A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some red, a bit of magenta, a bit of cyan, a little bit of rose, a little bit of lime, a little bit of orange, a little bit of purple, a tiny bit of yellow, a tiny bit of violet, and a tiny bit of blue in it.

The colourful gradient in this 12 by 12 pixel grid is mostly blue, and it also has quite some green, some cyan, some indigo, and a tiny bit of violet in it.

This monochrome pixel gradient—it is 4 cells wide, 4 cells high—is red.

The very, very colourful gradient in this 16 by 16 pixel grid is mostly red, and it also has quite some green, some orange, a little bit of blue, a little bit of yellow, a tiny bit of rose, a tiny bit of indigo, a tiny bit of magenta, and a tiny bit of lime in it.

This very colourful gradient, generated in this 7 by 7 pixel grid, is mostly purple, and it also has quite some magenta, a little bit of violet, a little bit of rose, a tiny bit of indigo, and a tiny bit of red in it.
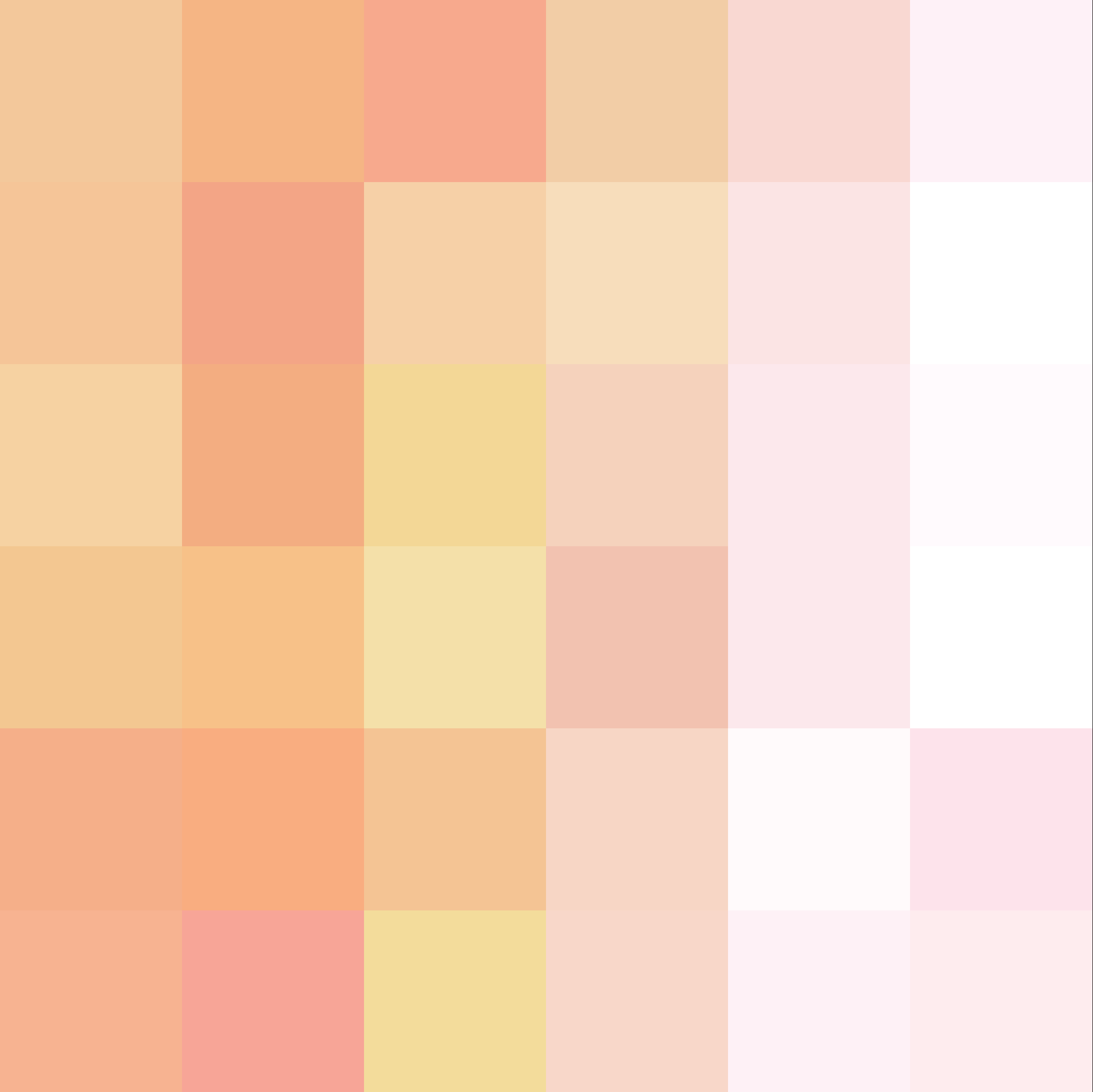
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, and it also has some indigo, some yellow, a bit of orange, a bit of violet, a bit of purple, a little bit of lime, a little bit of green, a little bit of blue, and a tiny bit of rose in it.

This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly orange, and it also has quite some green, some cyan, some red, a little bit of yellow, a little bit of rose, a tiny bit of magenta, and a tiny bit of lime in it.
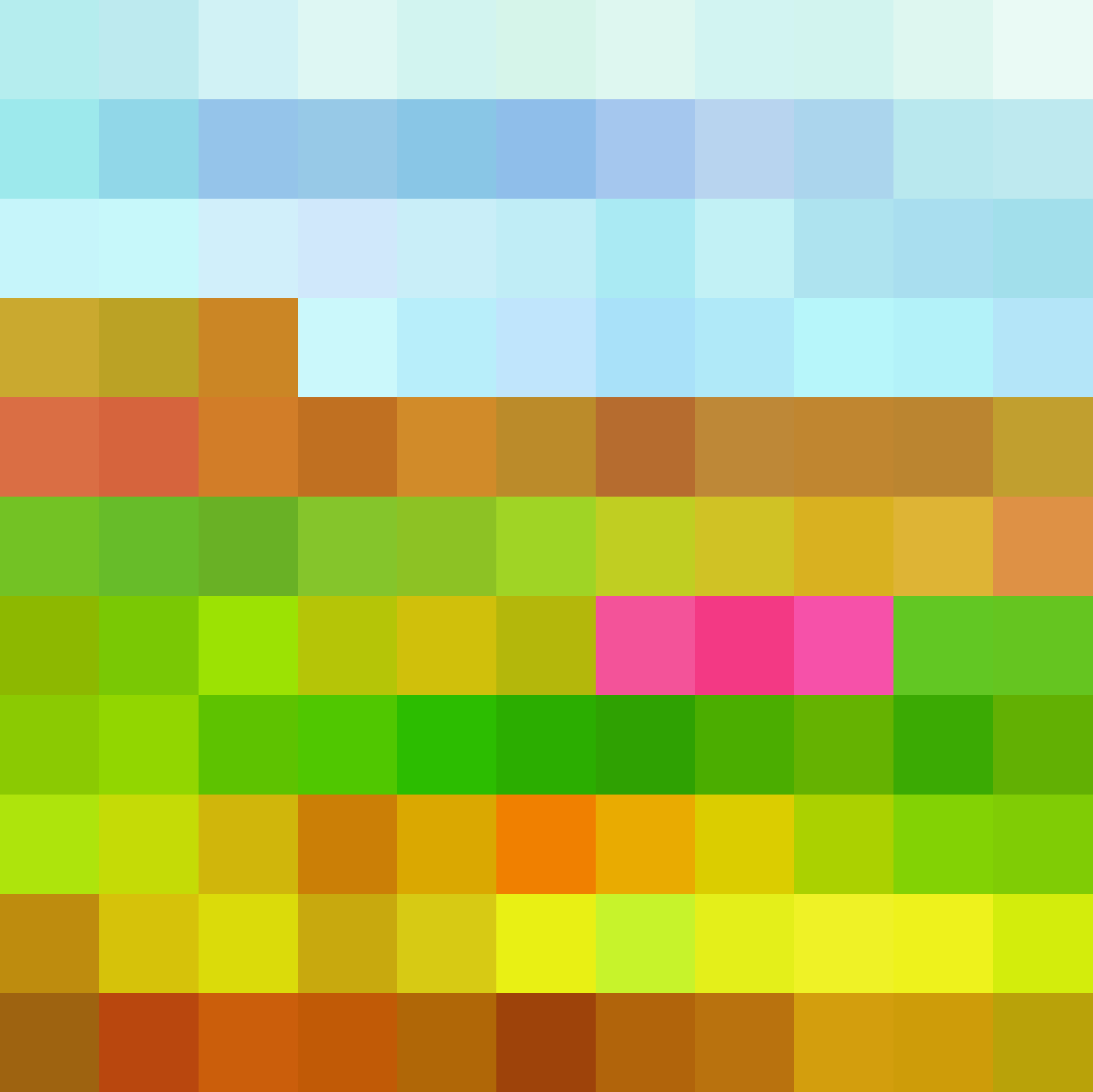
There's a pixel gradient in this 8 by 8 grid. It is mostly green, but it also has some cyan, and a tiny bit of lime in it.

The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly orange, and it also has quite some red in it.

The colourful gradient in this 7 by 7 pixel grid is mostly purple, but it also has quite some rose, quite some magenta, a bit of red, and a bit of violet in it.
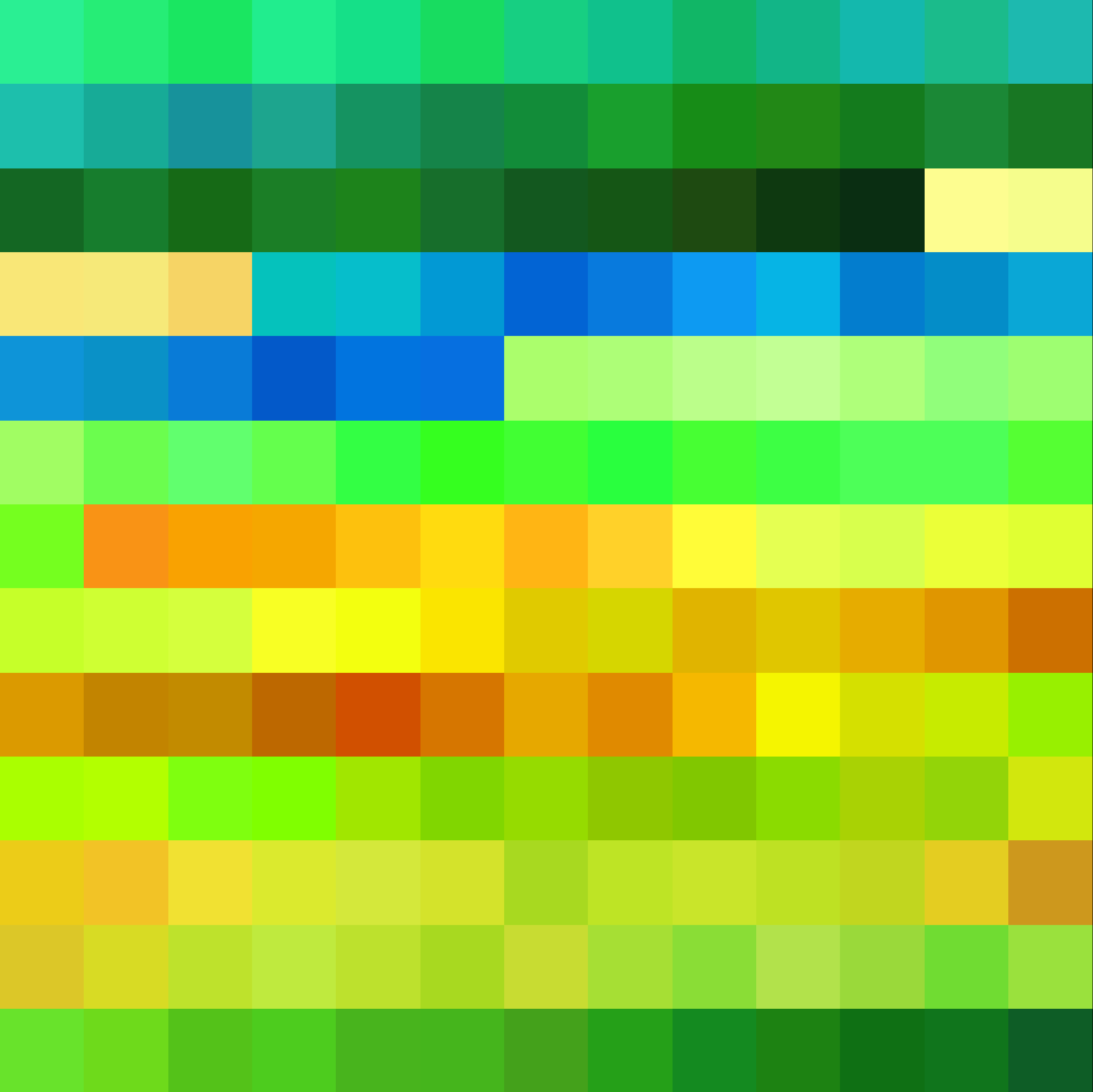
The very, very colourful gradient in this 11 by 11 pixel grid is mostly orange, but it also has quite some cyan, some yellow, some green, some blue, a bit of lime, a tiny bit of rose, and a tiny bit of red in it.
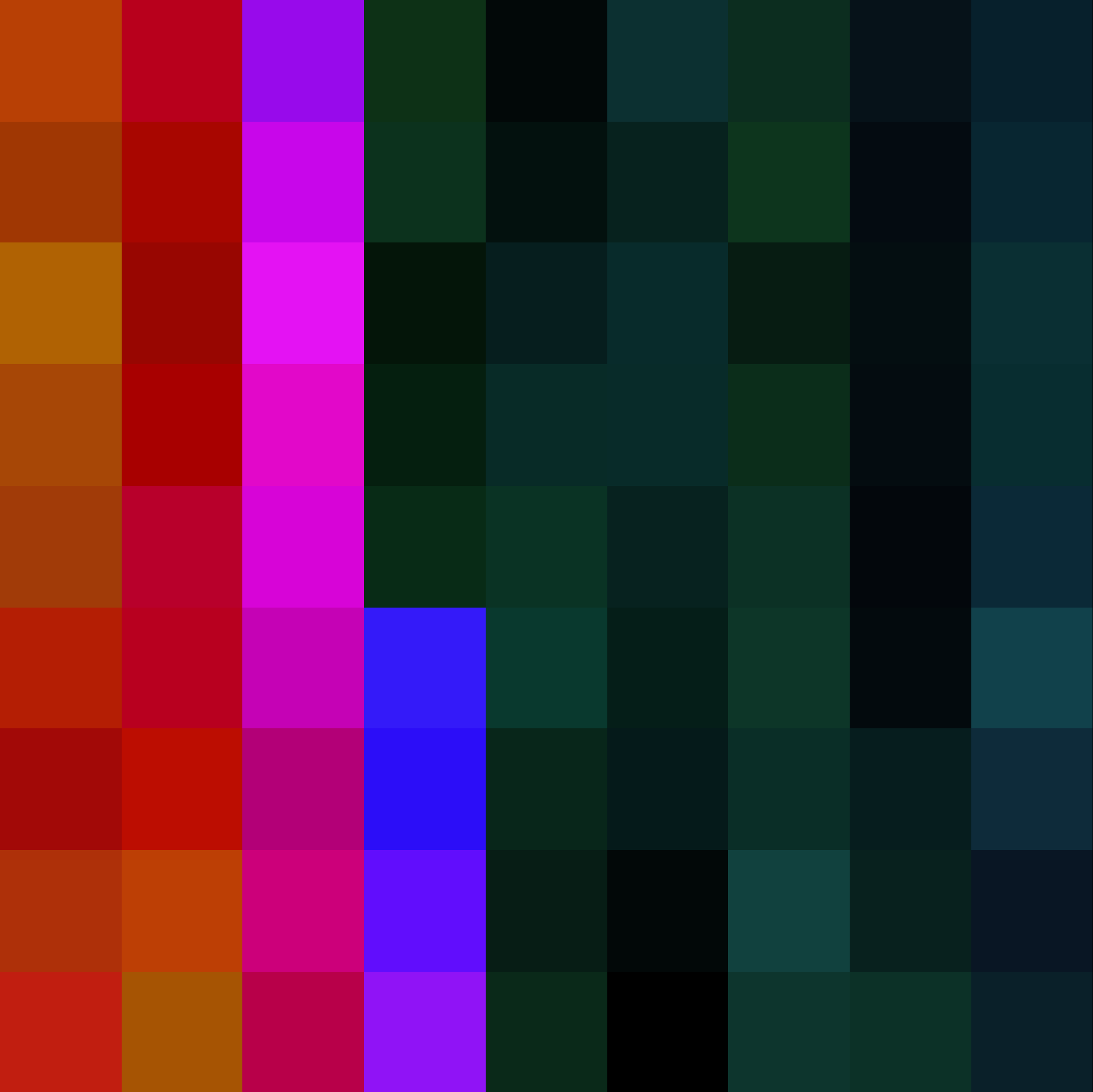
This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly orange, but it also has quite some red, some yellow, a bit of rose, a bit of green, a little bit of magenta, a little bit of indigo, a little bit of cyan, a little bit of lime, a tiny bit of blue, a tiny bit of violet, and a tiny bit of purple in it.
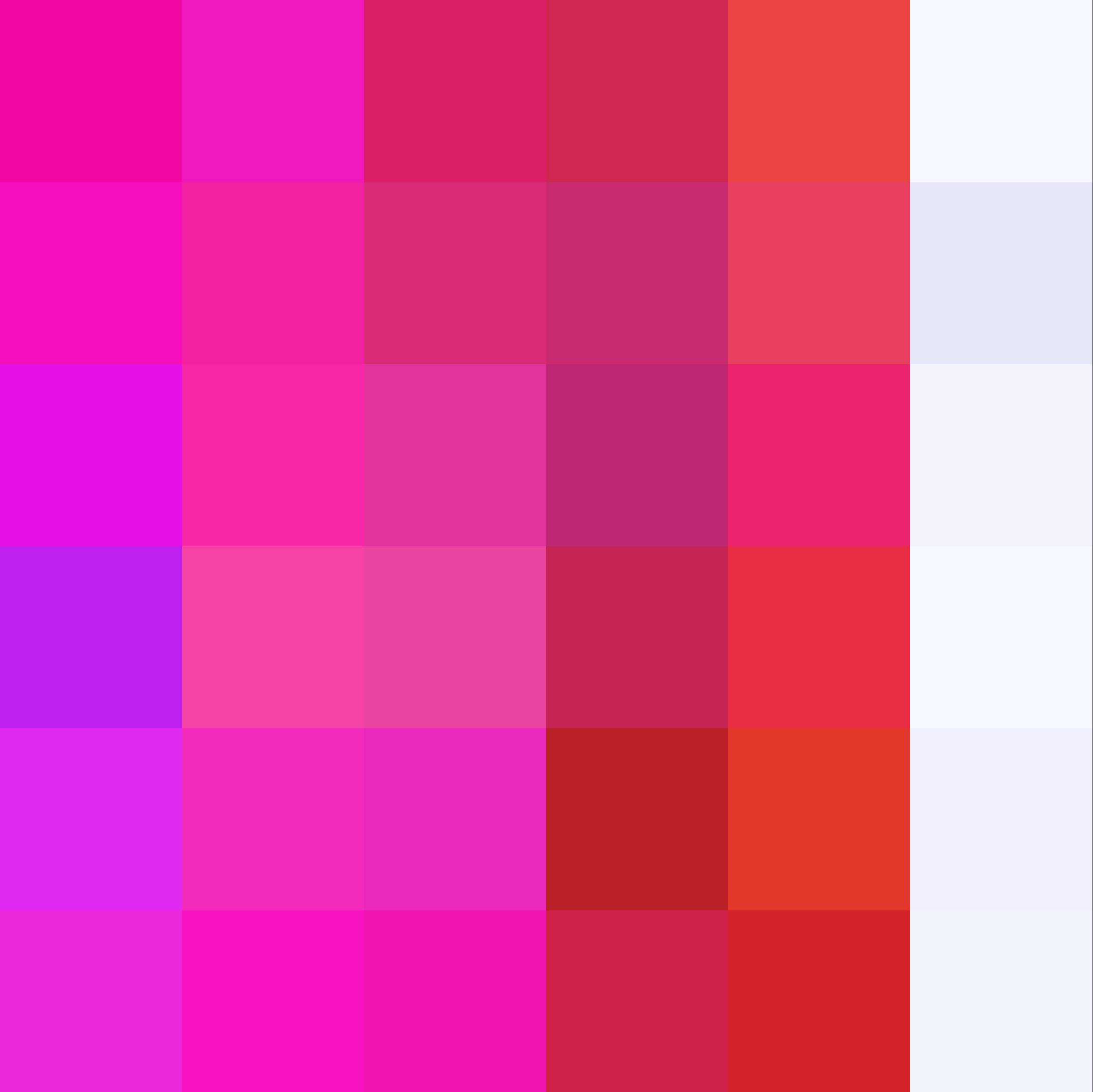
An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has some cyan, some blue, a little bit of orange, and a tiny bit of green in it.
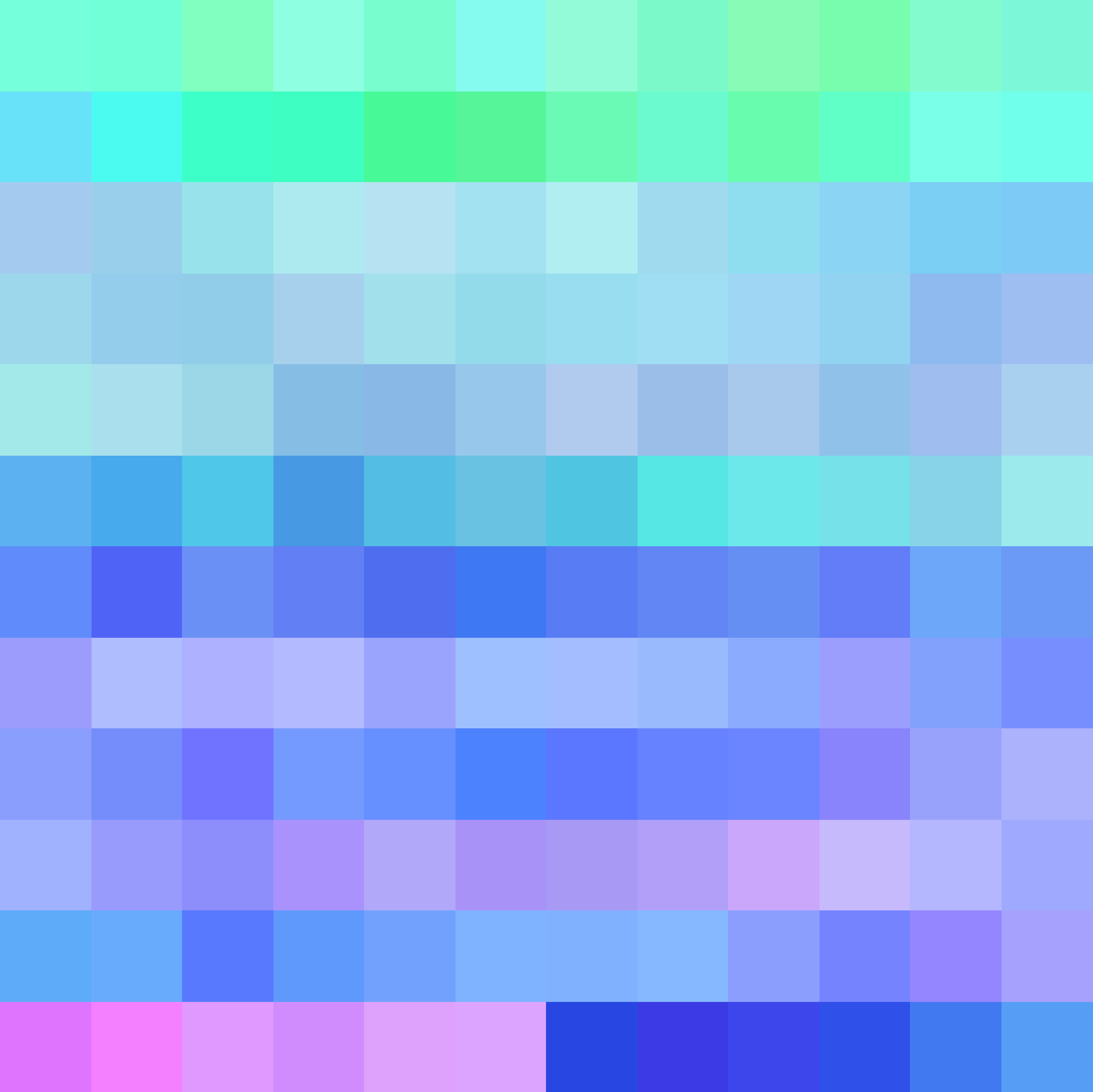
There's a very colourful pixel gradient in this 13 by 13 grid. It is mostly green, but it also has quite some yellow, some orange, some lime, a bit of blue, and a little bit of cyan in it.
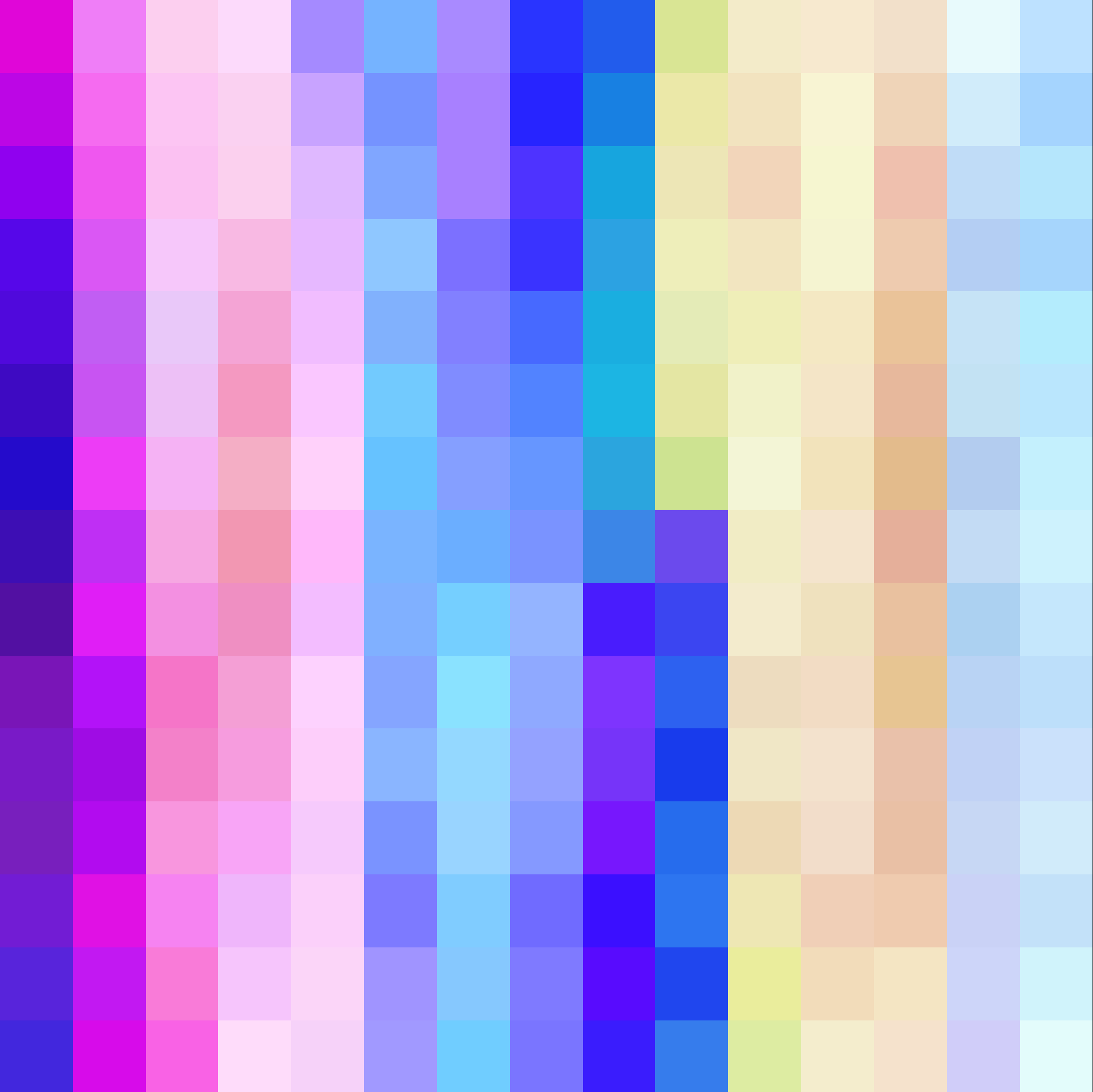
The colourful gradient in this 9 by 9 pixel grid is mostly red, and it also has quite some cyan, quite some green, some blue, and a bit of orange in it.
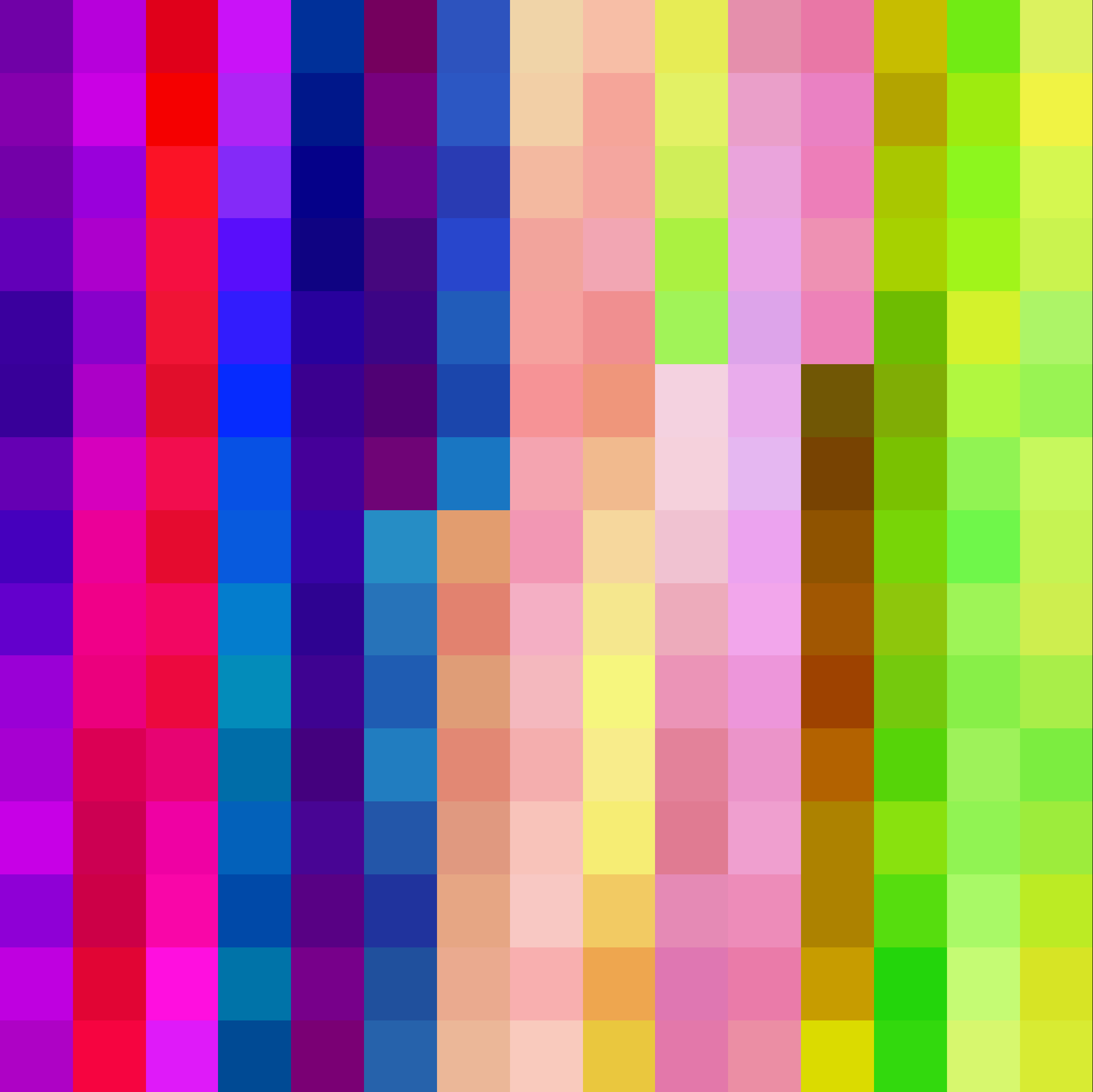
There's a very colourful pixel gradient in this 6 by 6 grid. It is mostly magenta, but it also has quite some rose, quite some red, some blue, a little bit of indigo, and a little bit of purple in it.
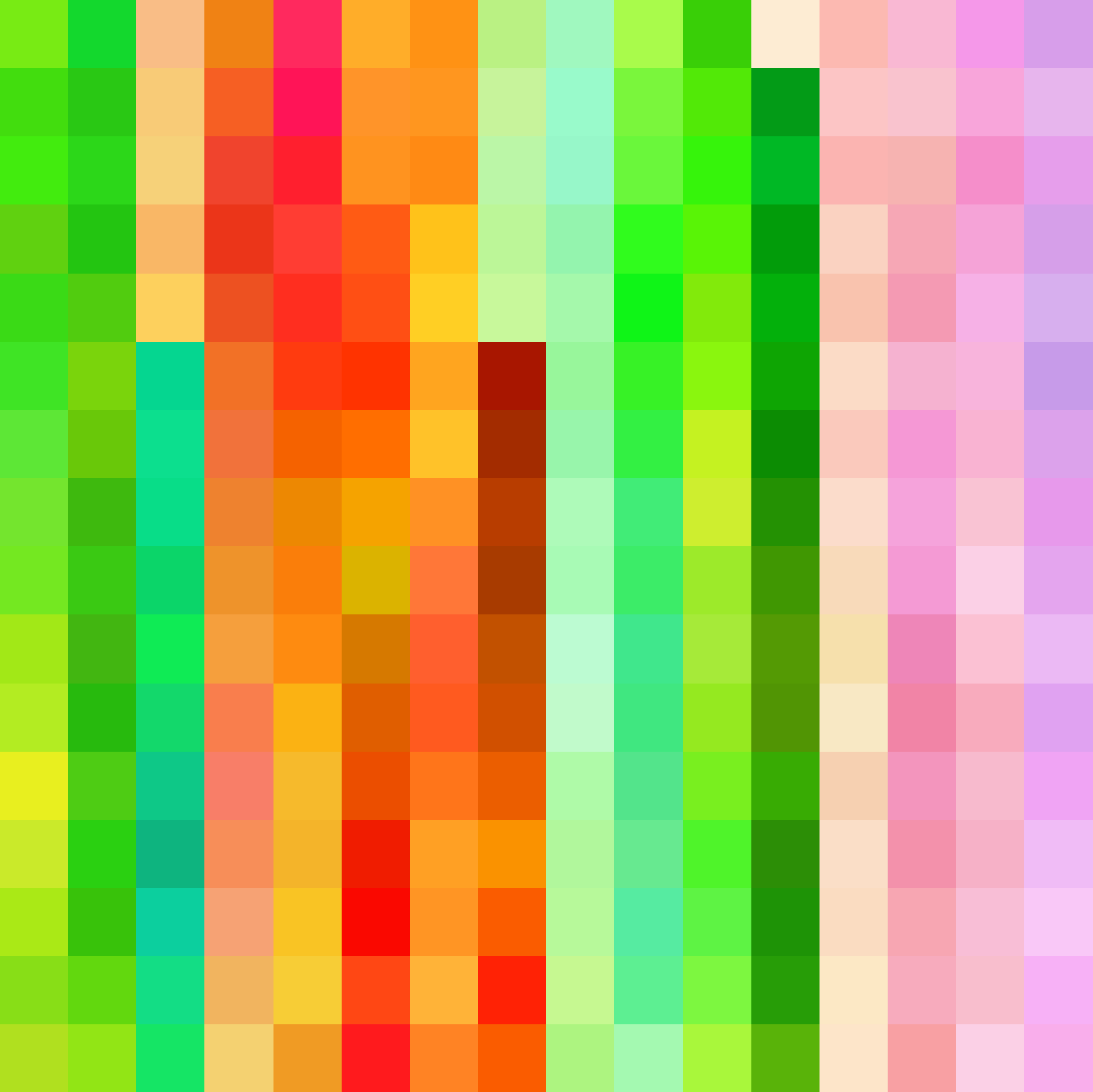
There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly blue, but it also has some cyan, some green, a bit of indigo, a little bit of purple, a tiny bit of violet, and a tiny bit of magenta in it.
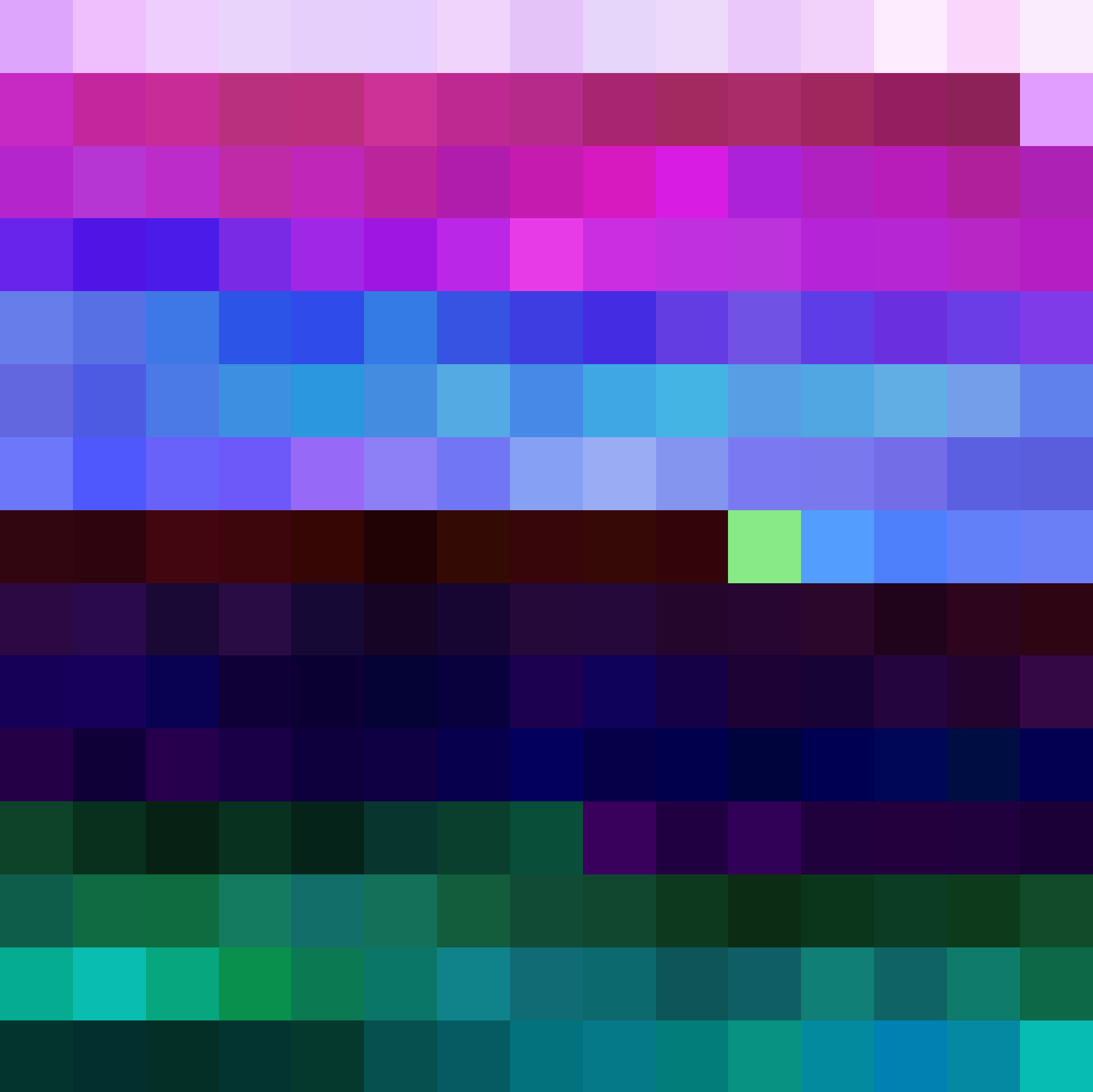
A very, very colourful grid of 225 blocks. It's mostly blue, and it also has some magenta, some orange, some indigo, a bit of purple, a bit of yellow, a little bit of violet, a tiny bit of rose, a tiny bit of cyan, and a tiny bit of lime in it.

The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly red, but it also has some green, some magenta, some blue, a bit of purple, a bit of orange, a bit of rose, a bit of yellow, a little bit of lime, a little bit of violet, and a little bit of indigo in it.

A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some orange, quite some red, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of cyan in it.
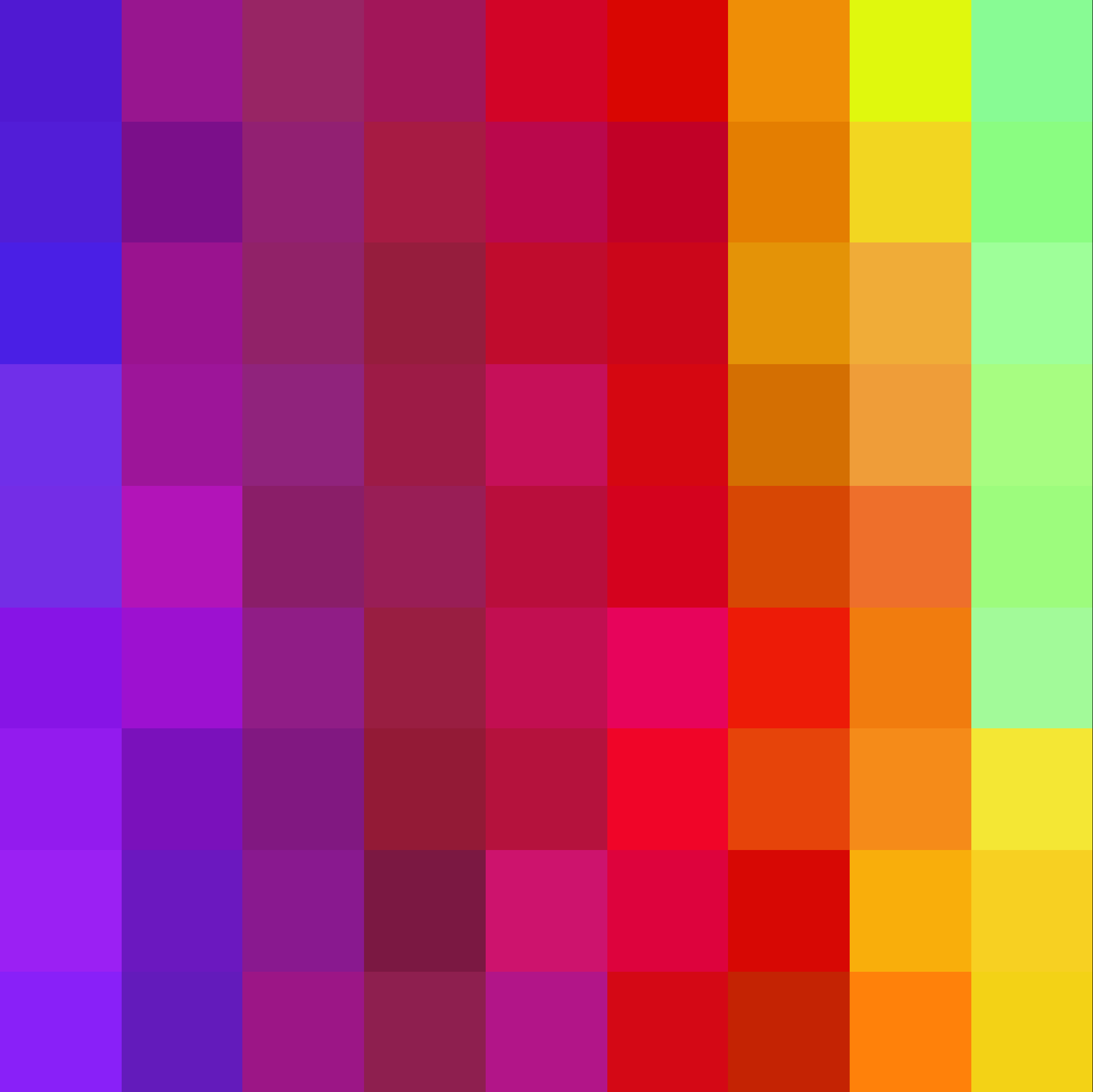
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly blue, and it also has some purple, some indigo, some cyan, some magenta, a bit of green, a bit of violet, a little bit of red, and a little bit of rose in it.
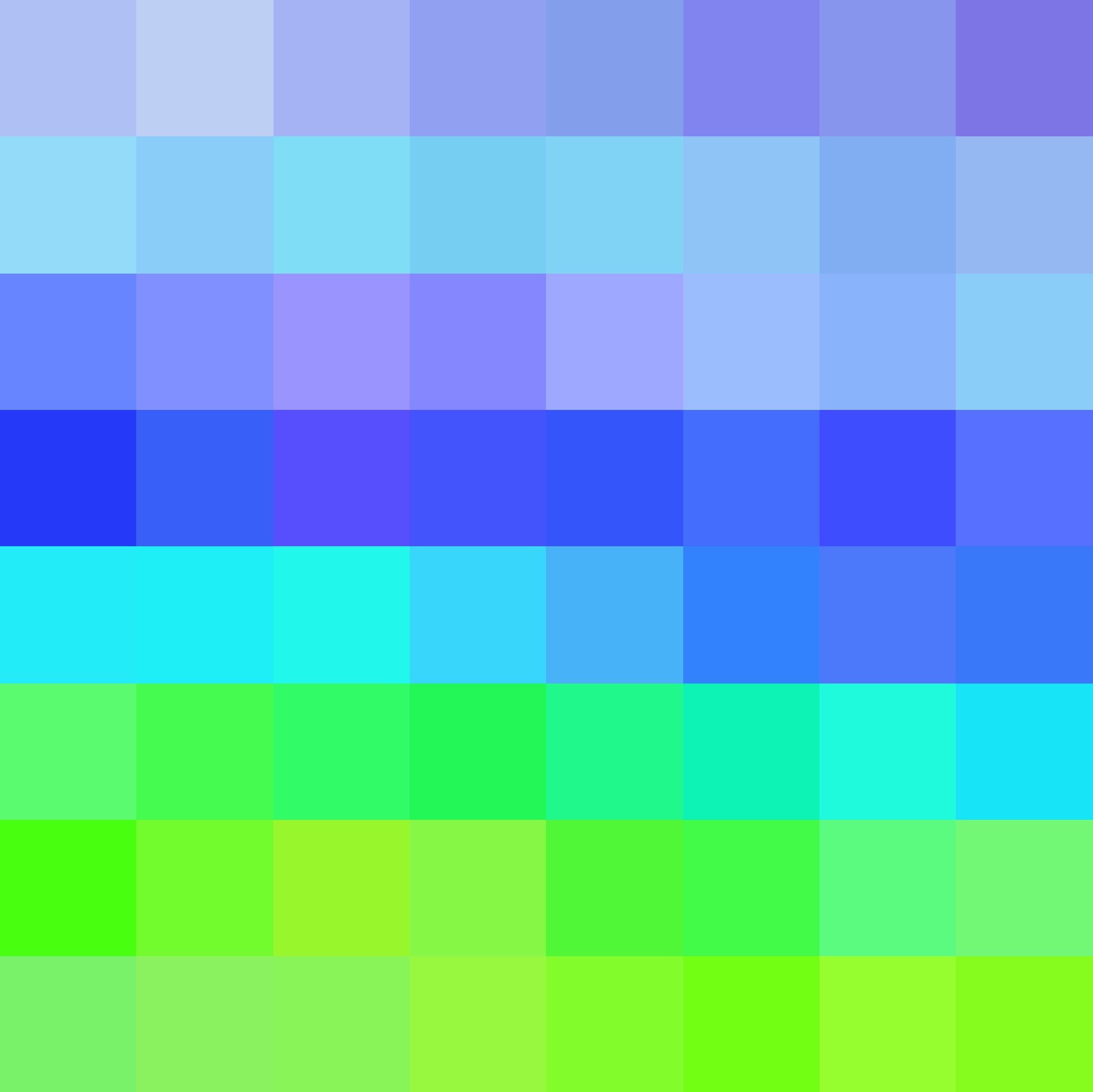
A 9 by 9 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has some orange, some rose, a bit of cyan, a bit of blue, a little bit of magenta, a little bit of purple, and a tiny bit of violet in it.
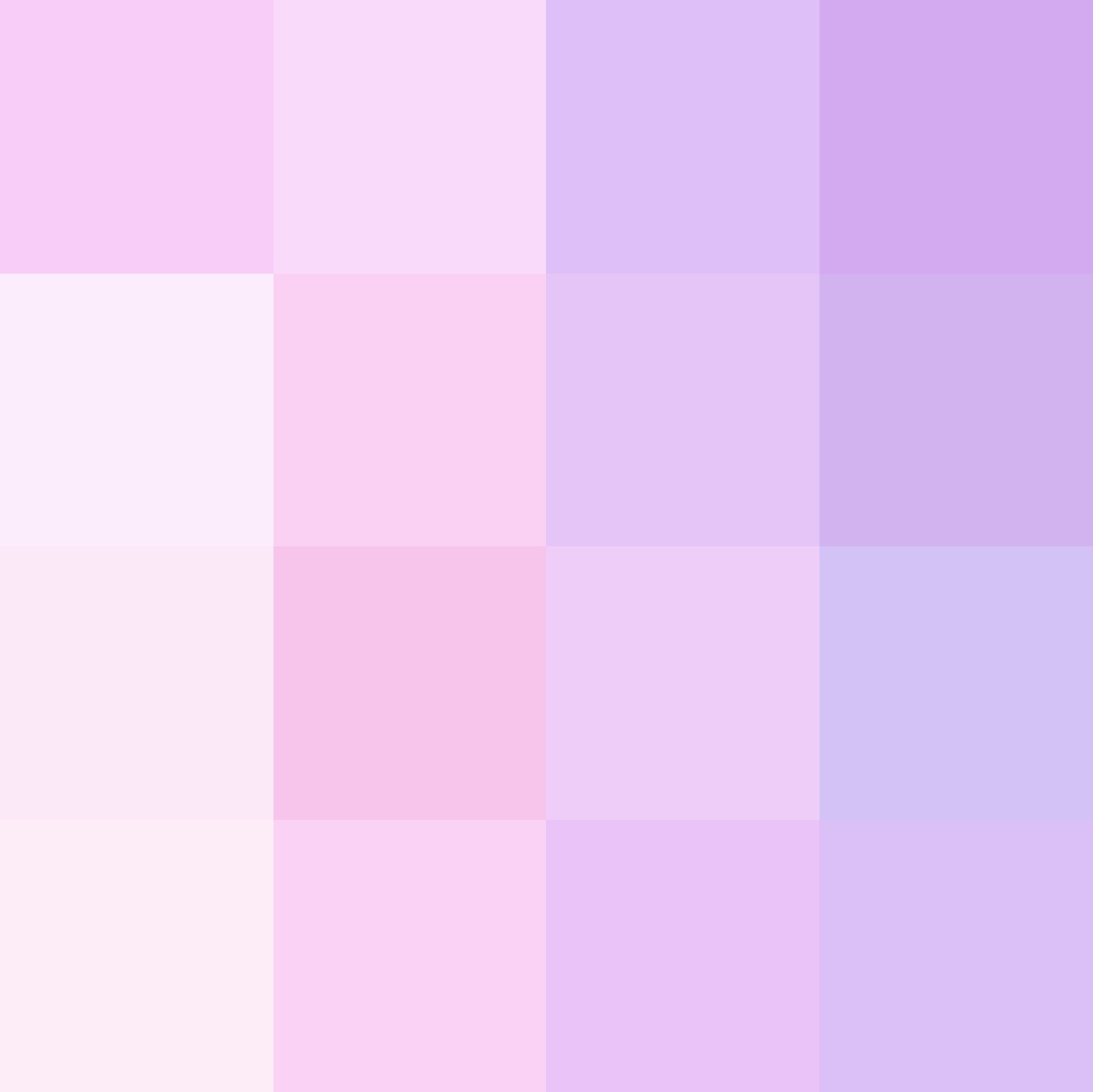
A colourful grid of 81 blocks. It's mostly yellow, and it also has quite some red, quite some orange, some green, and a bit of lime in it.

This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly rose, but it also has some magenta, some red, some orange, a bit of green, a little bit of violet, a little bit of purple, a little bit of yellow, and a little bit of indigo in it.
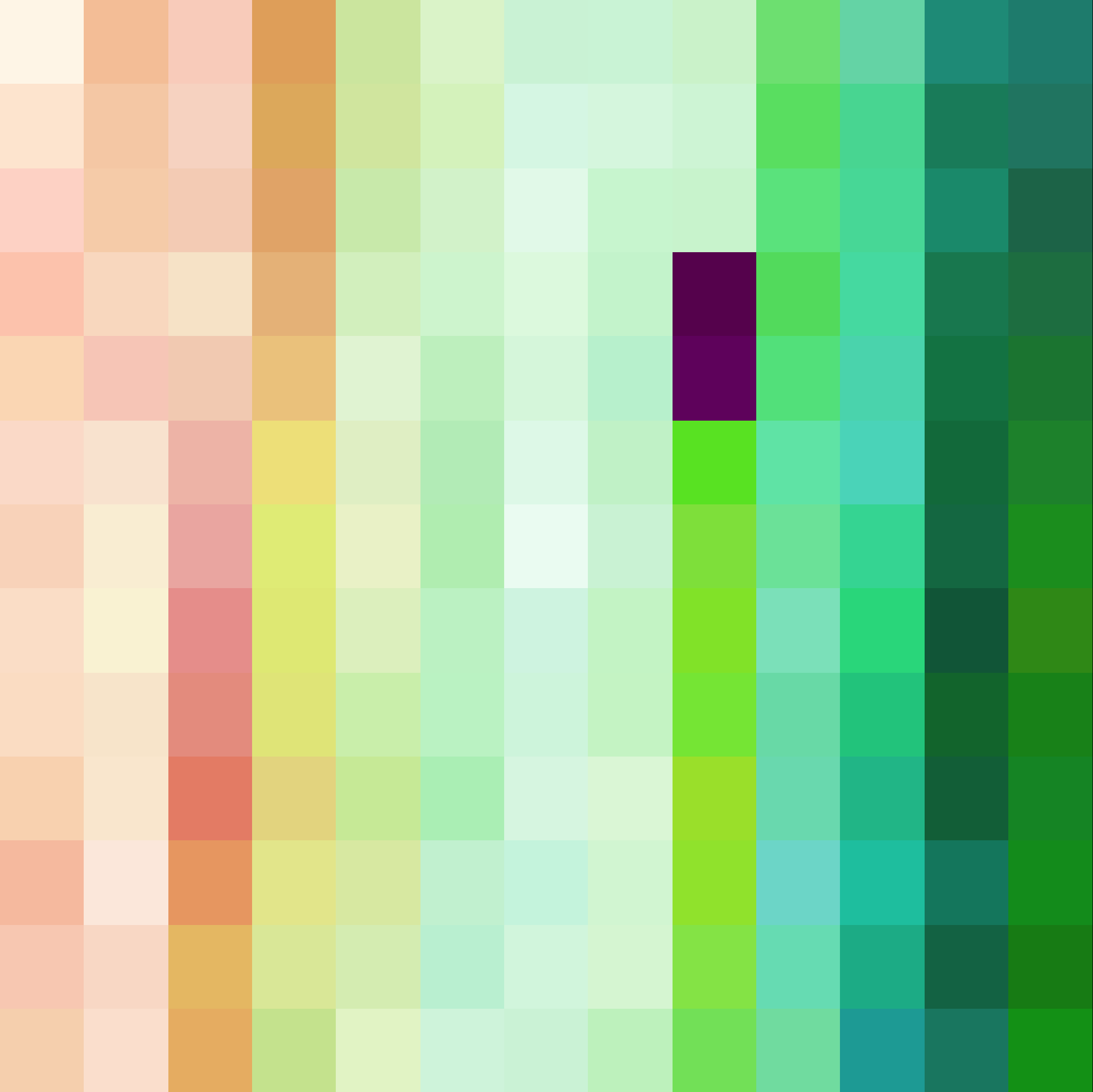
A grid of 64 blocks. It's mostly blue, and it also has quite some green, some cyan, and a little bit of indigo in it.
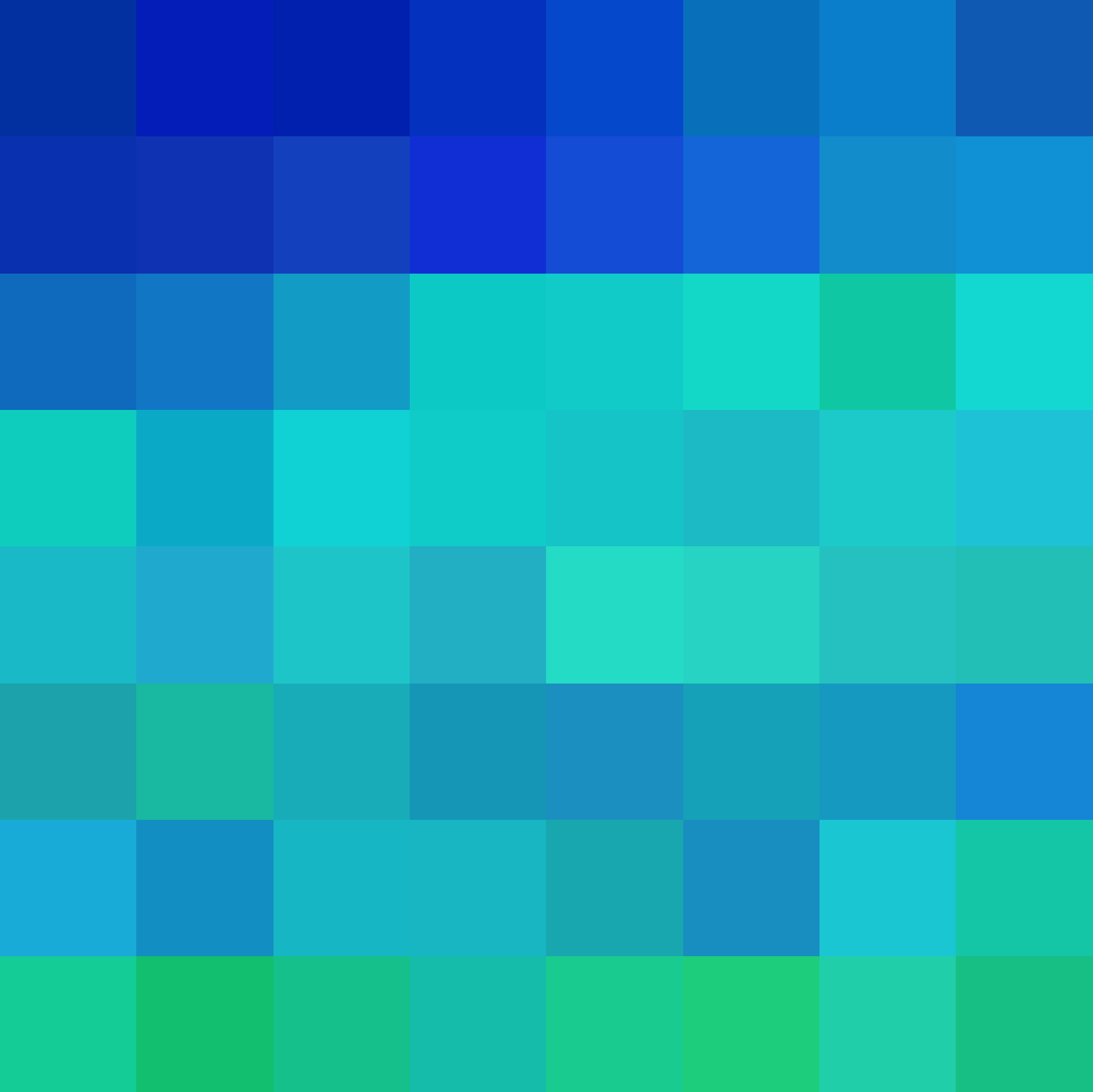
There's a colourful pixel gradient in this 4 by 4 grid. It is mostly magenta, and it also has quite some purple, a little bit of rose, a little bit of violet, and a little bit of indigo in it.
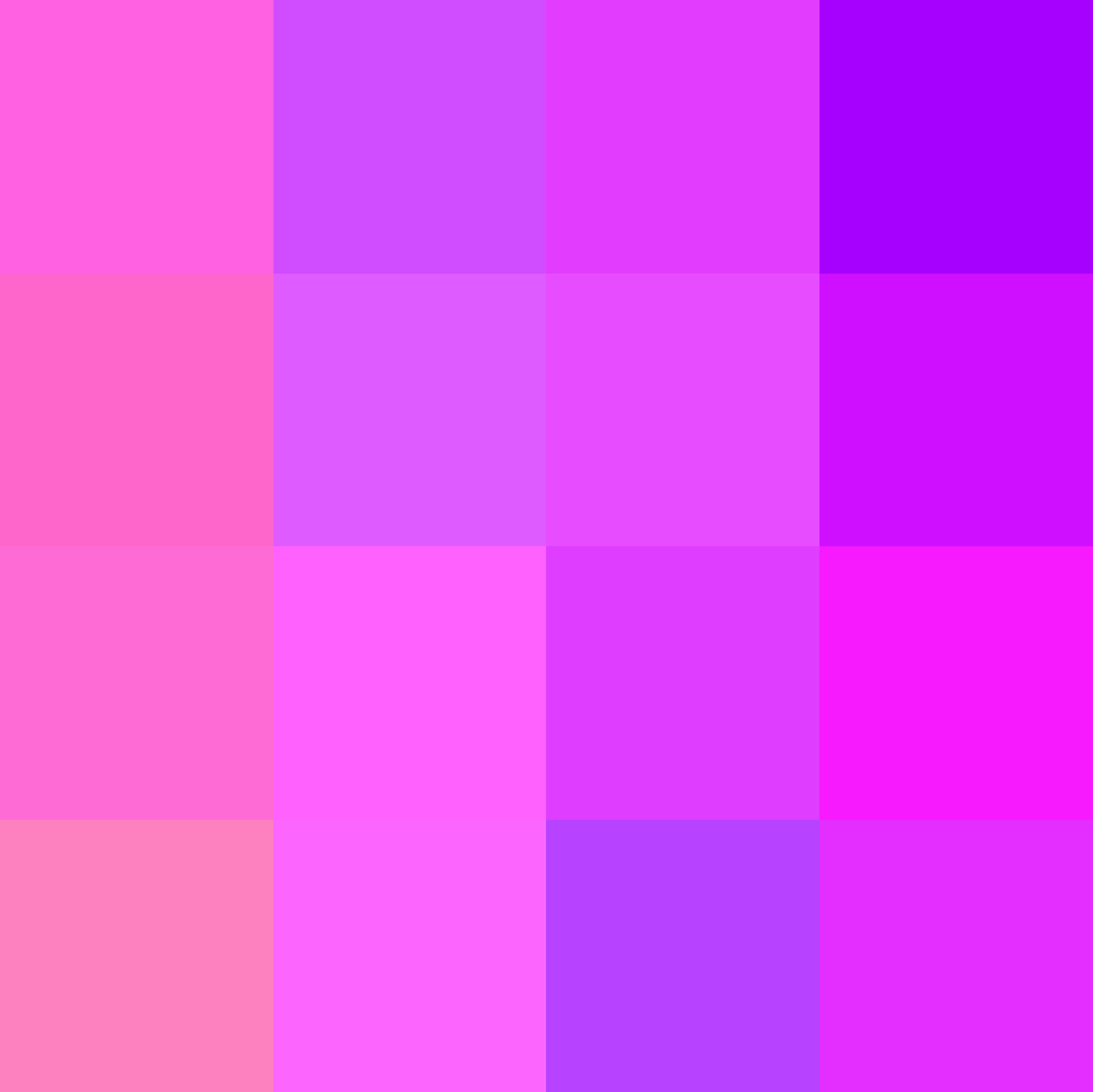
The very colourful gradient in this 9 by 9 pixel grid is mostly indigo, and it also has quite some blue, some magenta, a bit of rose, a little bit of purple, a little bit of violet, and a tiny bit of green in it.
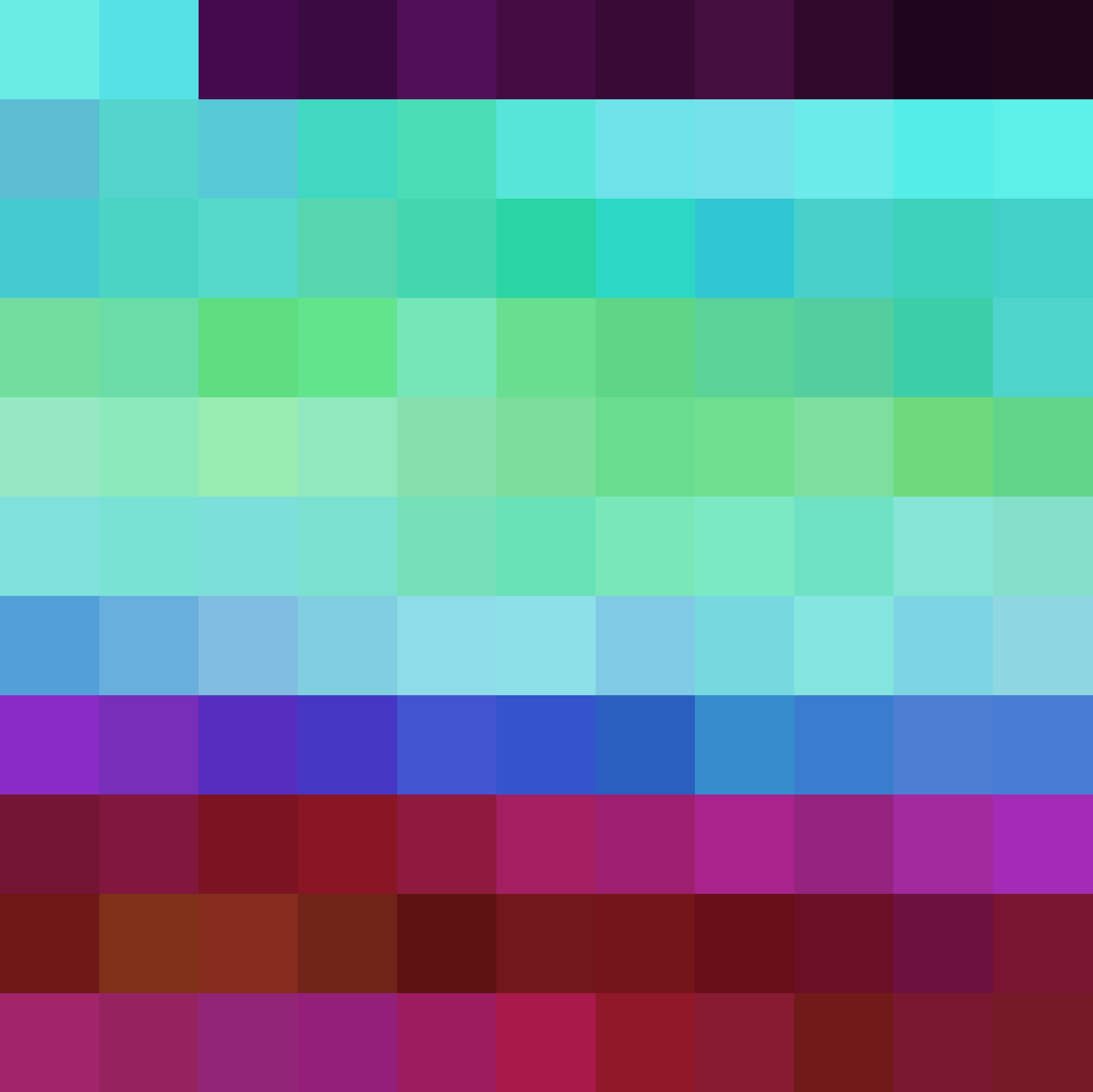
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some orange, a little bit of cyan, a little bit of red, a little bit of yellow, a tiny bit of lime, and a tiny bit of magenta in it.

The gradient in this 8 by 8 pixel grid is mostly cyan, and it also has quite some blue, and a bit of green in it.
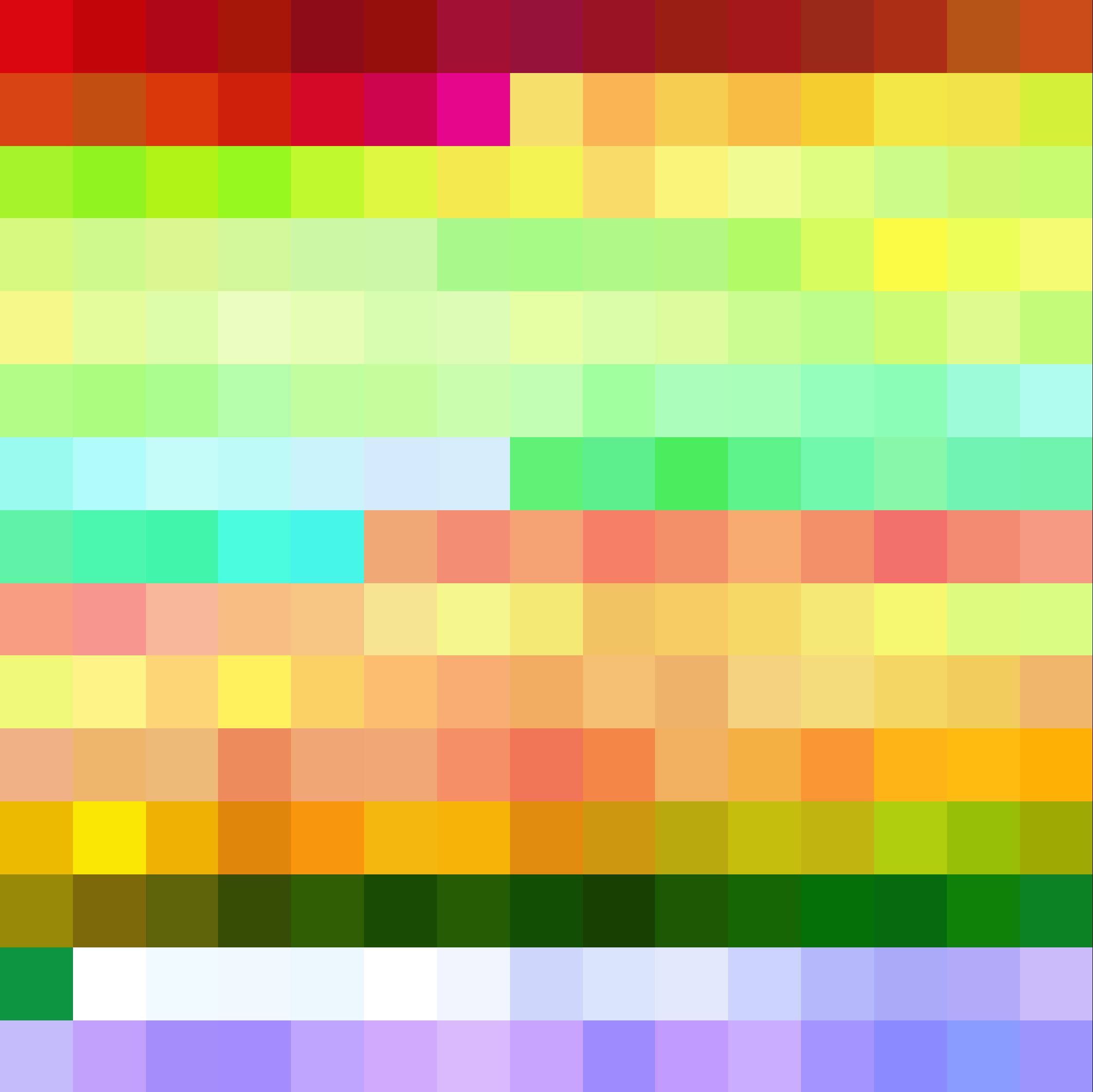
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly magenta, and it also has a lot of purple, and a little bit of rose in it.

The very, very colourful gradient in this 11 by 11 pixel grid is mostly cyan, but it also has quite some green, some magenta, some red, a bit of blue, a bit of rose, a tiny bit of indigo, and a tiny bit of purple in it.
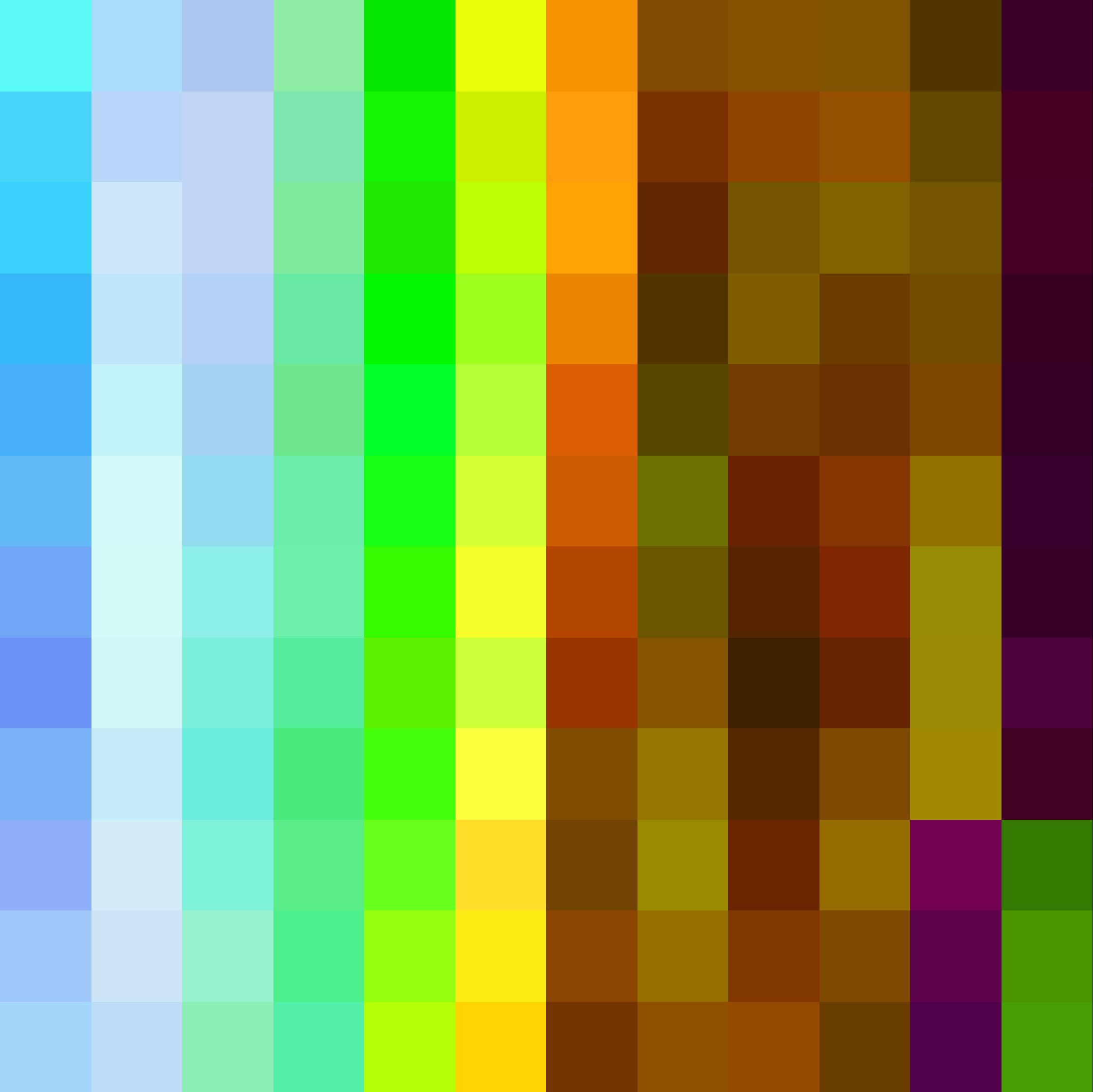
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly rose, but it also has quite some red, and quite some magenta in it.

The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has quite some orange, some yellow, some red, a bit of blue, a bit of lime, a little bit of indigo, a little bit of cyan, a little bit of violet, a tiny bit of rose, and a tiny bit of magenta in it.
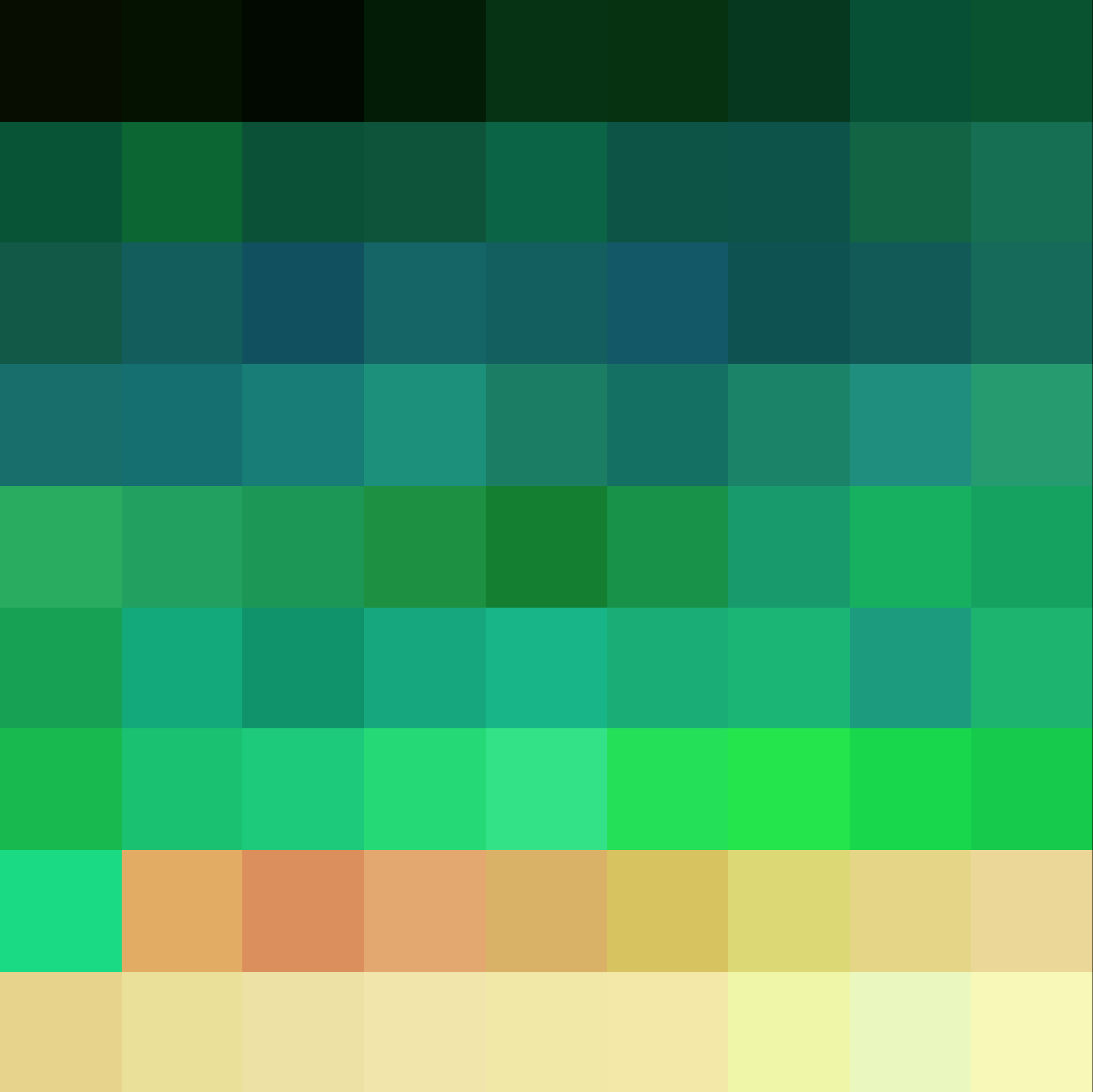
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has quite some red, some rose, and a bit of orange in it.
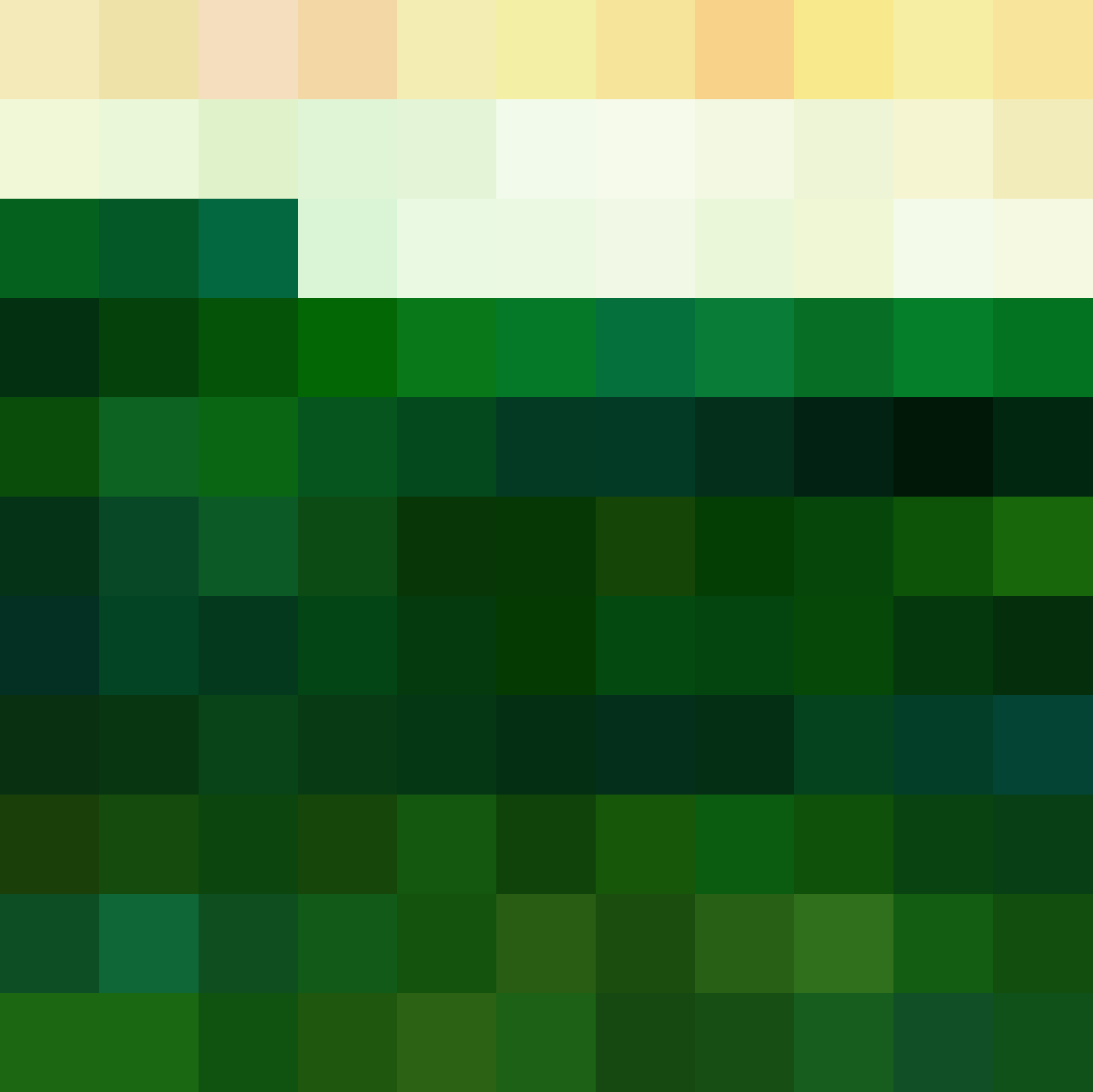
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly orange, and it also has quite some green, some blue, some yellow, a bit of cyan, a little bit of magenta, a little bit of lime, and a tiny bit of rose in it.
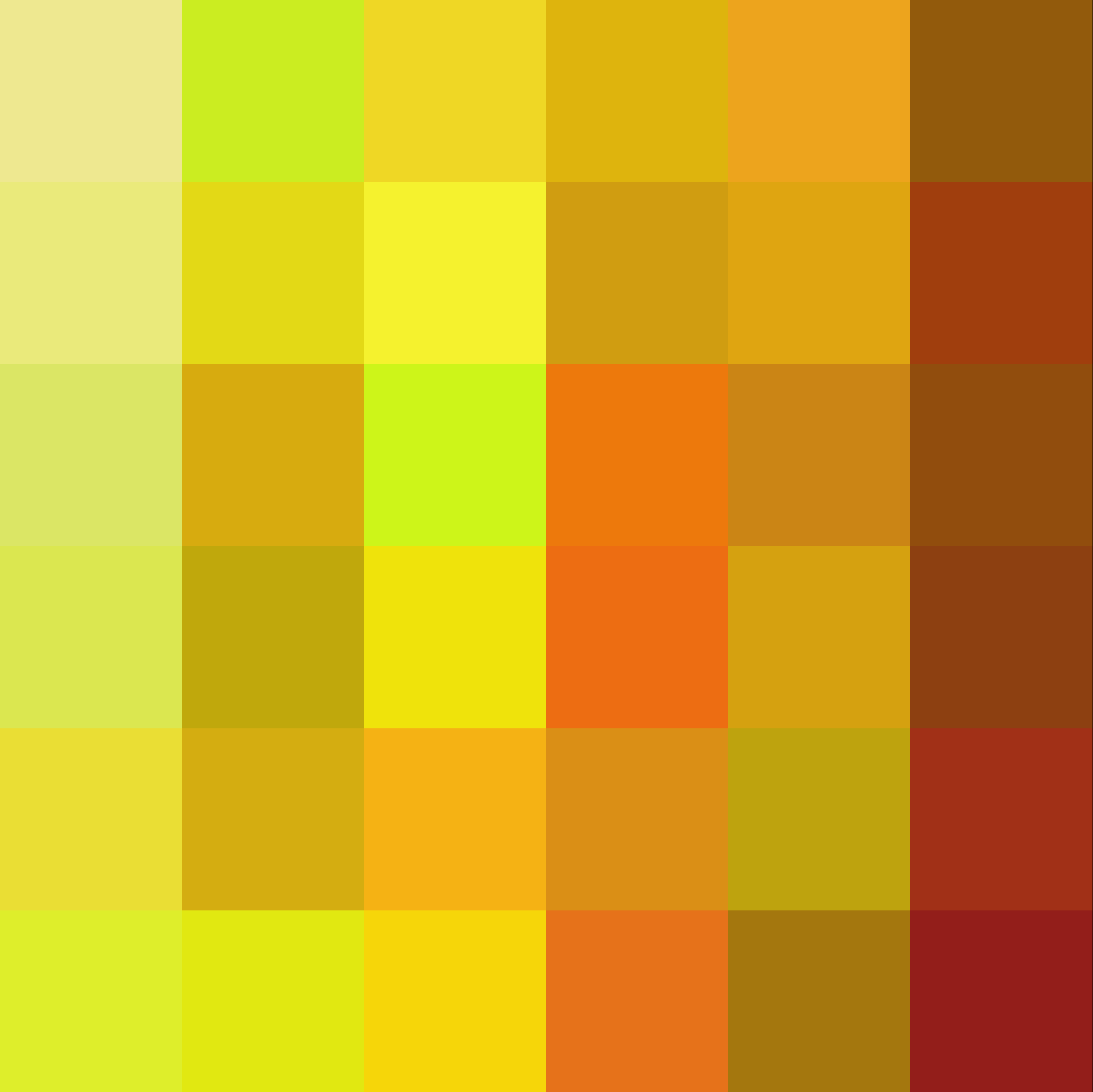
This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some yellow, some indigo, a bit of lime, and a tiny bit of orange in it.
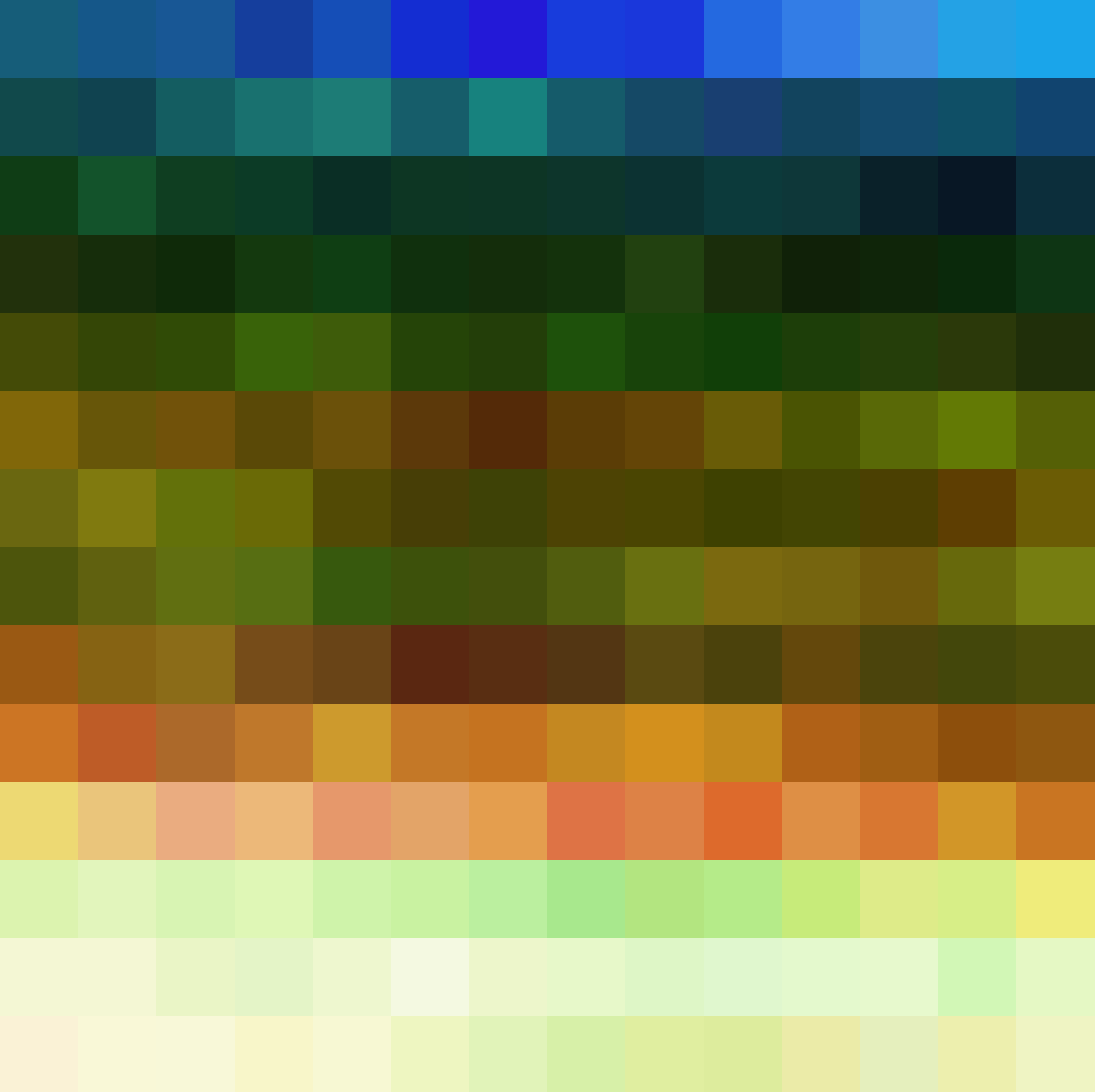
There's a colourful pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some cyan, some yellow, a little bit of orange, and a tiny bit of lime in it.

Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly green, but it also has a bit of yellow, a little bit of lime, a tiny bit of orange, and a tiny bit of cyan in it.
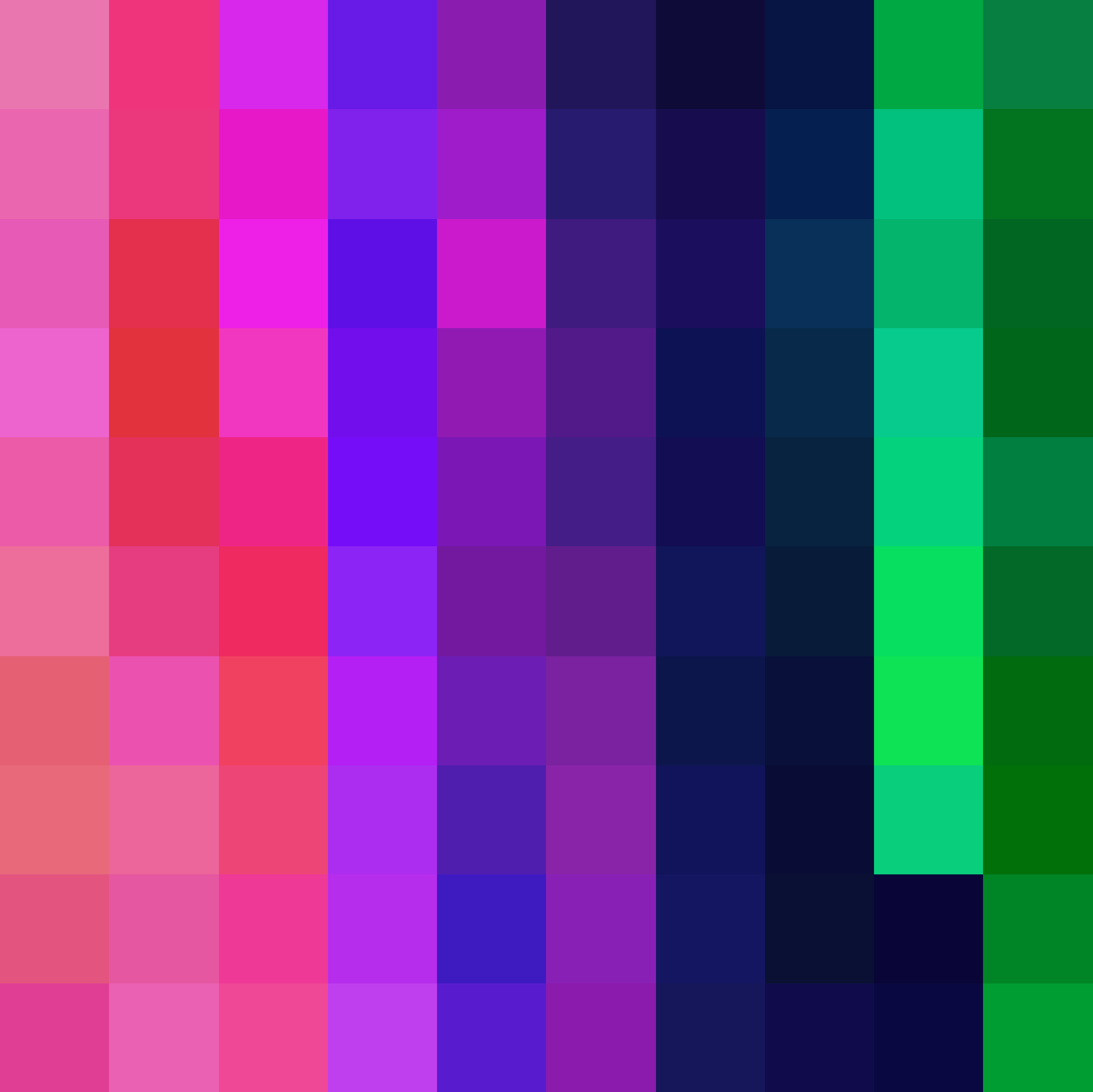
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly yellow, and it also has a lot of orange, a little bit of red, and a little bit of lime in it.

The very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has quite some yellow, quite some orange, some blue, a bit of lime, a bit of cyan, and a tiny bit of indigo in it.
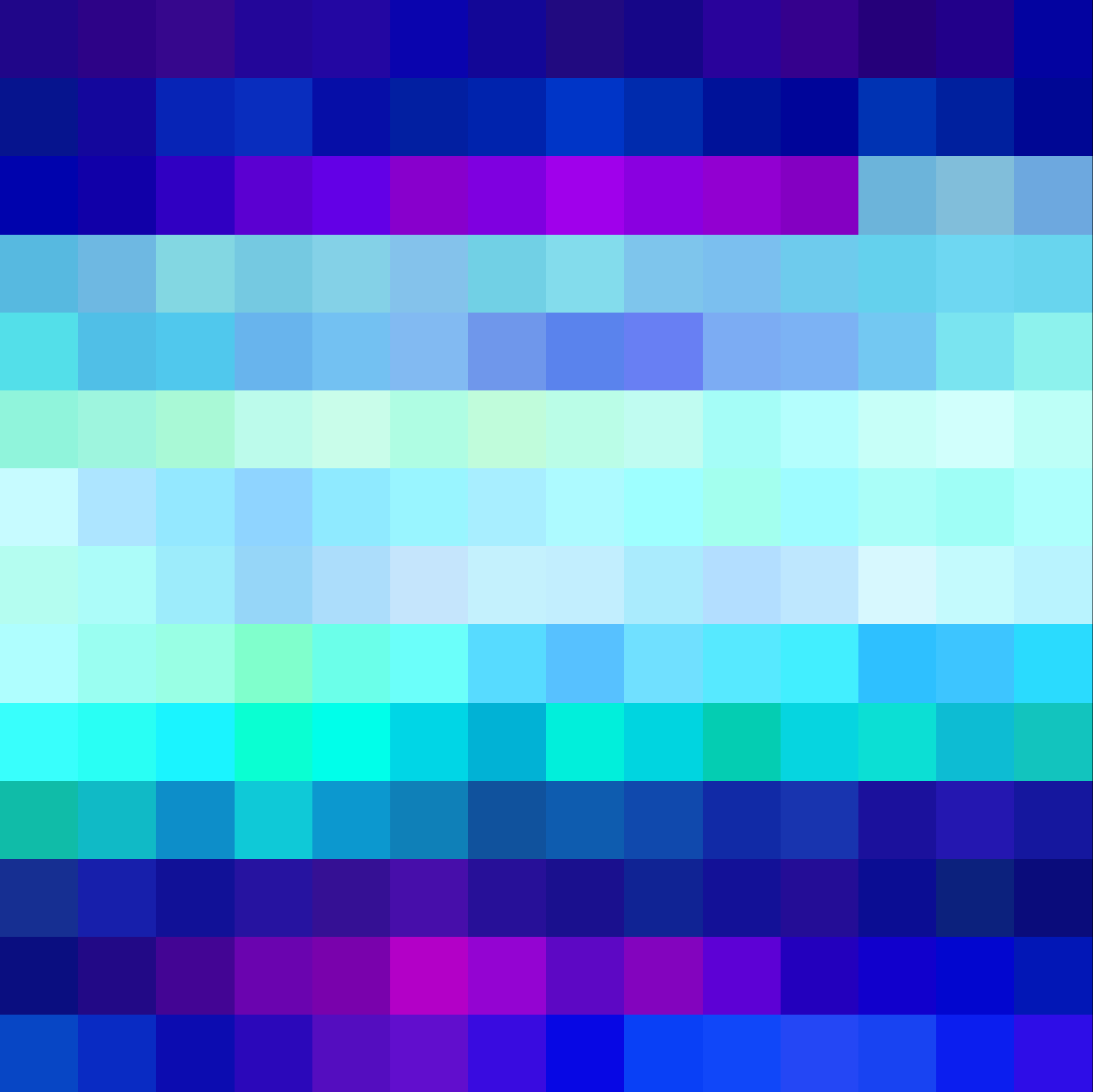
A 13 by 13 grid with coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some orange, and a little bit of yellow in it.
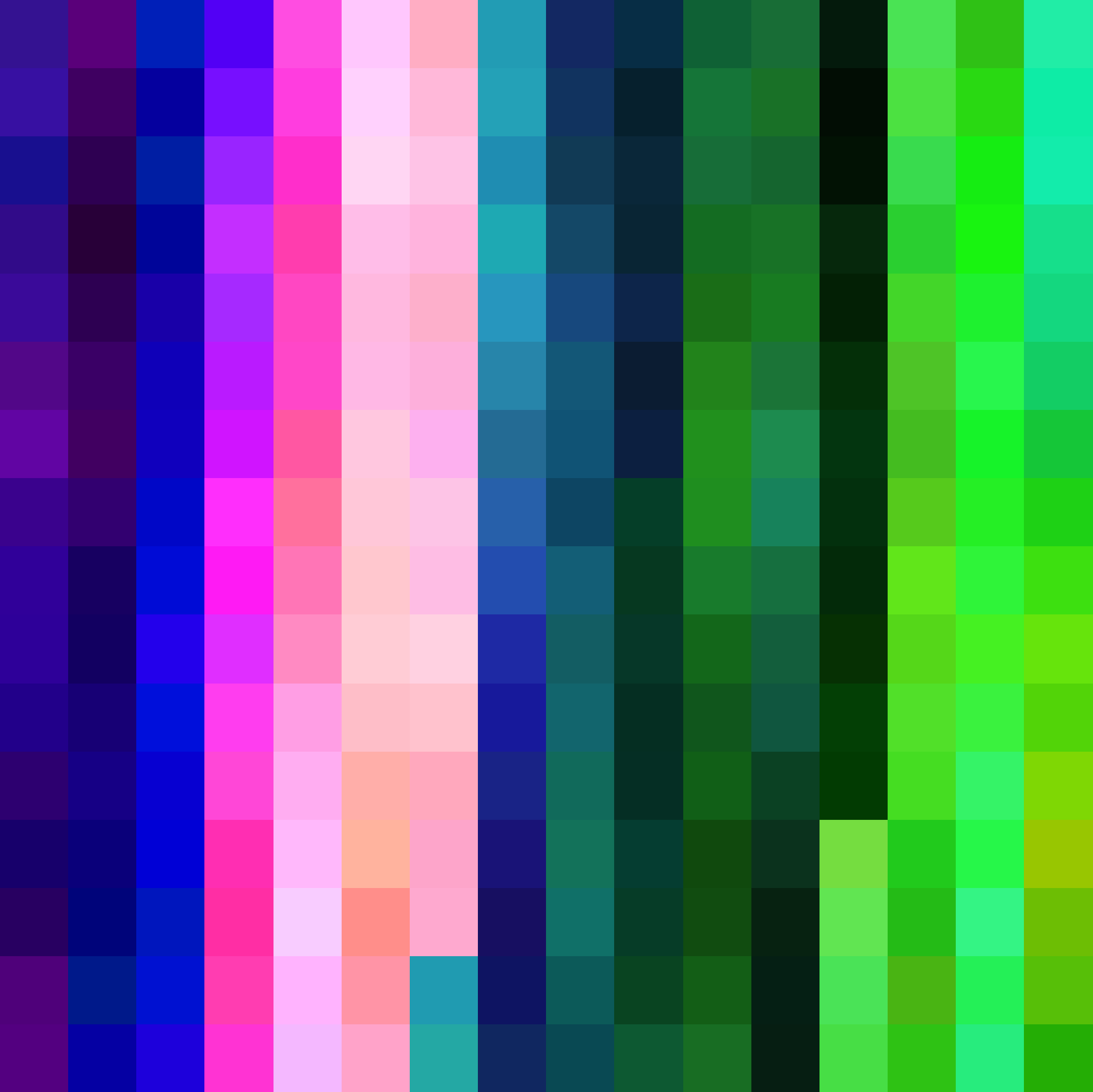
This very, very colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, and it also has some rose, some purple, some blue, some indigo, a bit of violet, a bit of magenta, and a little bit of red in it.
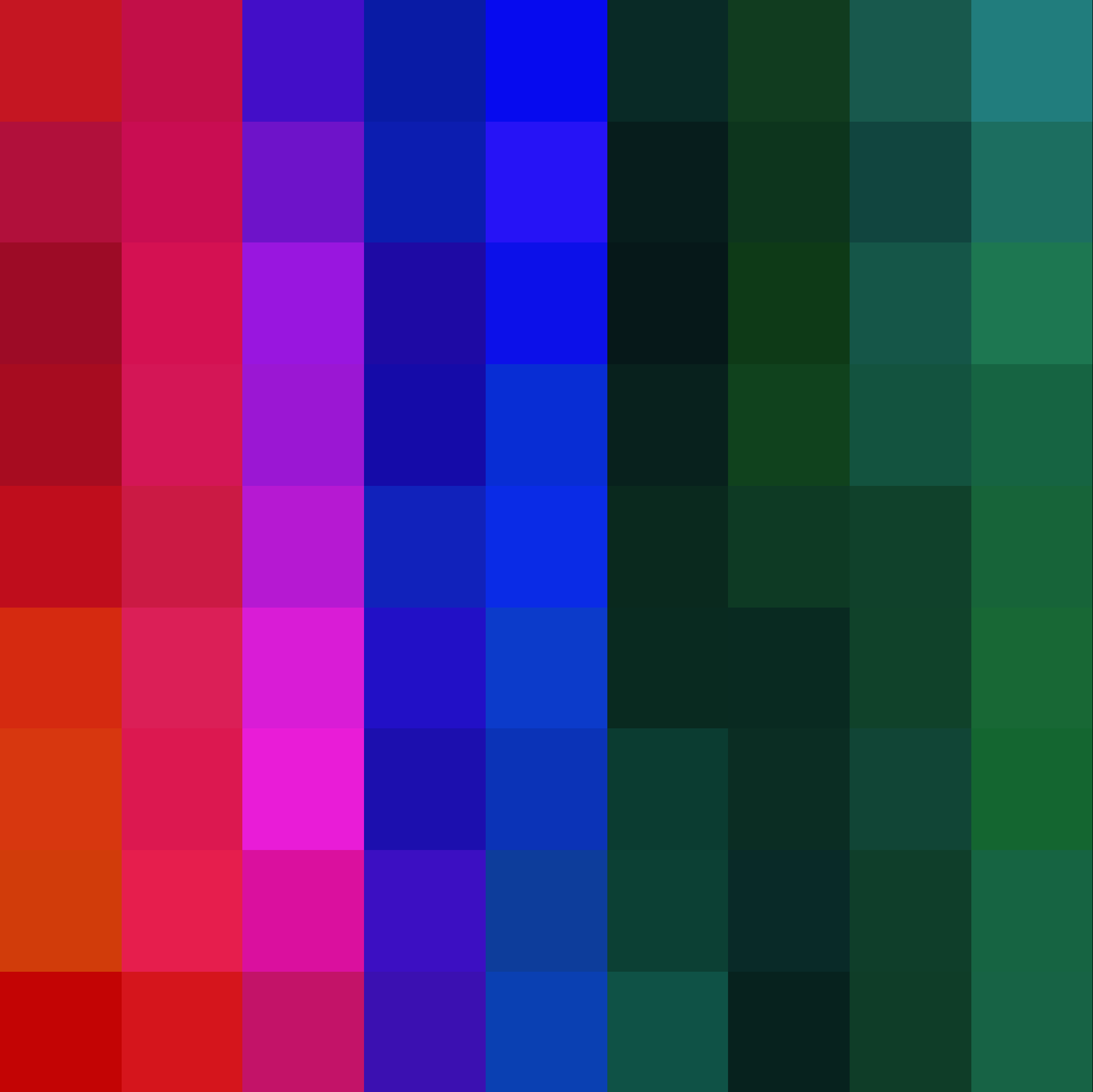
Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has quite some purple, some indigo, some cyan, a little bit of green, and a little bit of violet in it.
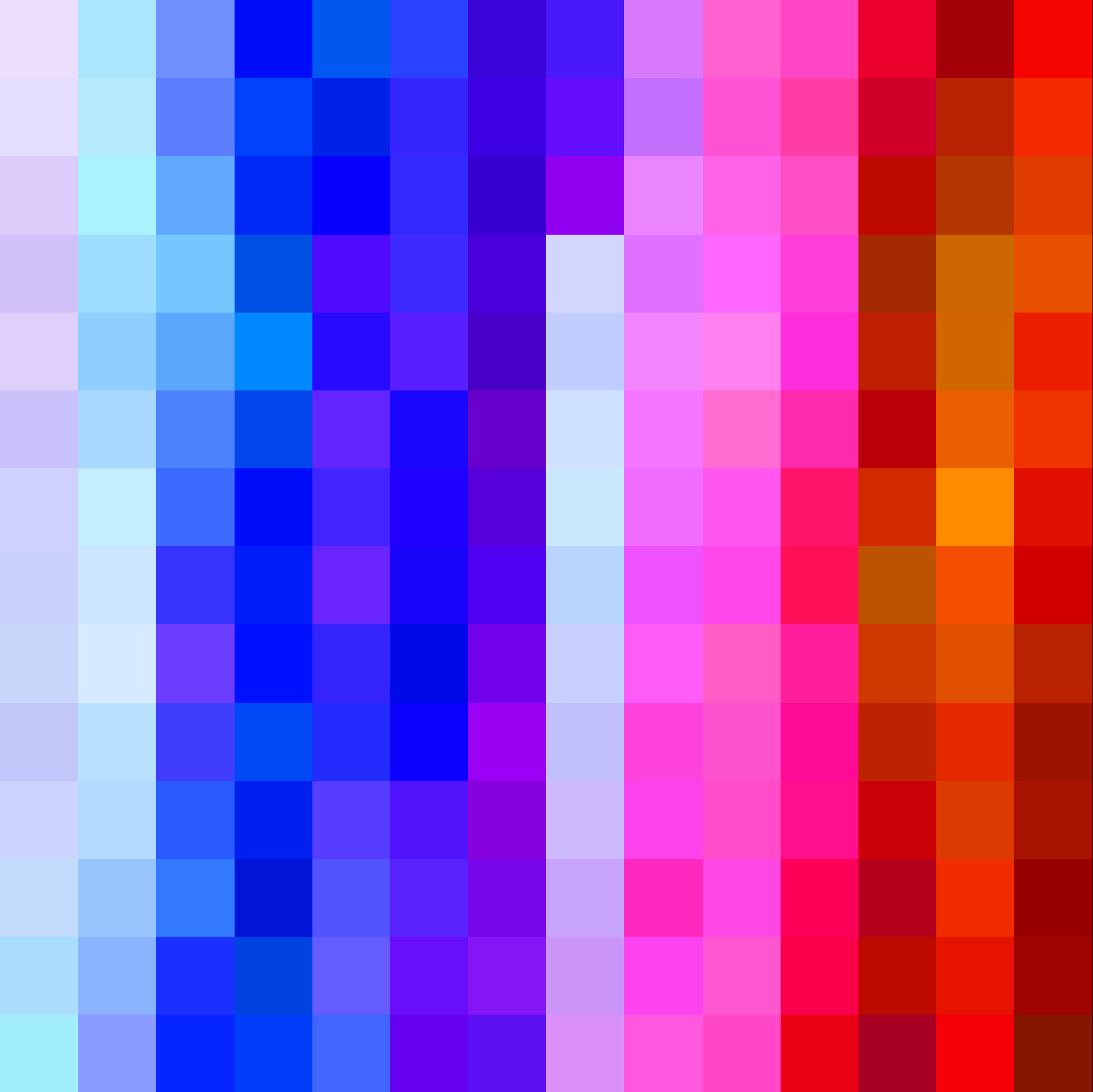
A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has quite some cyan, some indigo, a little bit of violet, a little bit of purple, a little bit of green, and a tiny bit of magenta in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has some blue, some magenta, a bit of indigo, a bit of purple, a little bit of rose, a little bit of cyan, a little bit of red, a tiny bit of violet, and a tiny bit of lime in it.

There's a very, very colourful pixel gradient in this 9 by 9 grid. It is mostly green, but it also has some cyan, some blue, some red, a bit of rose, a bit of indigo, a little bit of magenta, a little bit of purple, and a tiny bit of violet in it.
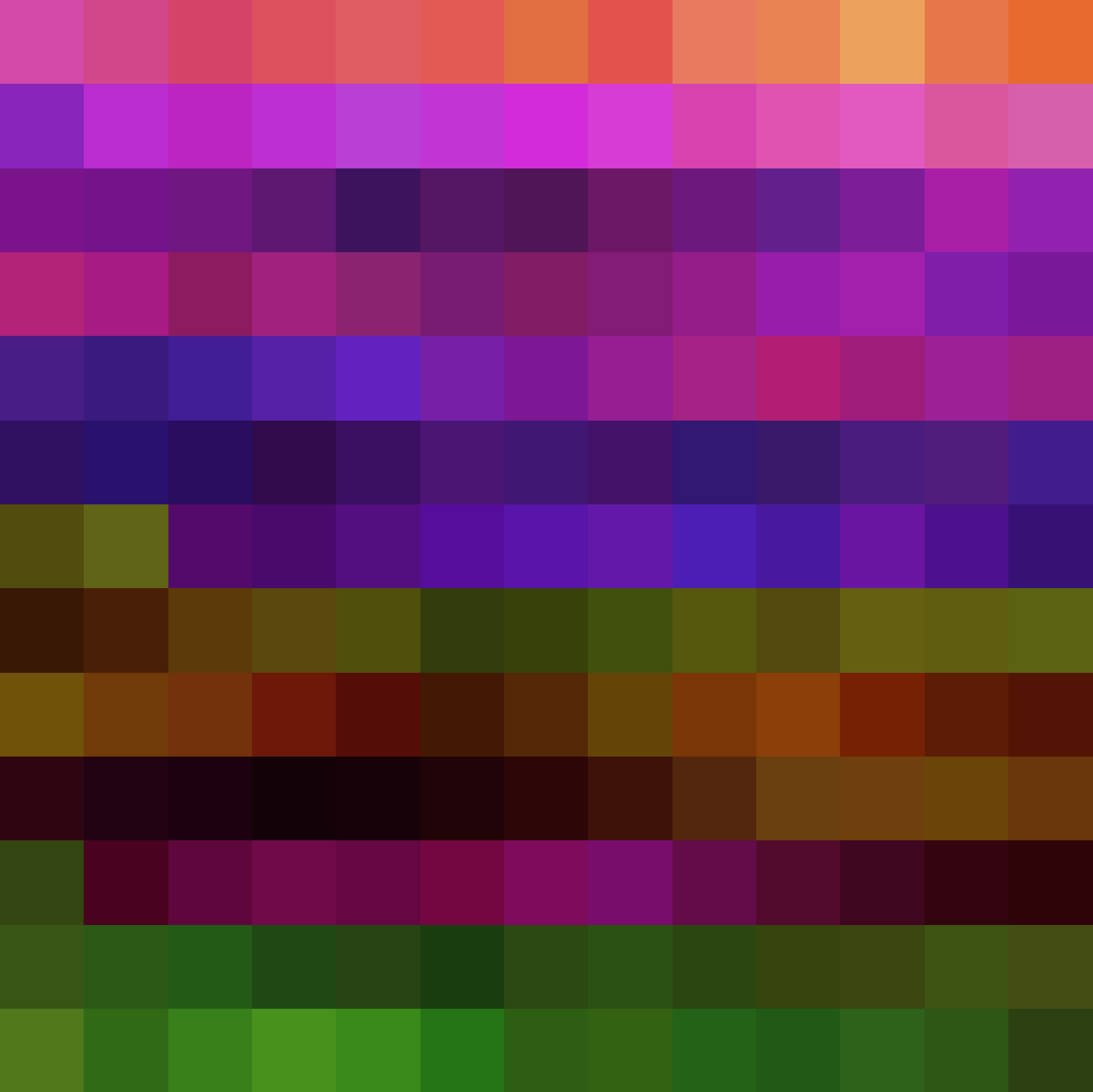
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some indigo, some red, some magenta, a little bit of orange, a little bit of violet, a little bit of purple, a little bit of rose, and a tiny bit of cyan in it.

The very, very colourful gradient in this 11 by 11 pixel grid is mostly blue, and it also has quite some magenta, some indigo, a bit of yellow, a bit of violet, a bit of purple, a little bit of orange, and a tiny bit of cyan in it.
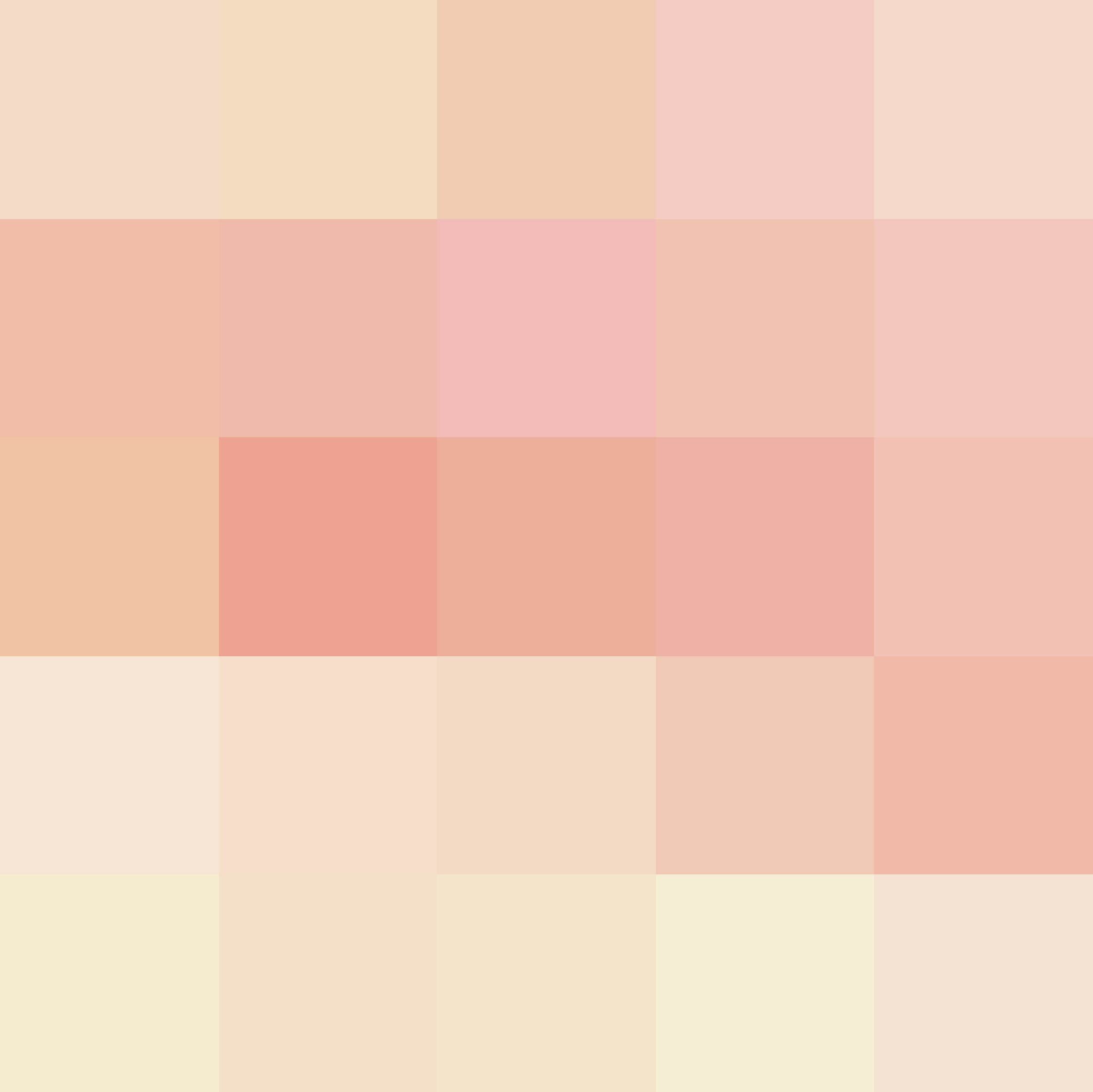
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has a bit of purple, a bit of blue, a bit of indigo, a little bit of red, a little bit of cyan, a little bit of orange, a little bit of lime, a little bit of violet, and a tiny bit of yellow in it.
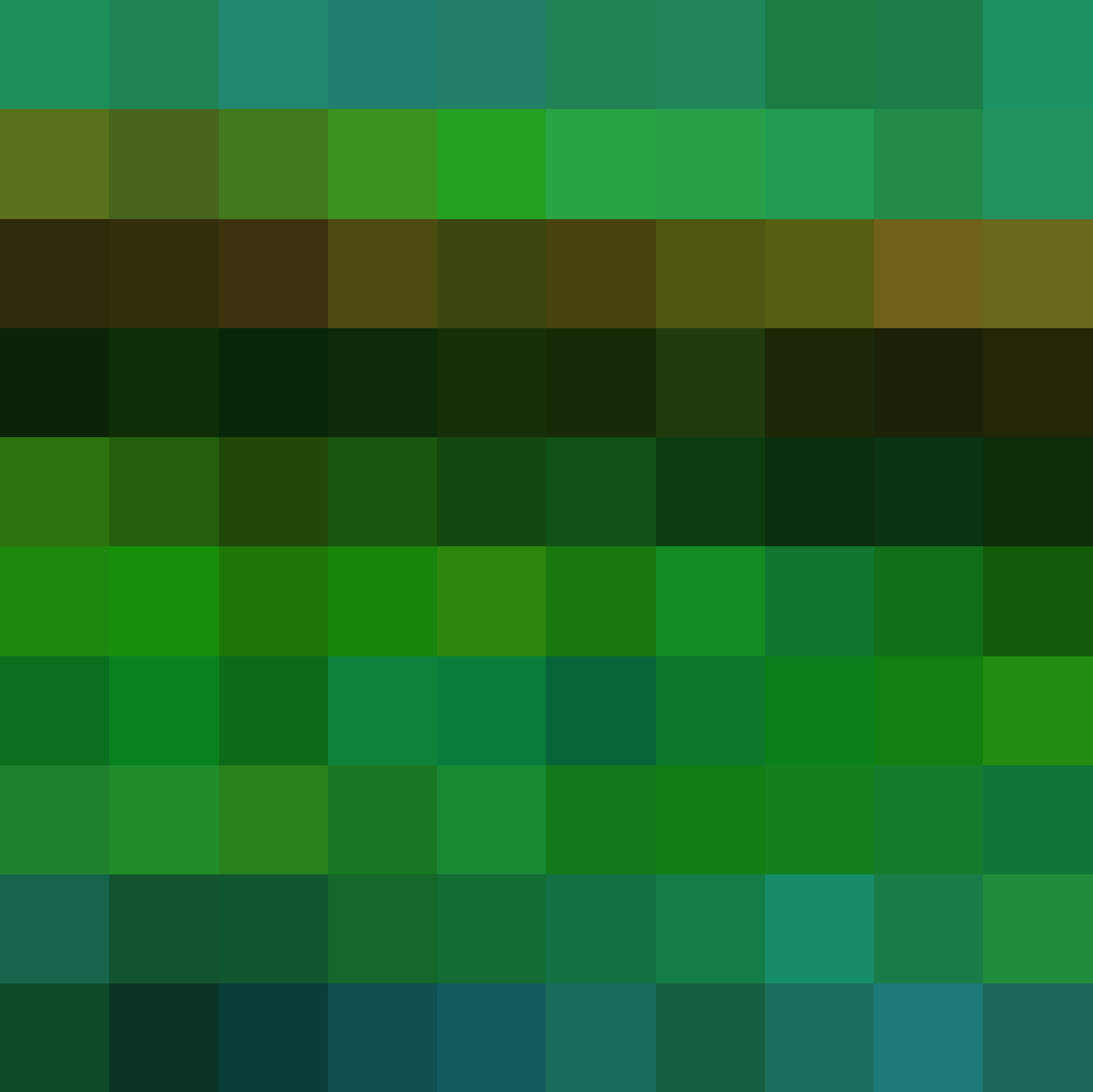
This colourful gradient, generated in this 13 by 13 pixel grid, is mostly red, but it also has some green, some orange, a bit of yellow, and a tiny bit of lime in it.

This colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly orange, but it also has quite some red, quite some green, quite some yellow, and a little bit of lime in it.
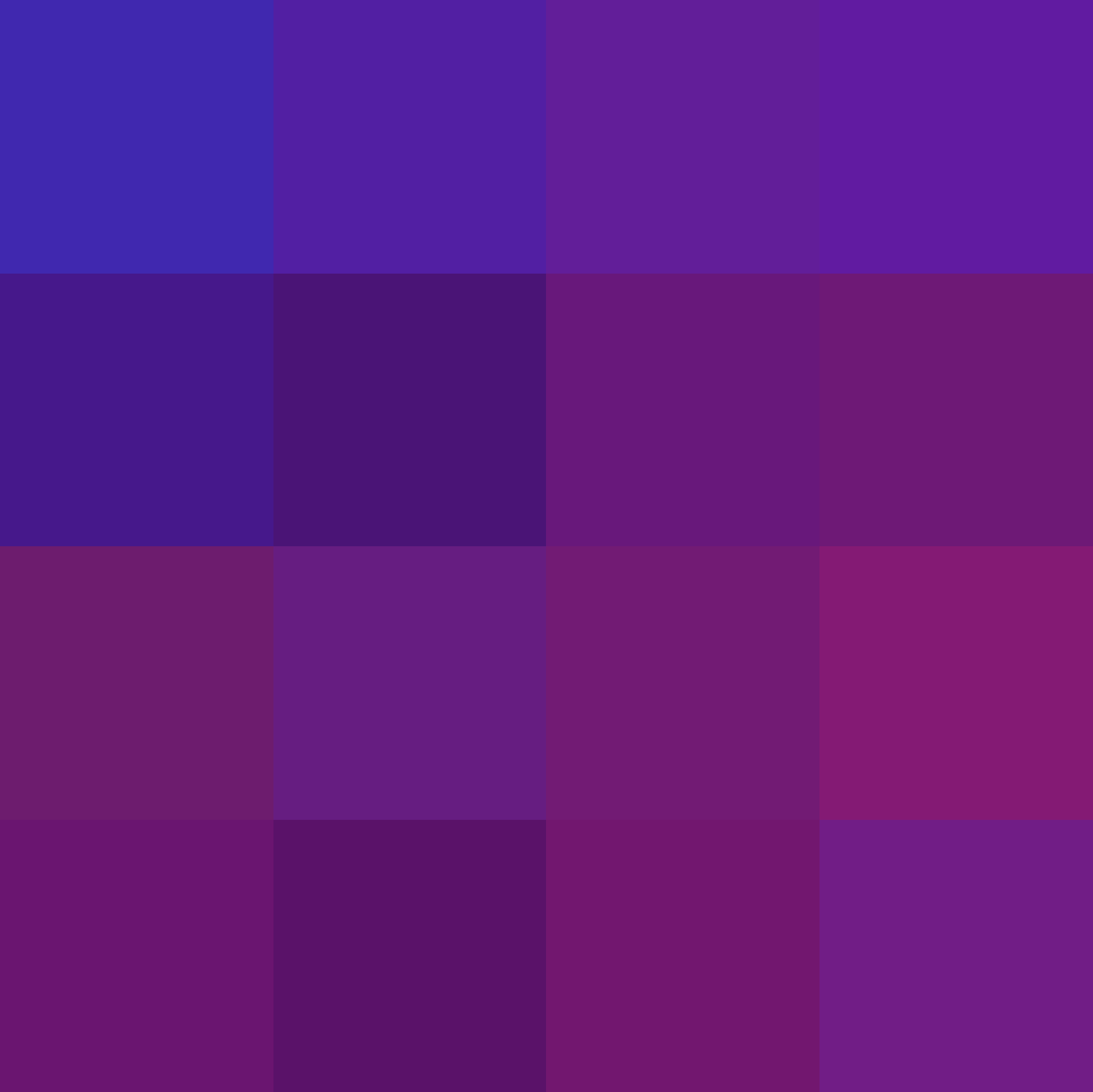
There's a two tone pixel gradient in this 5 by 5 grid. It is mostly orange, and it also has quite some red in it.
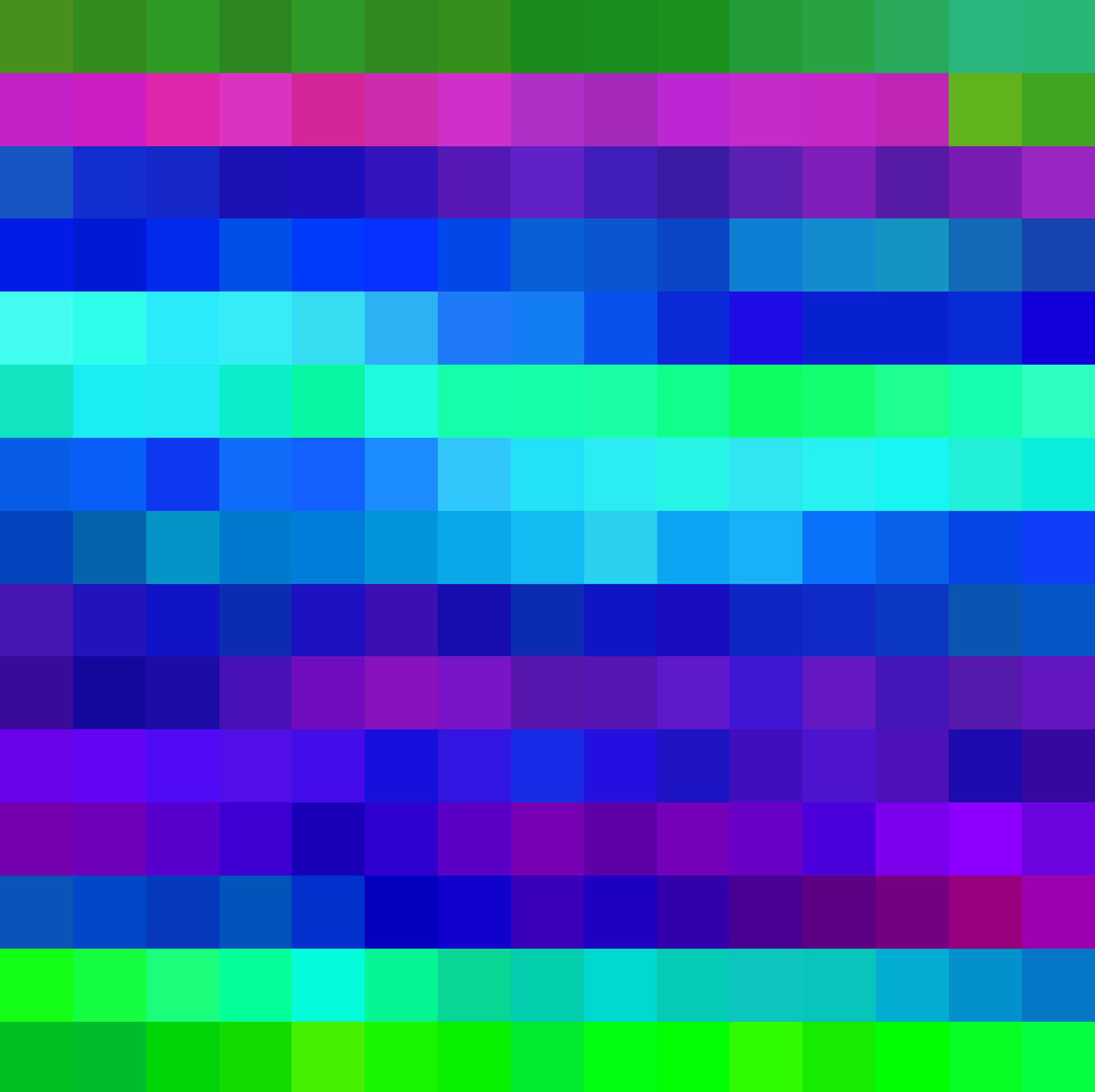
A grid with 100 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has a bit of cyan, a bit of yellow, a tiny bit of lime, and a tiny bit of orange in it.
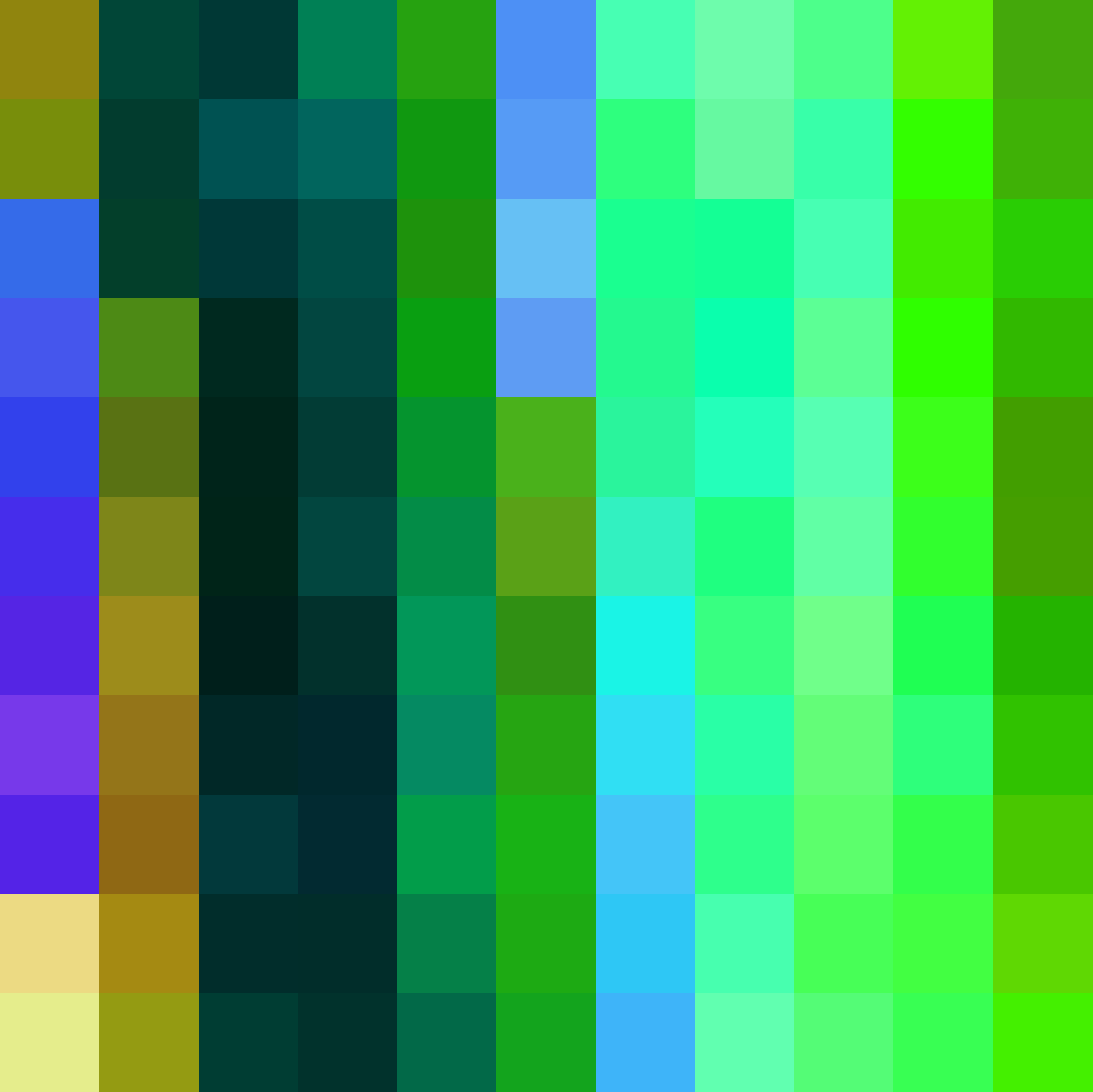
The cells in this 14 by 14 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some red, quite some orange, a little bit of lime, a little bit of cyan, and a tiny bit of yellow in it.
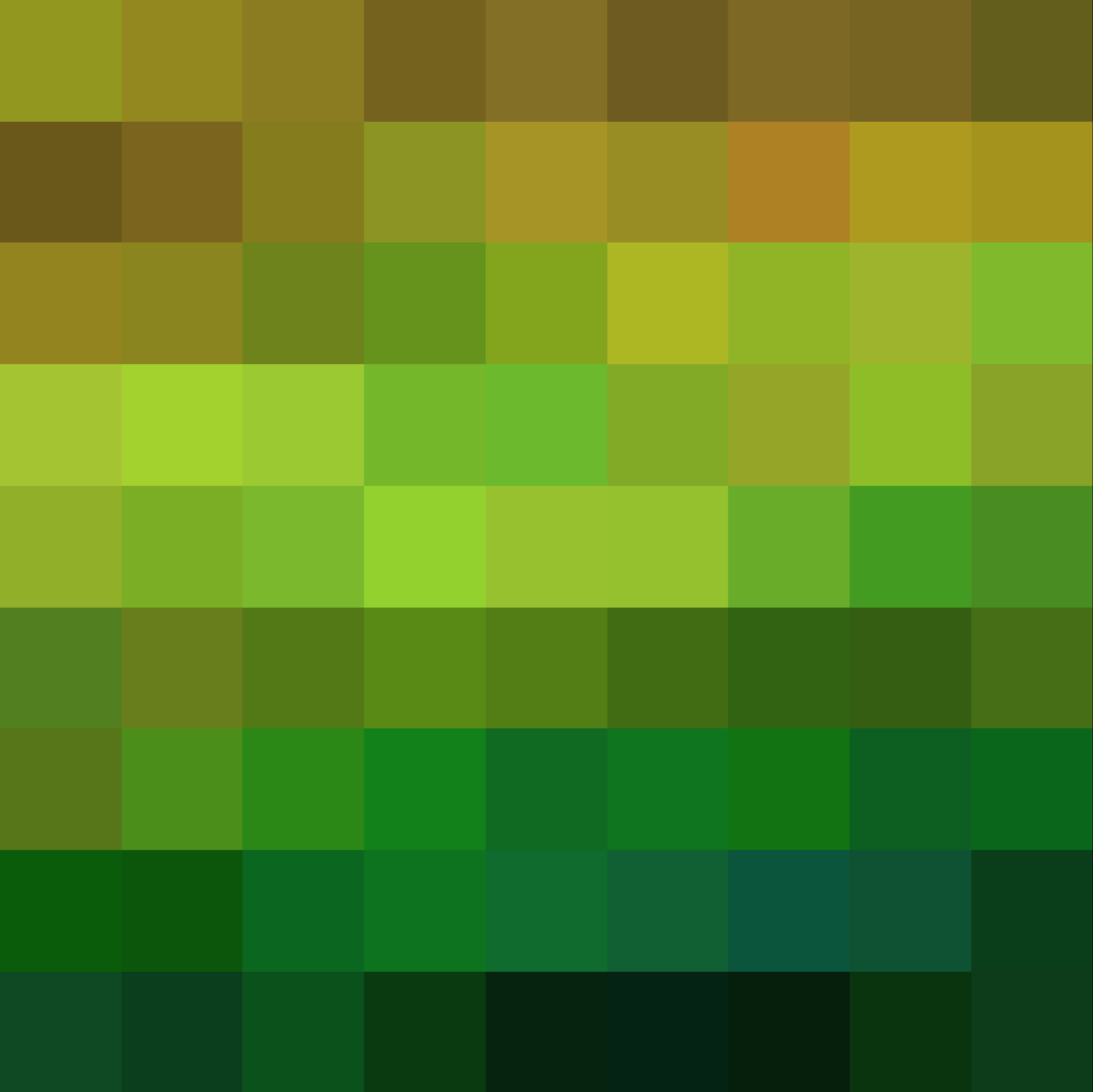
The gradient in this 4 by 4 pixel grid is mostly purple, and it also has quite some magenta, some violet, and a little bit of indigo in it.

A very colourful grid of 225 blocks. It's mostly blue, but it also has quite some green, some indigo, some cyan, a bit of violet, a bit of purple, and a little bit of magenta in it.

This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly green, and it also has quite some cyan, a bit of blue, a bit of yellow, a tiny bit of indigo, a tiny bit of orange, a tiny bit of violet, and a tiny bit of lime in it.

A grid of 81 blocks. It's mostly green, but it also has quite some yellow, some lime, and a little bit of orange in it.
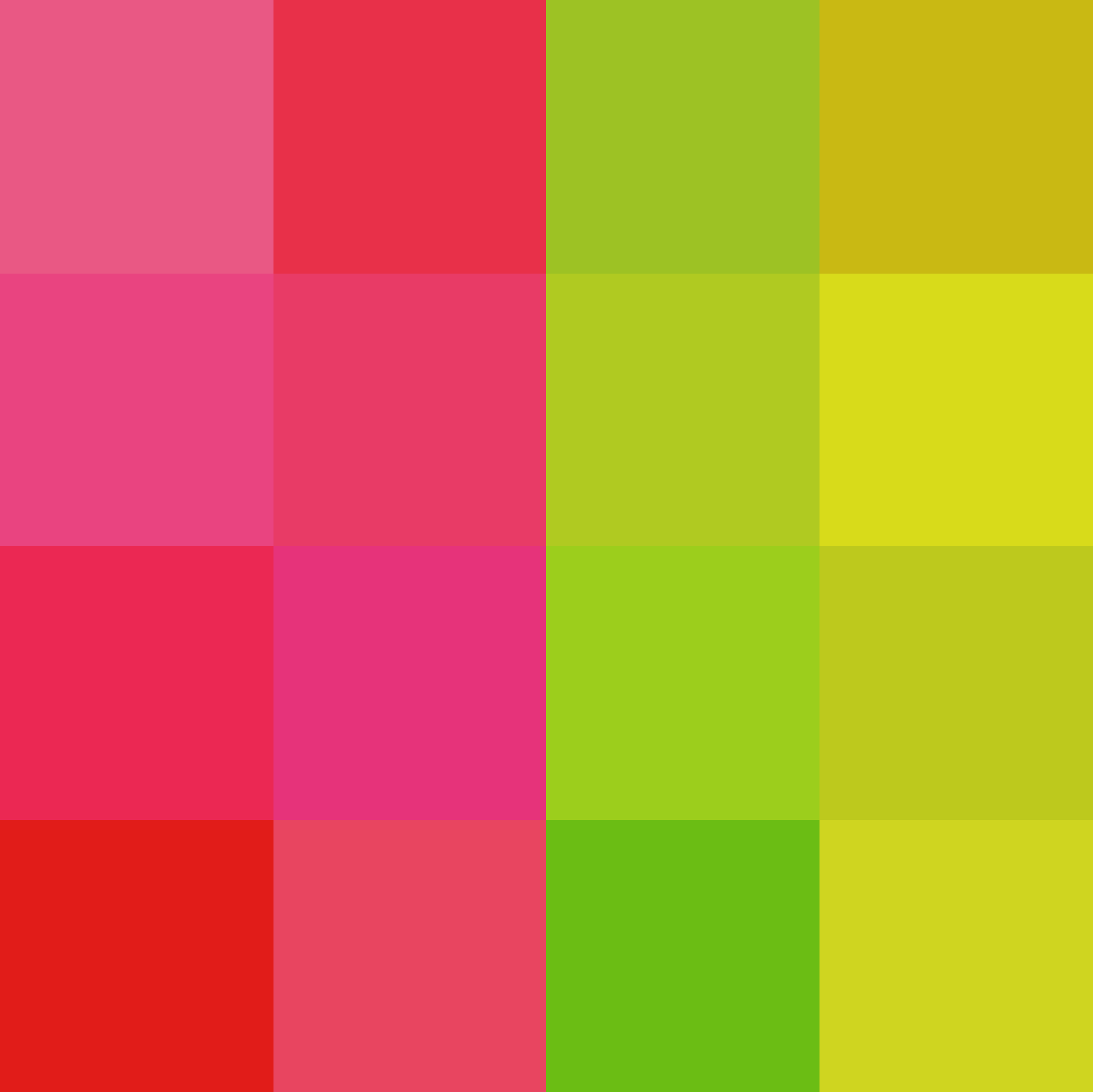
The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some indigo, some green, some purple, a bit of cyan, a bit of violet, a little bit of red, a little bit of magenta, and a little bit of orange in it.
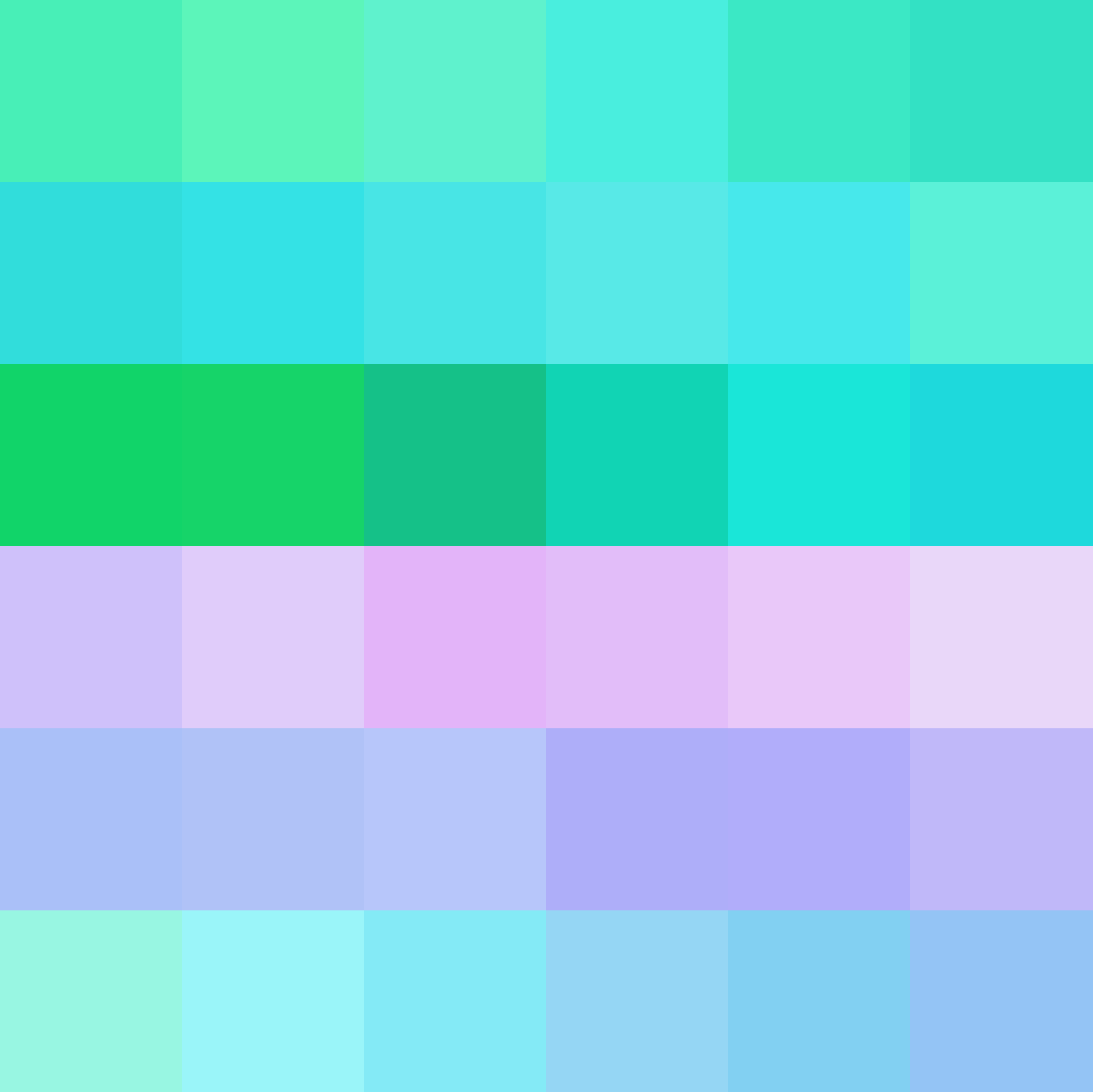
The gradient in this 5 by 5 pixel grid is mostly green, and it also has quite some blue, and quite some indigo in it.
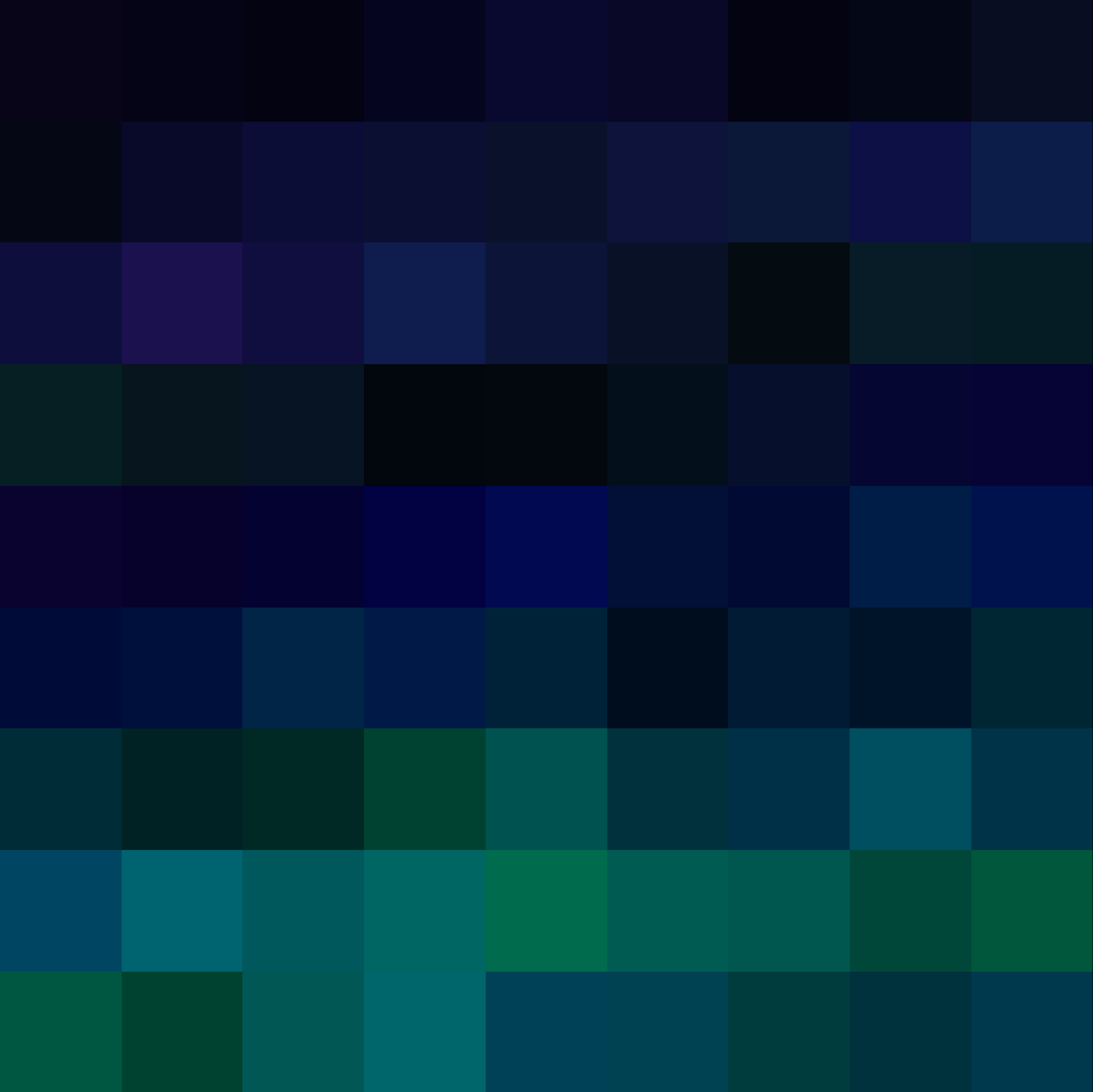
This colourful gradient, generated in this 11 by 11 pixel grid, is mostly yellow, and it also has quite some orange, quite some green, a bit of lime, and a tiny bit of red in it.
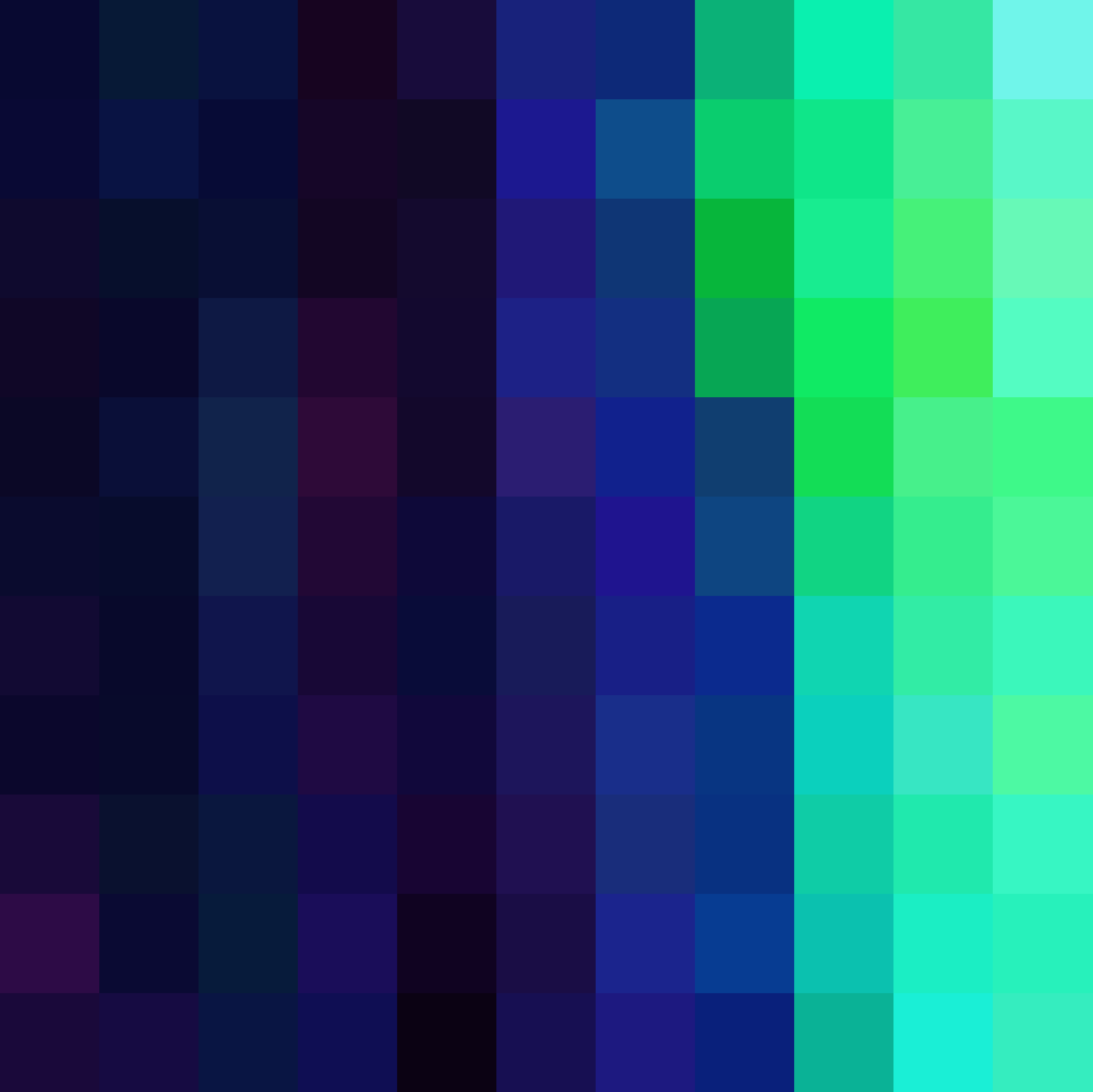
There's a pixel gradient in this 4 by 4 grid. It is mostly red, and it also has quite some yellow, some lime, and a little bit of green in it.
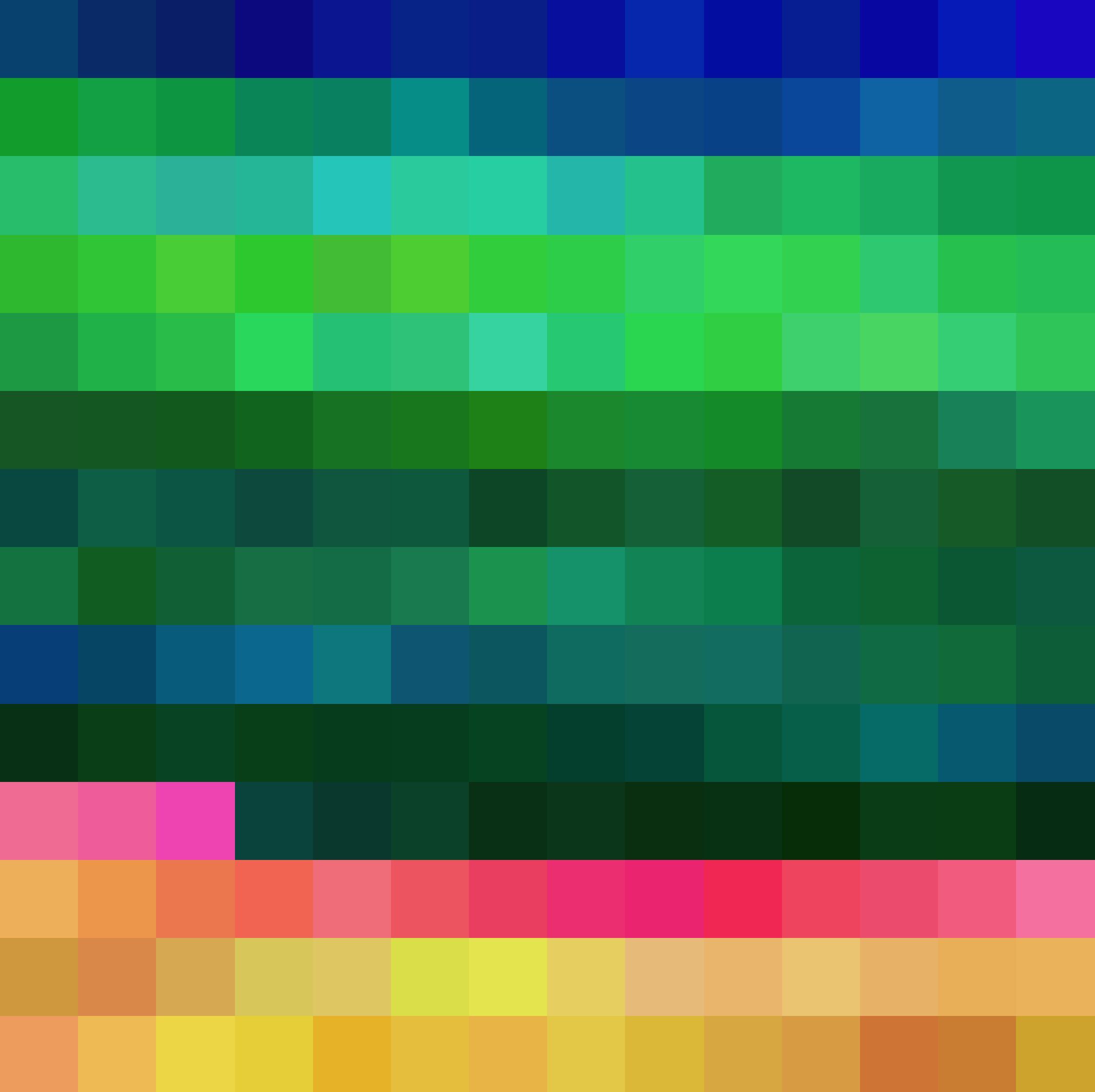
This very colourful gradient, generated in this 6 by 6 pixel grid, is mostly cyan, but it also has some blue, some green, some purple, a bit of indigo, and a little bit of violet in it.
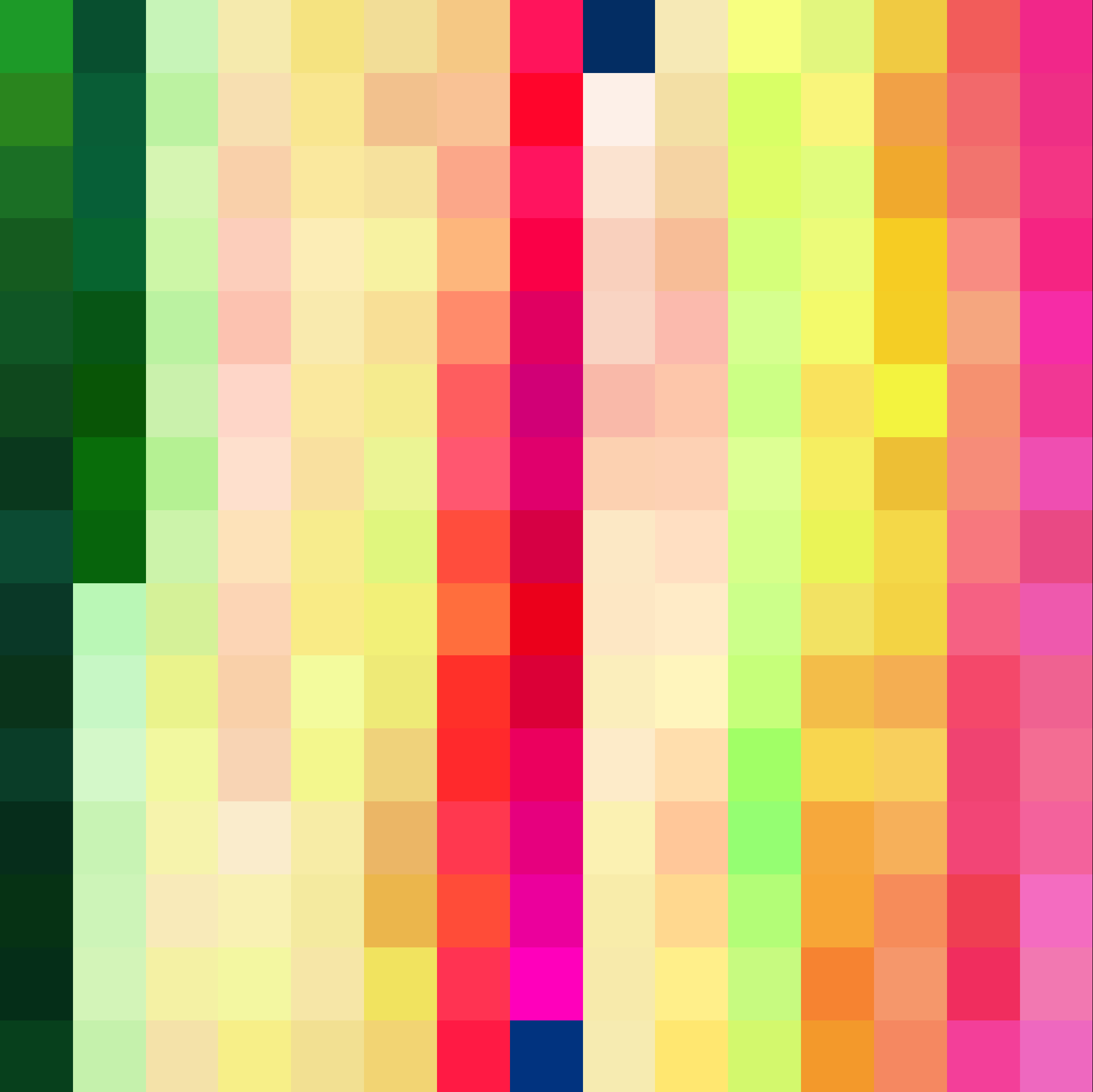
A grid of 81 blocks. It's mostly blue, but it also has quite some cyan, some indigo, and a little bit of green in it.

There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly blue, but it also has quite some indigo, quite some green, a bit of cyan, a little bit of violet, and a little bit of purple in it.
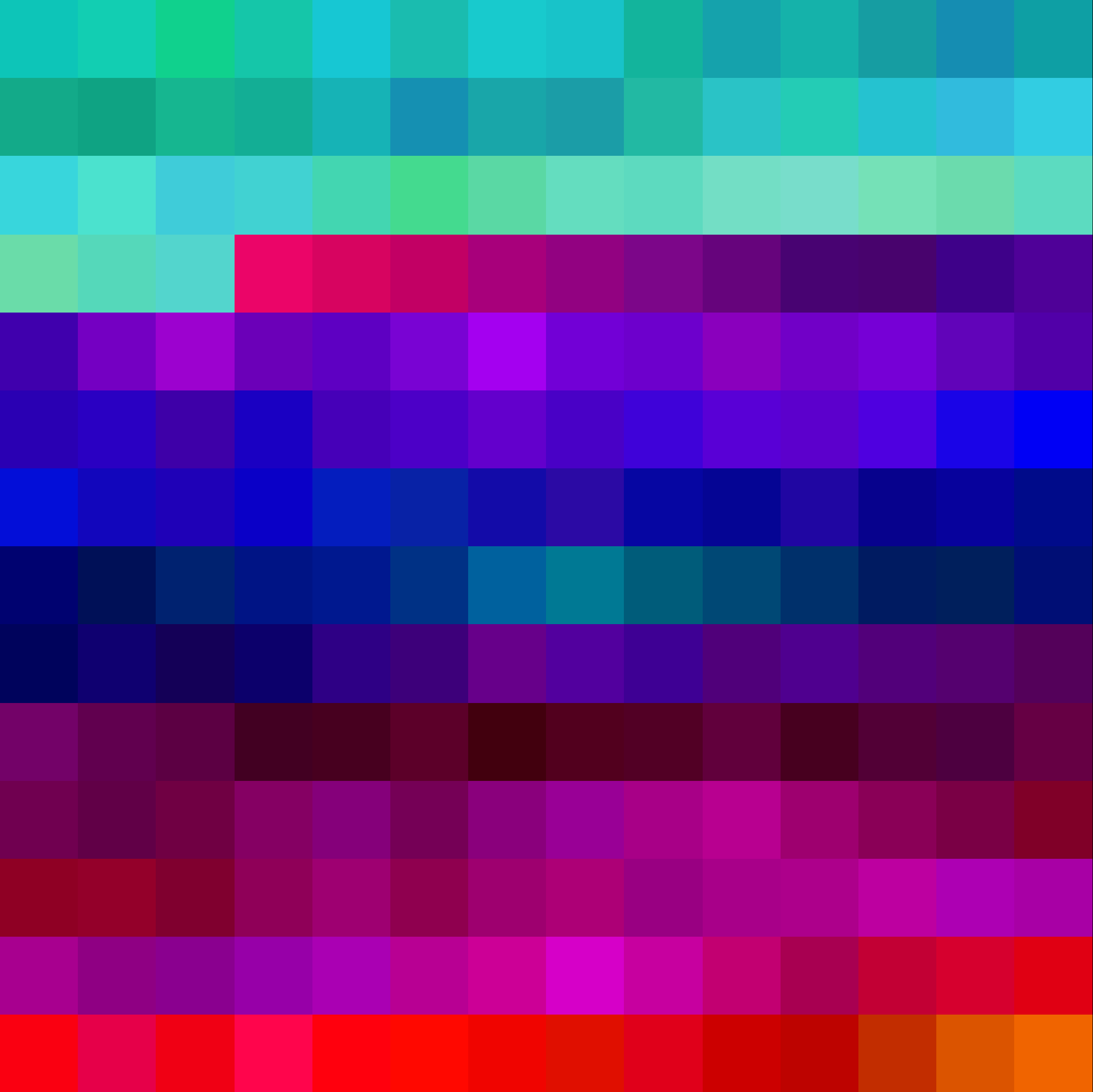
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has some blue, some cyan, some orange, a little bit of yellow, a little bit of red, a little bit of rose, a tiny bit of indigo, and a tiny bit of magenta in it.
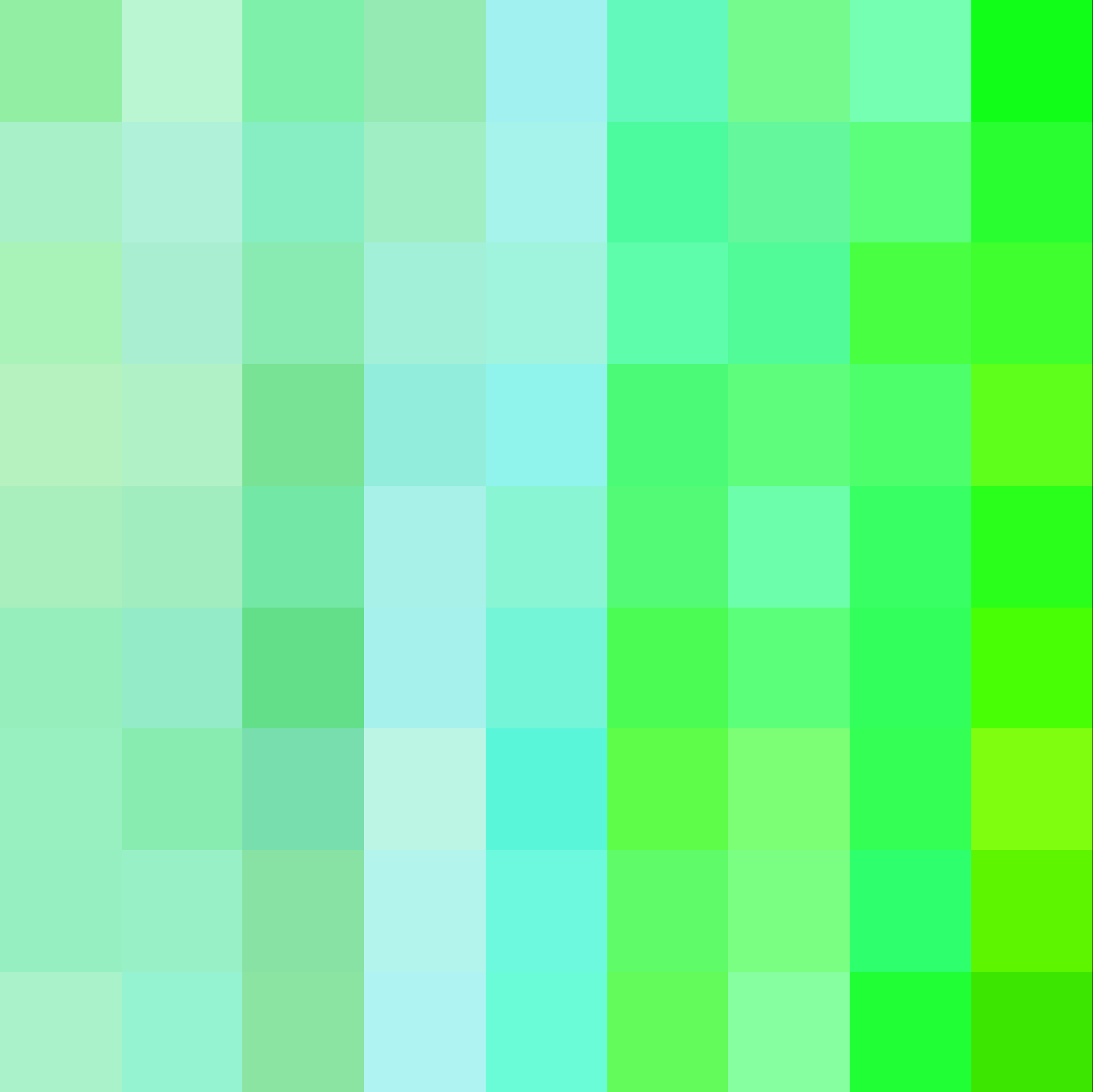
The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly yellow, but it also has quite some red, quite some orange, quite some green, a little bit of lime, and a tiny bit of blue in it.
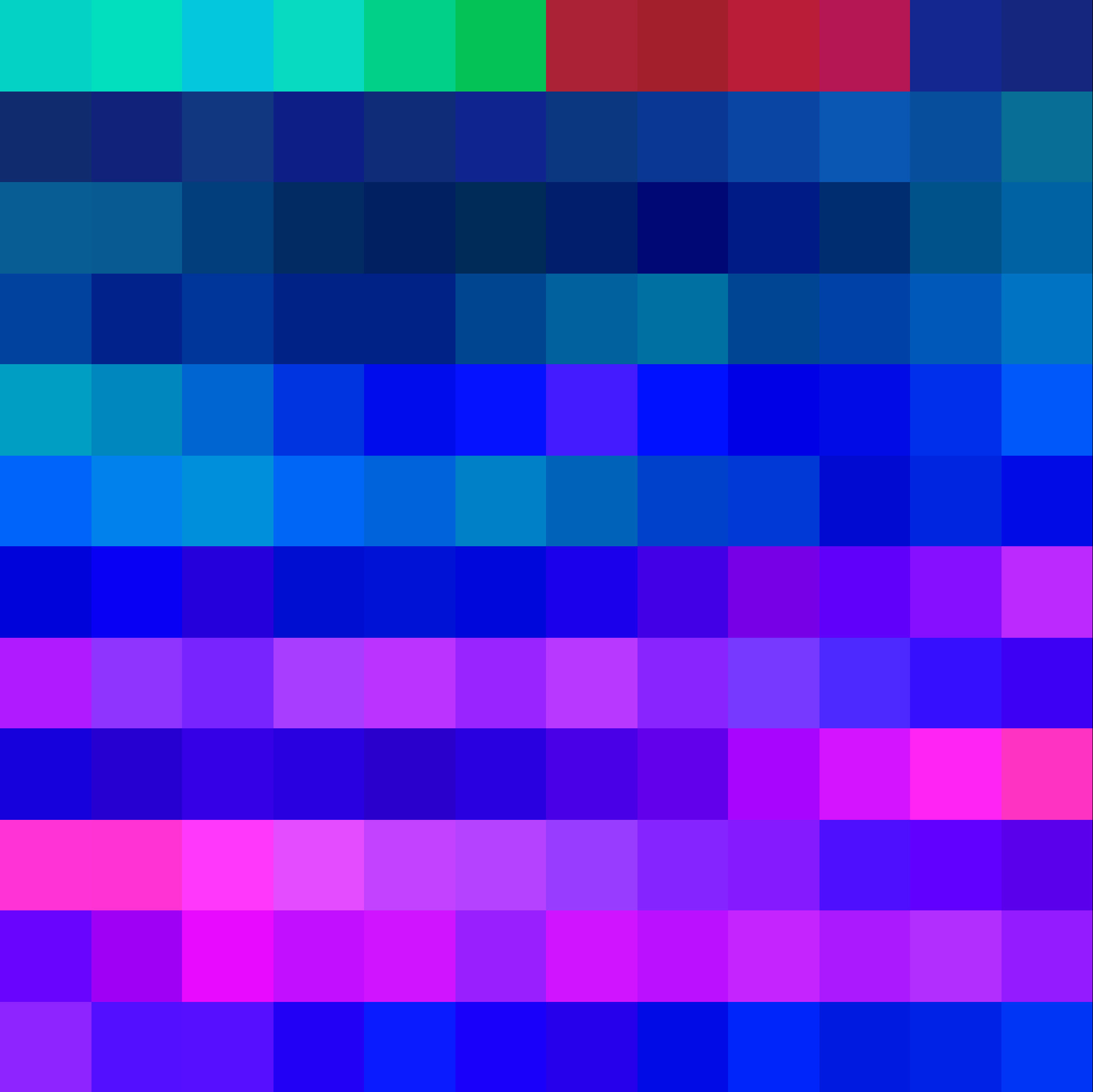
A 9 by 9 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, and it also has some magenta, some red, some orange, a bit of violet, a bit of rose, and a tiny bit of yellow in it.
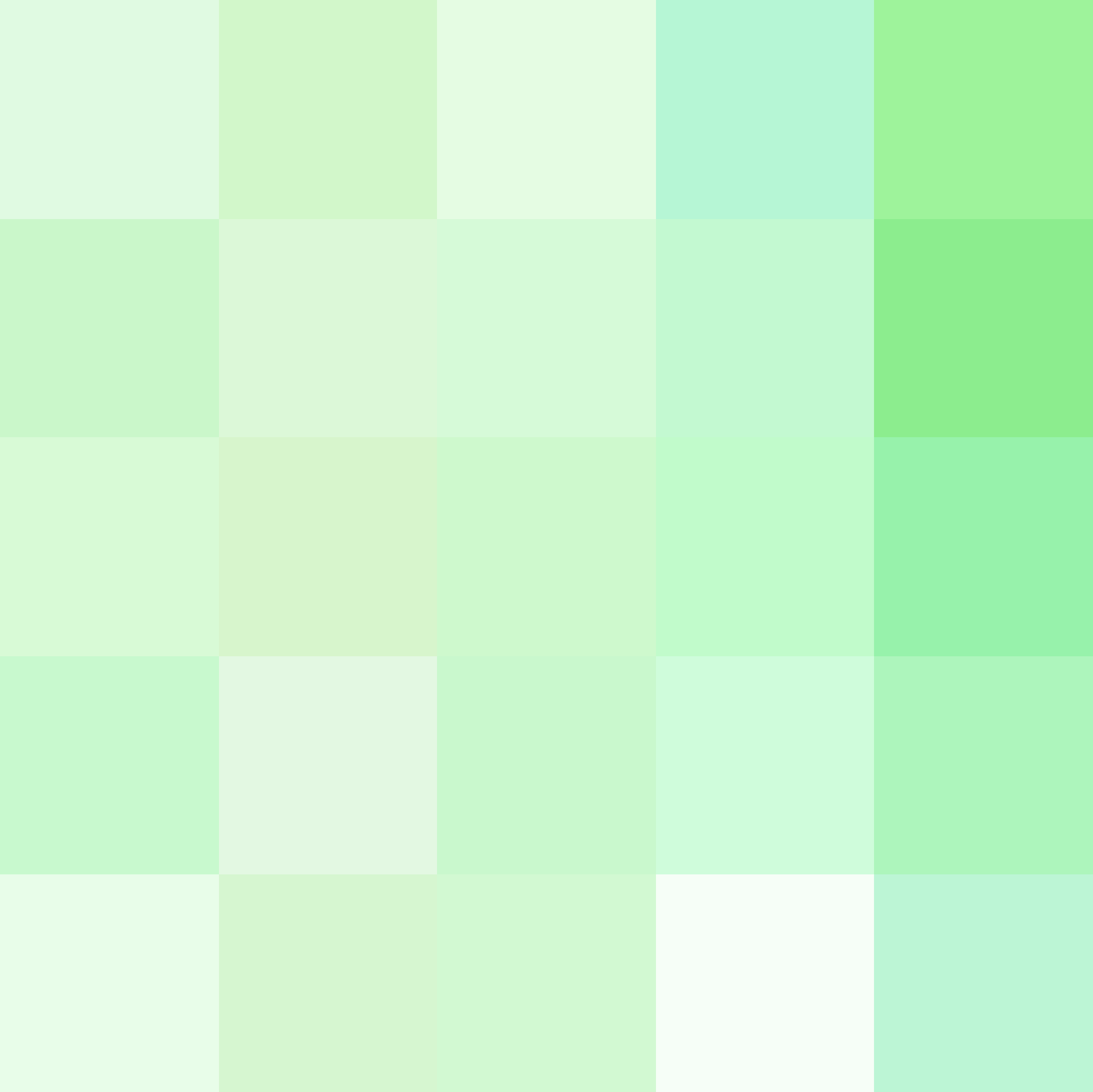
The very, very colourful gradient in this 14 by 14 pixel grid is mostly magenta, but it also has quite some cyan, some blue, some purple, a bit of rose, a bit of indigo, a bit of violet, a bit of red, a little bit of green, and a tiny bit of orange in it.
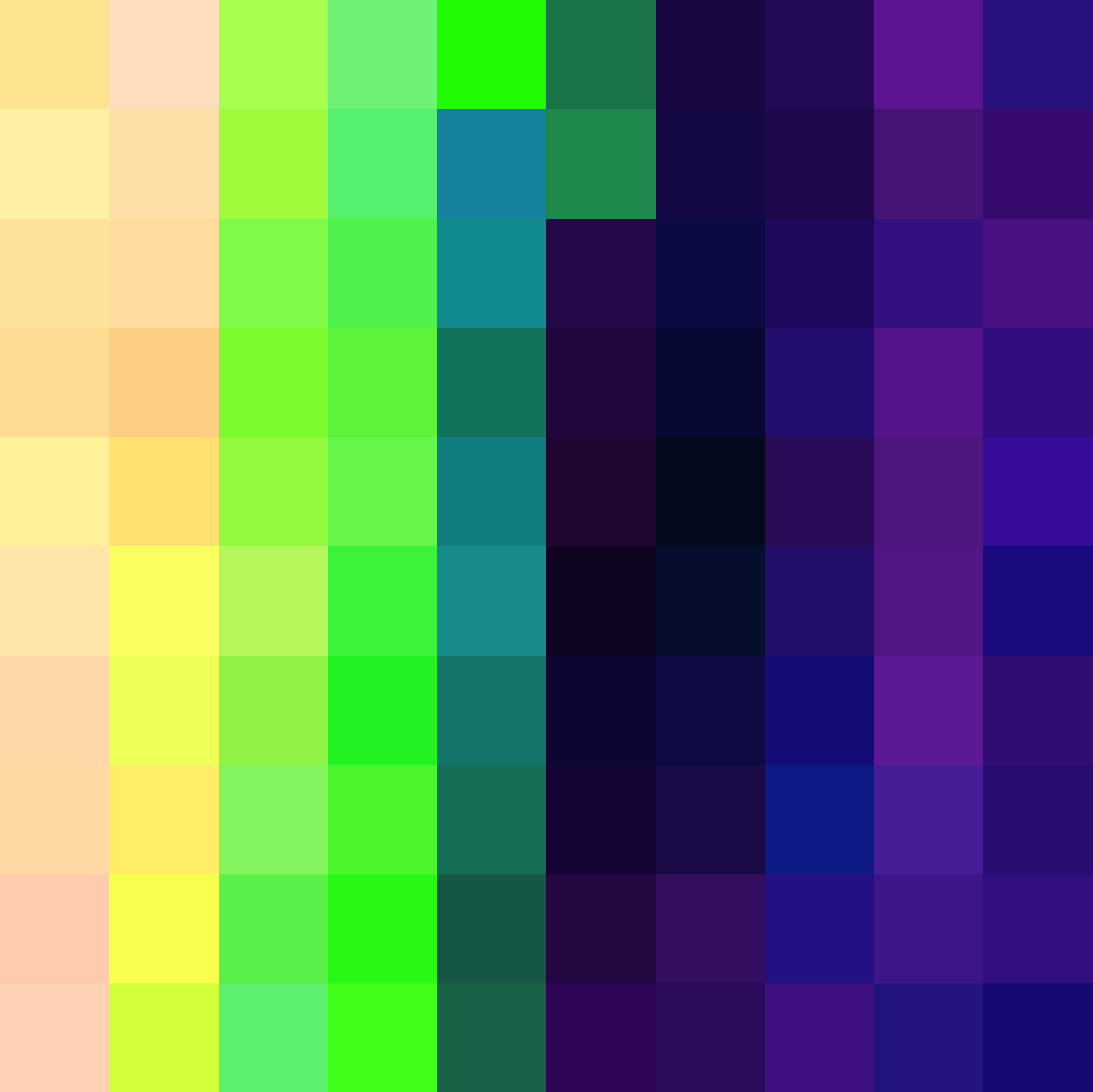
The two tone gradient in this 9 by 9 pixel grid is mostly green, but it also has some cyan in it.
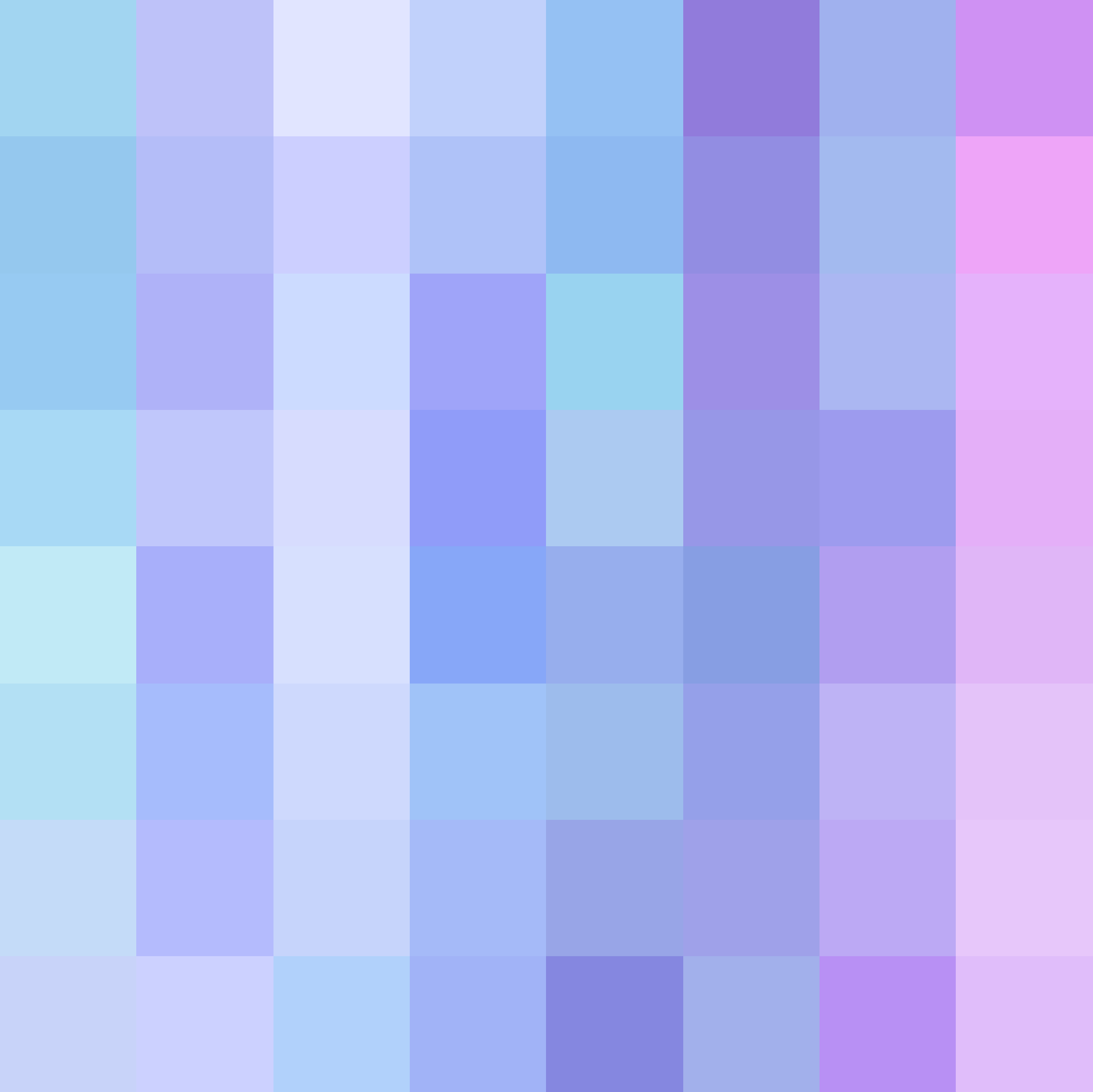
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has some indigo, some purple, a bit of violet, a little bit of magenta, a little bit of cyan, a tiny bit of red, a tiny bit of green, and a tiny bit of rose in it.

A grid with 25 coloured squares that form a monochrome gradient. The colours are various shades of green.
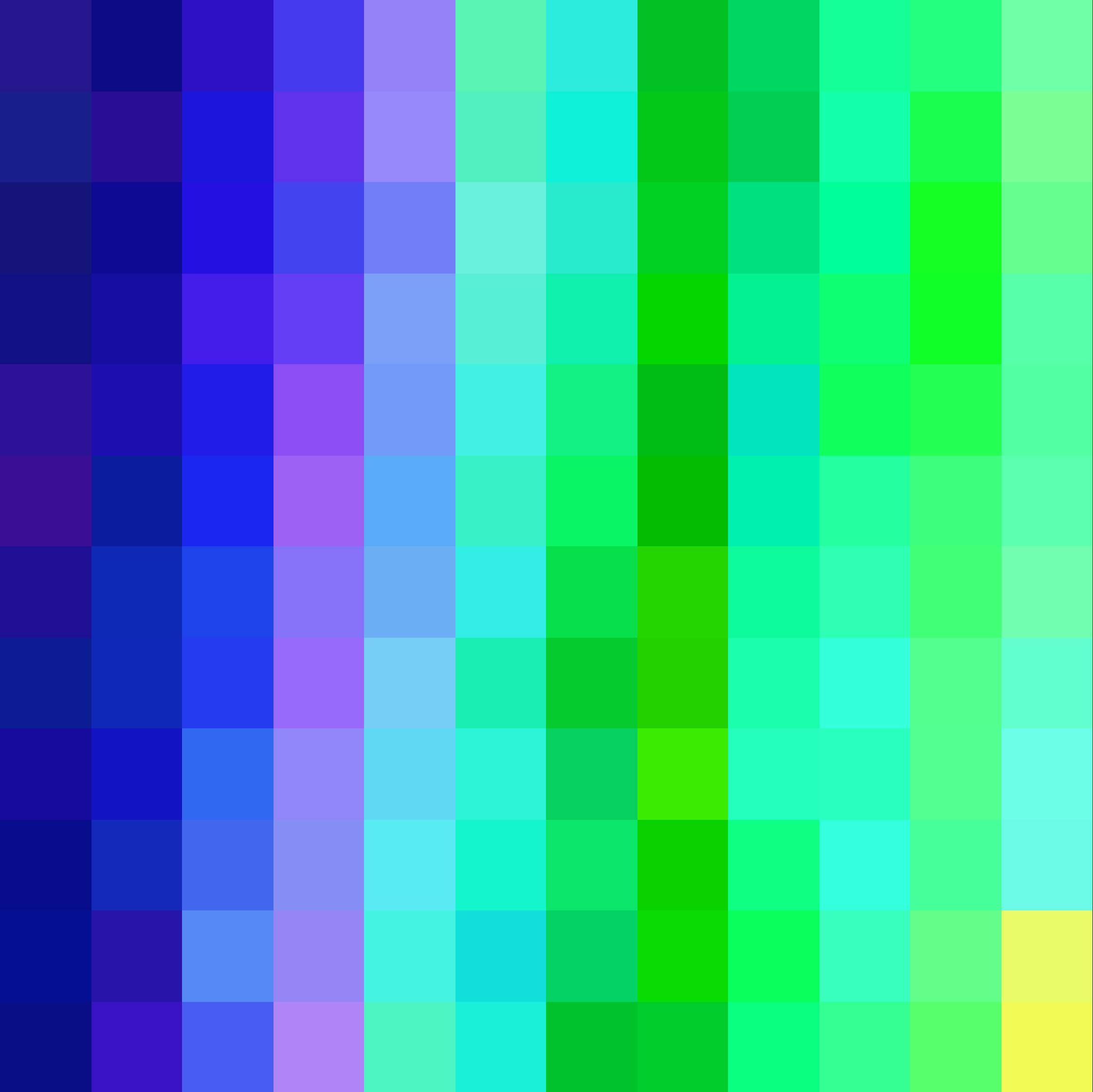
A grid with 100 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some indigo, some violet, some orange, a bit of yellow, a bit of cyan, a bit of purple, a little bit of blue, and a tiny bit of lime in it.
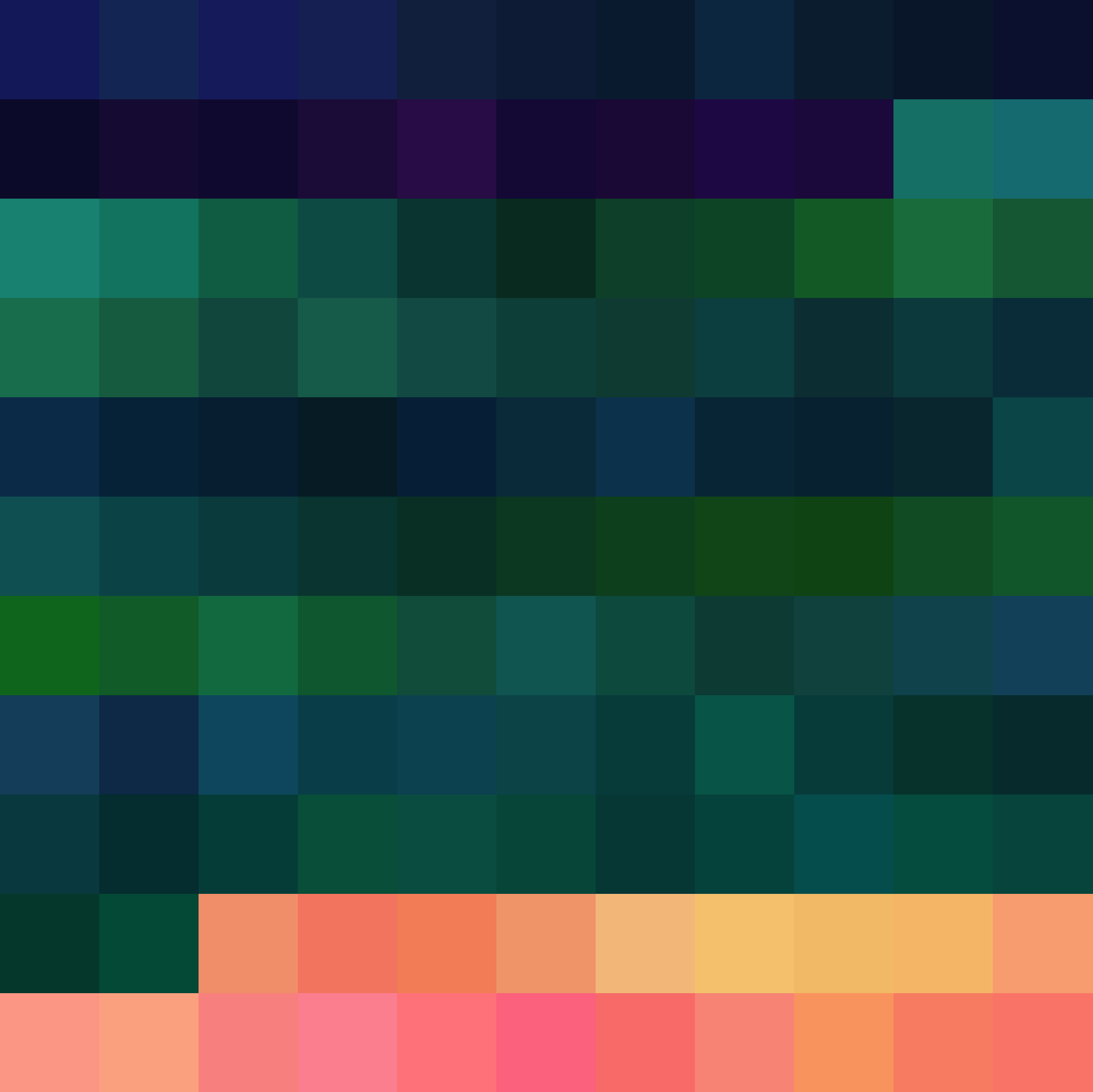
An 8 by 8 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some indigo, some purple, a tiny bit of cyan, a tiny bit of violet, and a tiny bit of magenta in it.
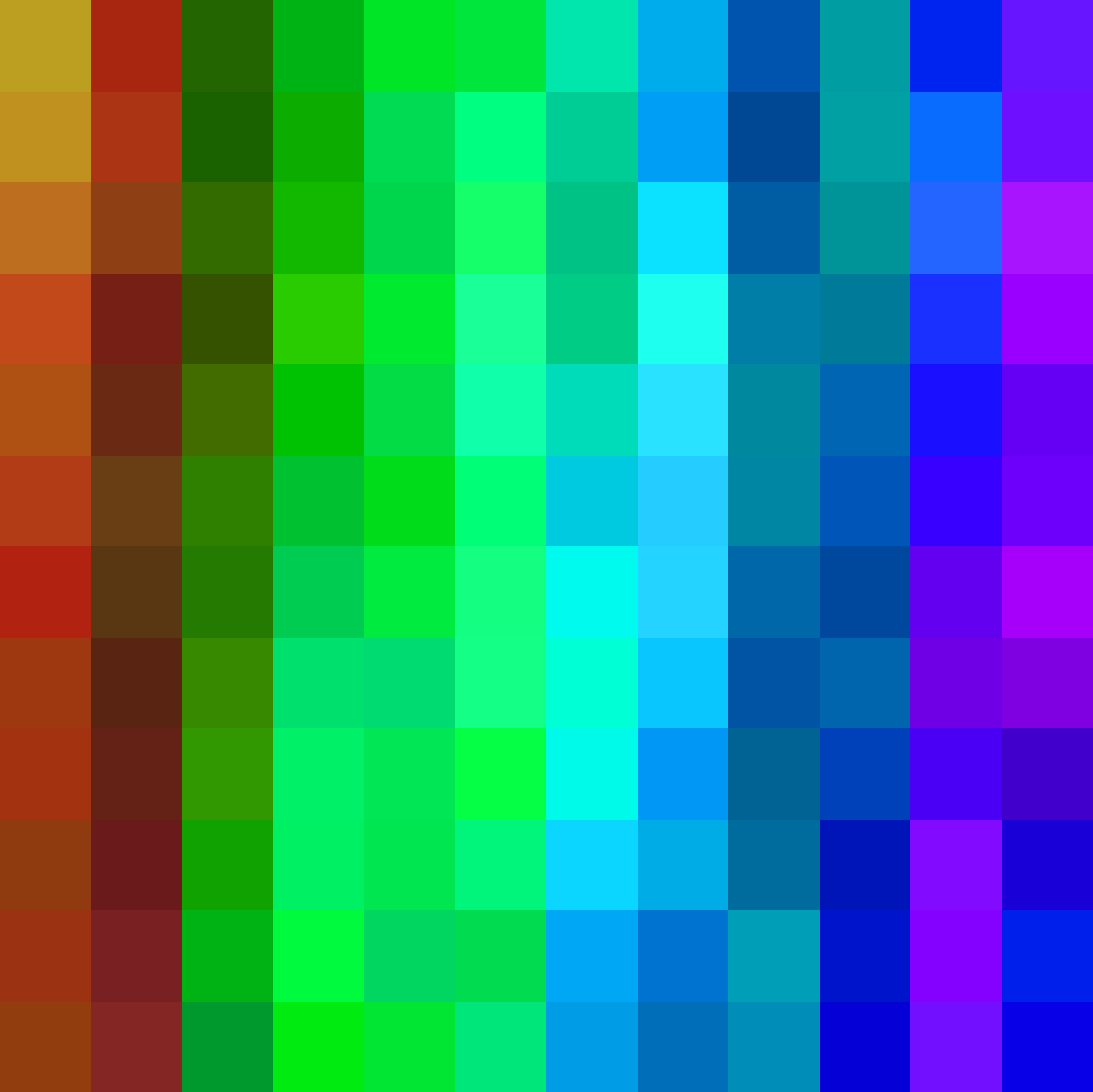
Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly blue, and it also has quite some indigo, some cyan, and a little bit of violet in it.

A 12 by 12 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some blue, some indigo, some cyan, a tiny bit of violet, and a tiny bit of yellow in it.
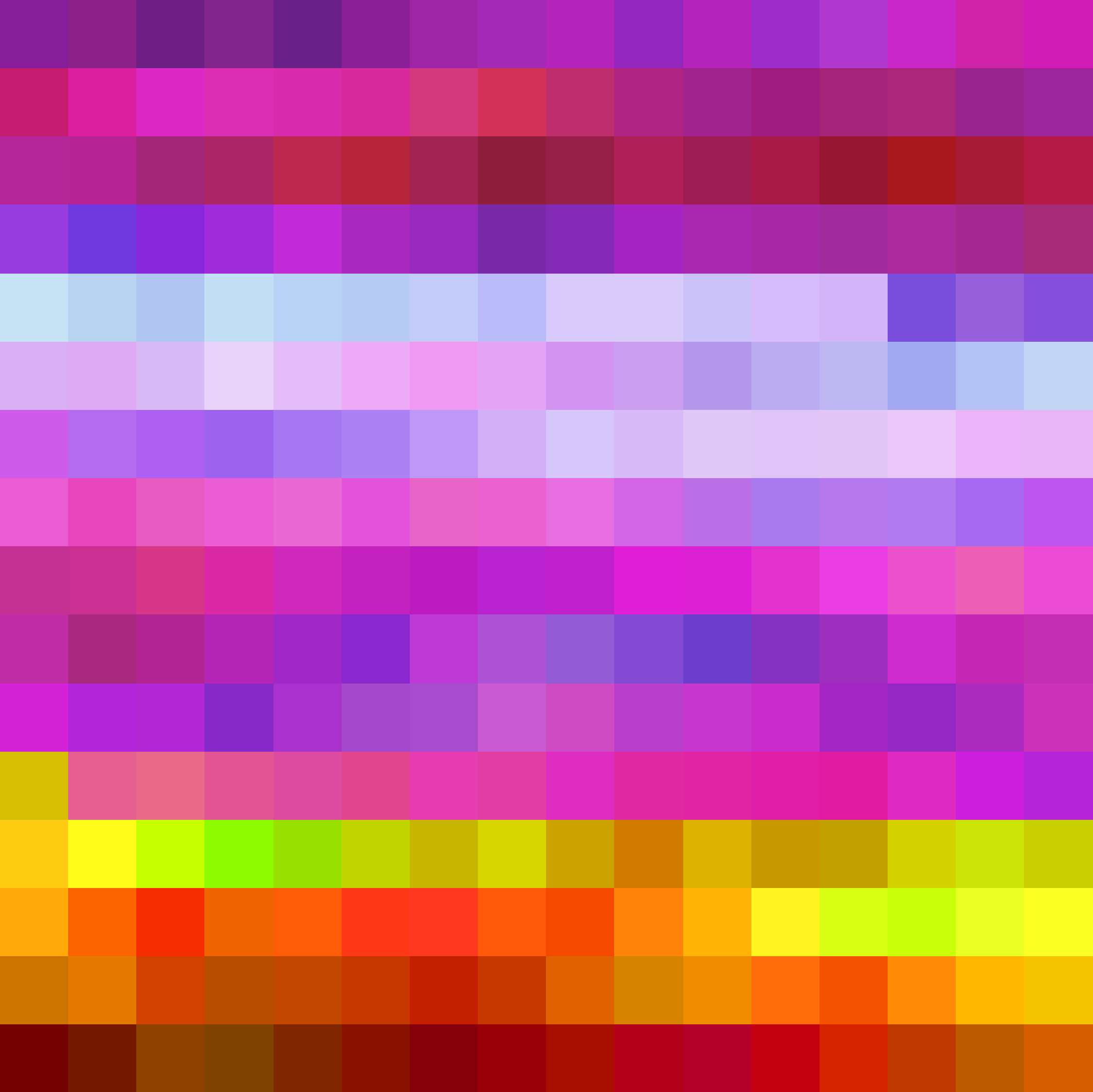
An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, some green, a bit of red, a bit of orange, a little bit of violet, and a little bit of indigo in it.
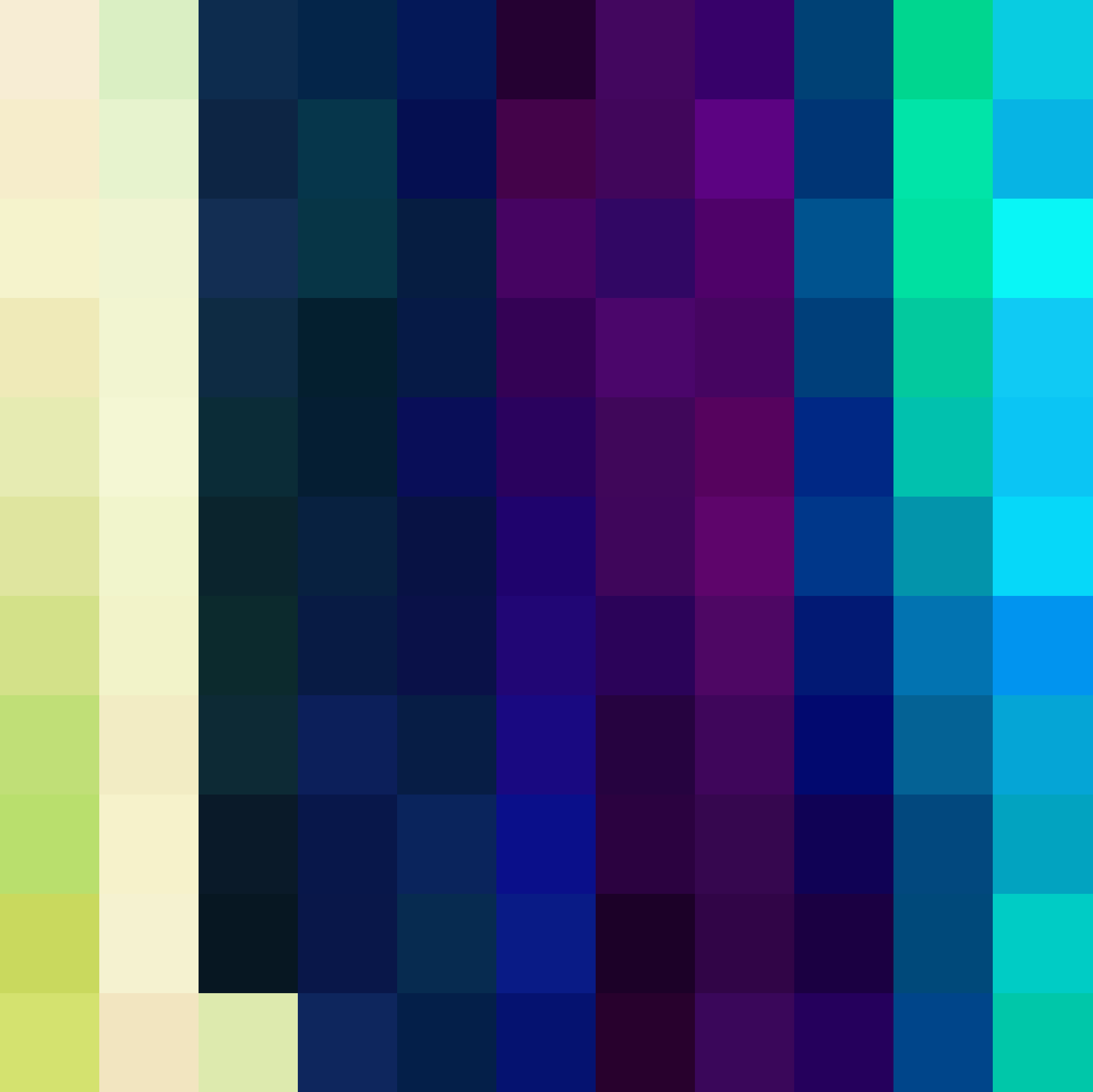
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some blue, some cyan, a bit of orange, a bit of red, a little bit of violet, a little bit of indigo, a little bit of purple, and a tiny bit of yellow in it.
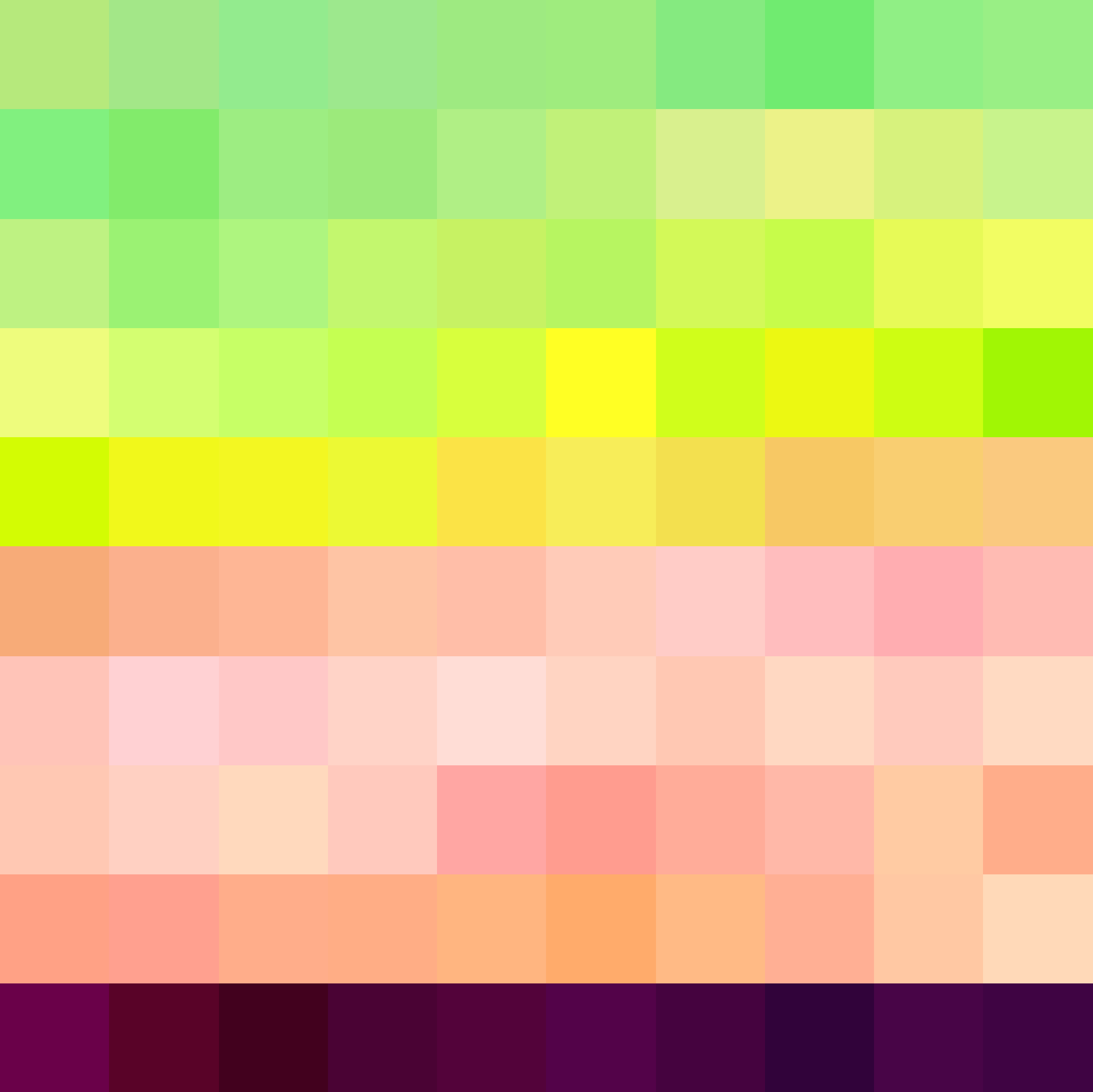
A colourful grid of 49 blocks. It's mostly red, and it also has quite some yellow, quite some orange, a tiny bit of purple, and a tiny bit of violet in it.
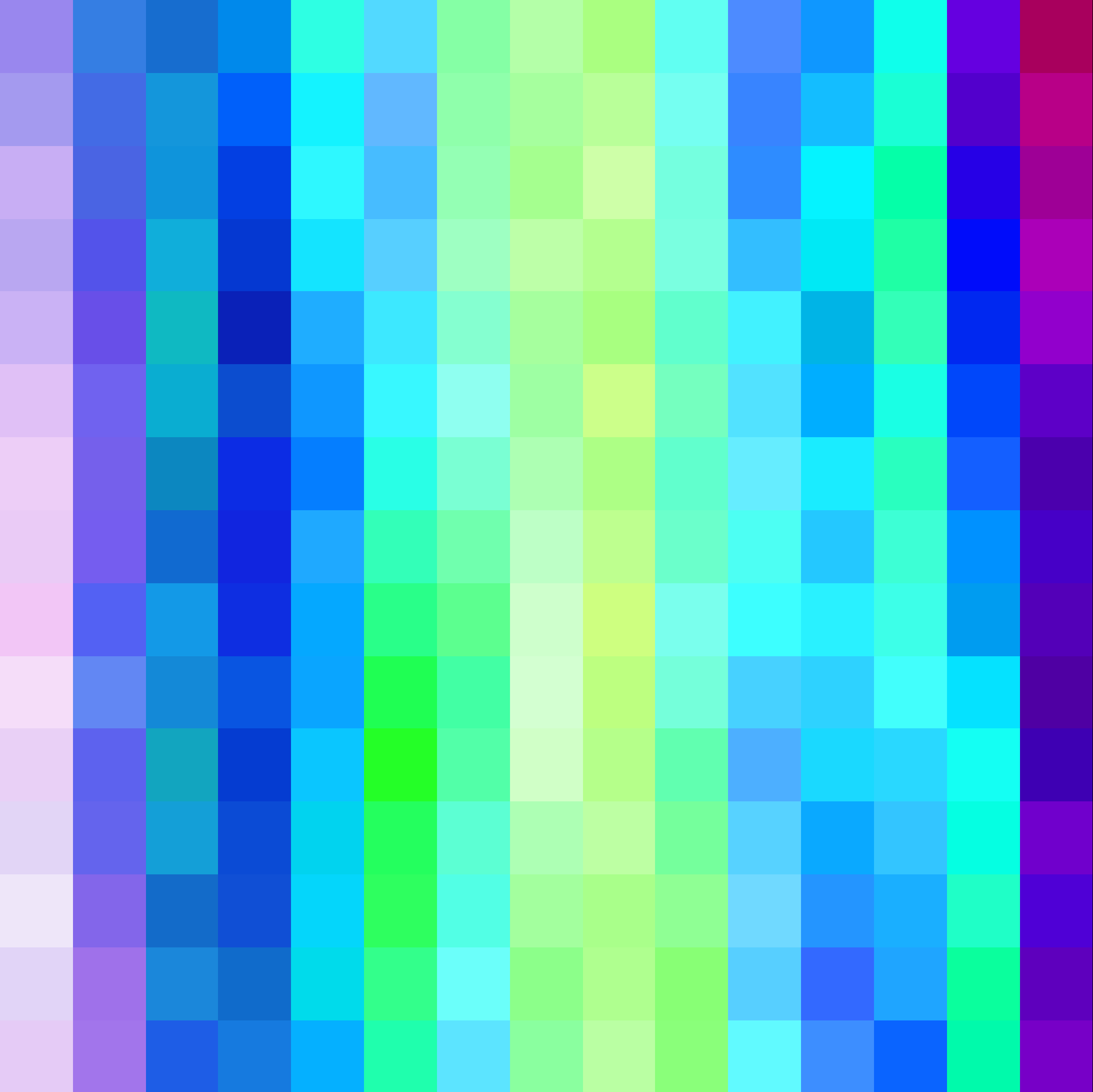
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly magenta, and it also has some purple, some orange, a bit of red, a bit of yellow, a bit of violet, a little bit of rose, a little bit of indigo, a little bit of blue, a tiny bit of lime, and a tiny bit of green in it.
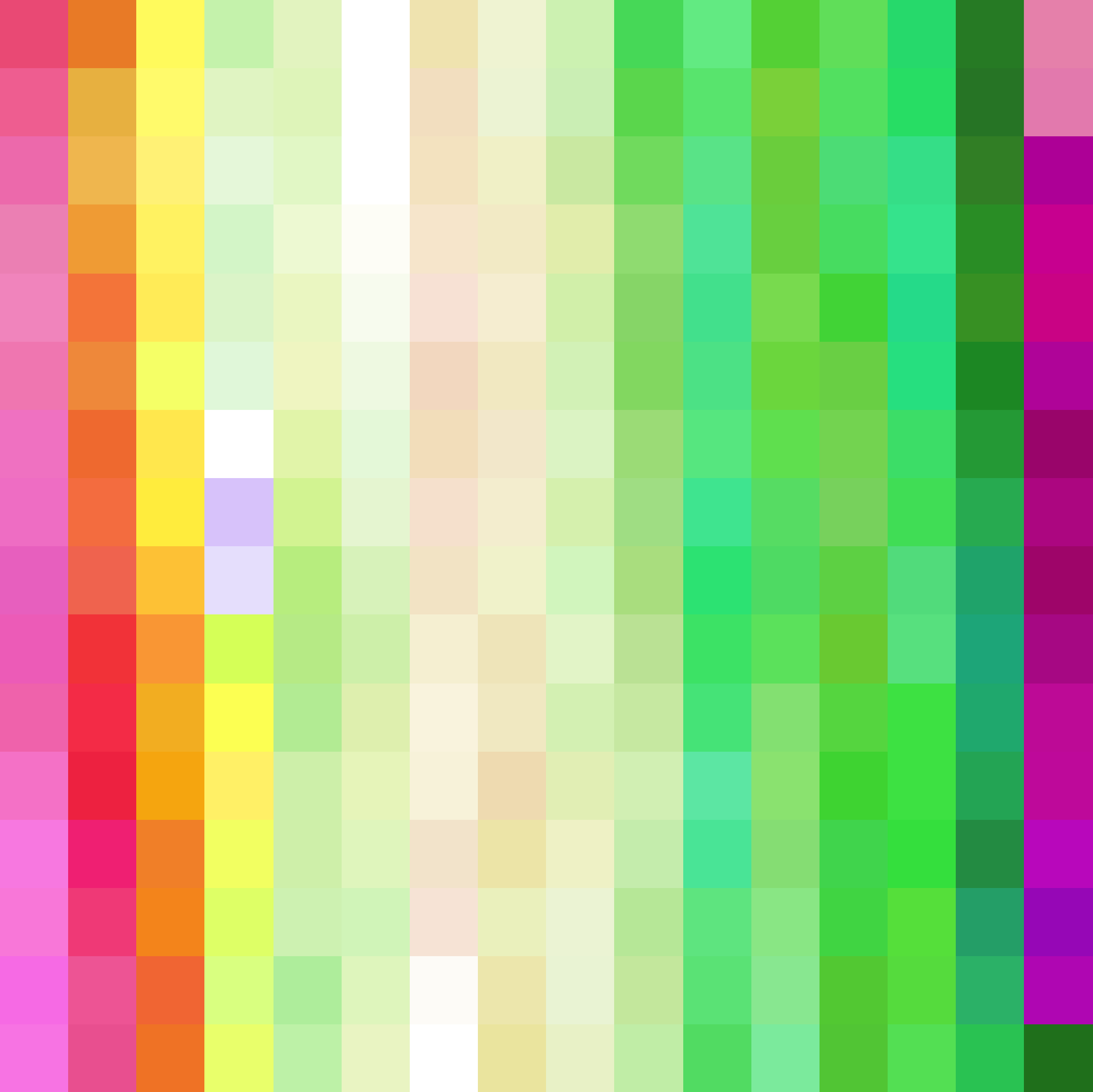
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, but it also has some purple, some yellow, some cyan, a little bit of violet, a little bit of green, a little bit of indigo, a little bit of magenta, a tiny bit of lime, and a tiny bit of orange in it.
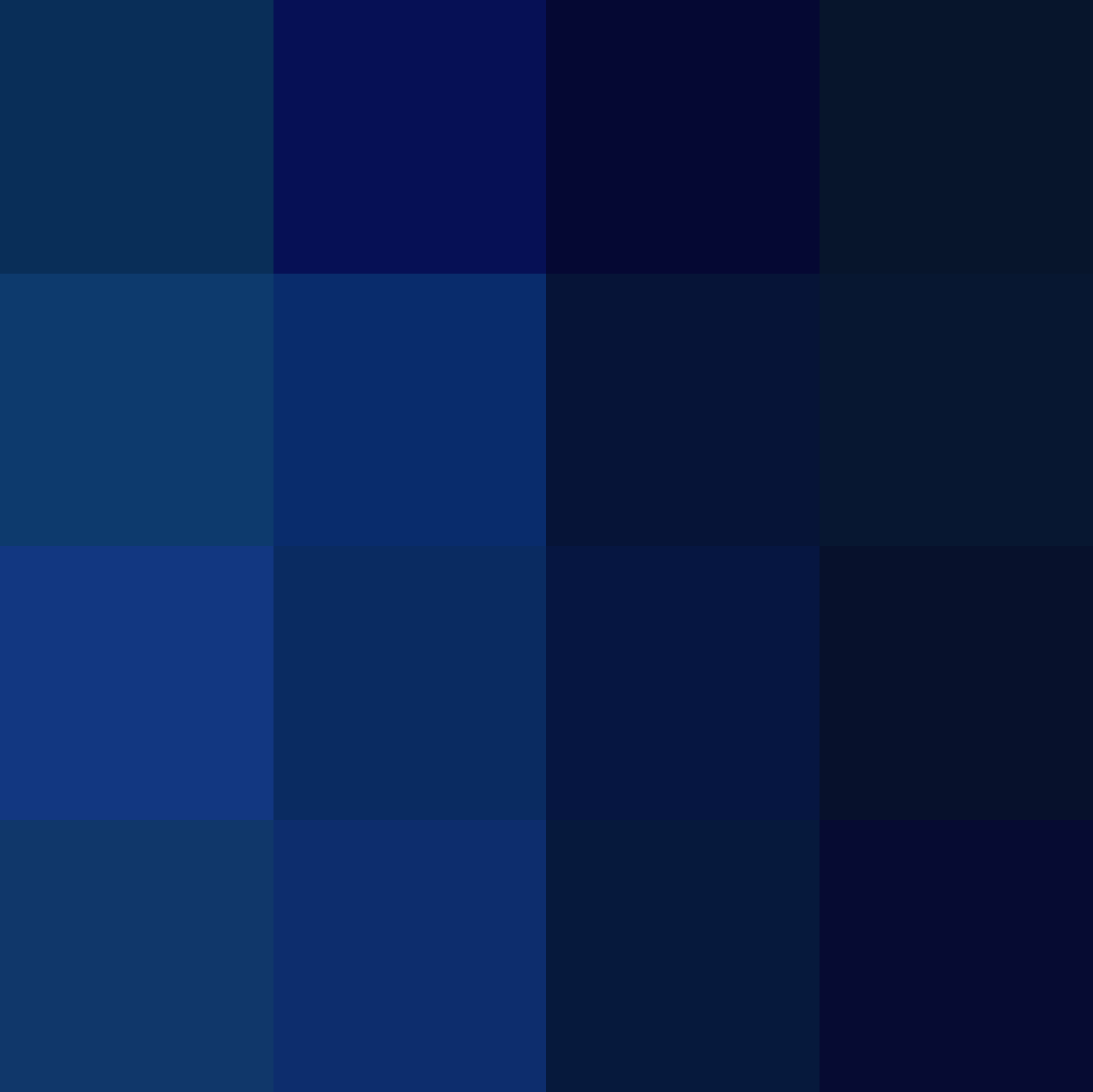
A very, very colourful grid of 100 blocks. It's mostly green, and it also has quite some orange, quite some red, some yellow, a bit of lime, a bit of magenta, a tiny bit of rose, and a tiny bit of purple in it.
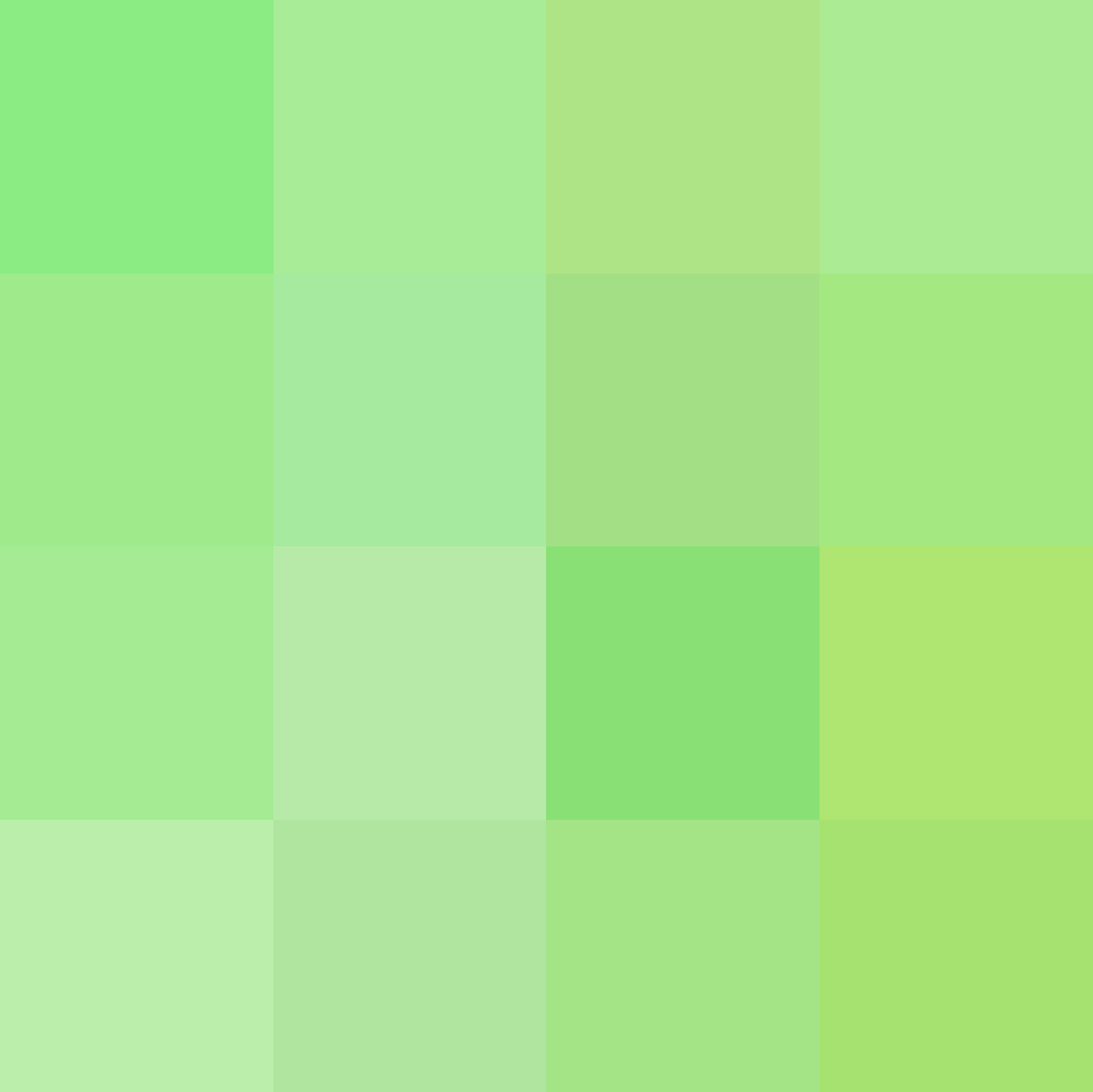
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some green, quite some cyan, a bit of violet, a little bit of indigo, a little bit of purple, a tiny bit of magenta, and a tiny bit of rose in it.
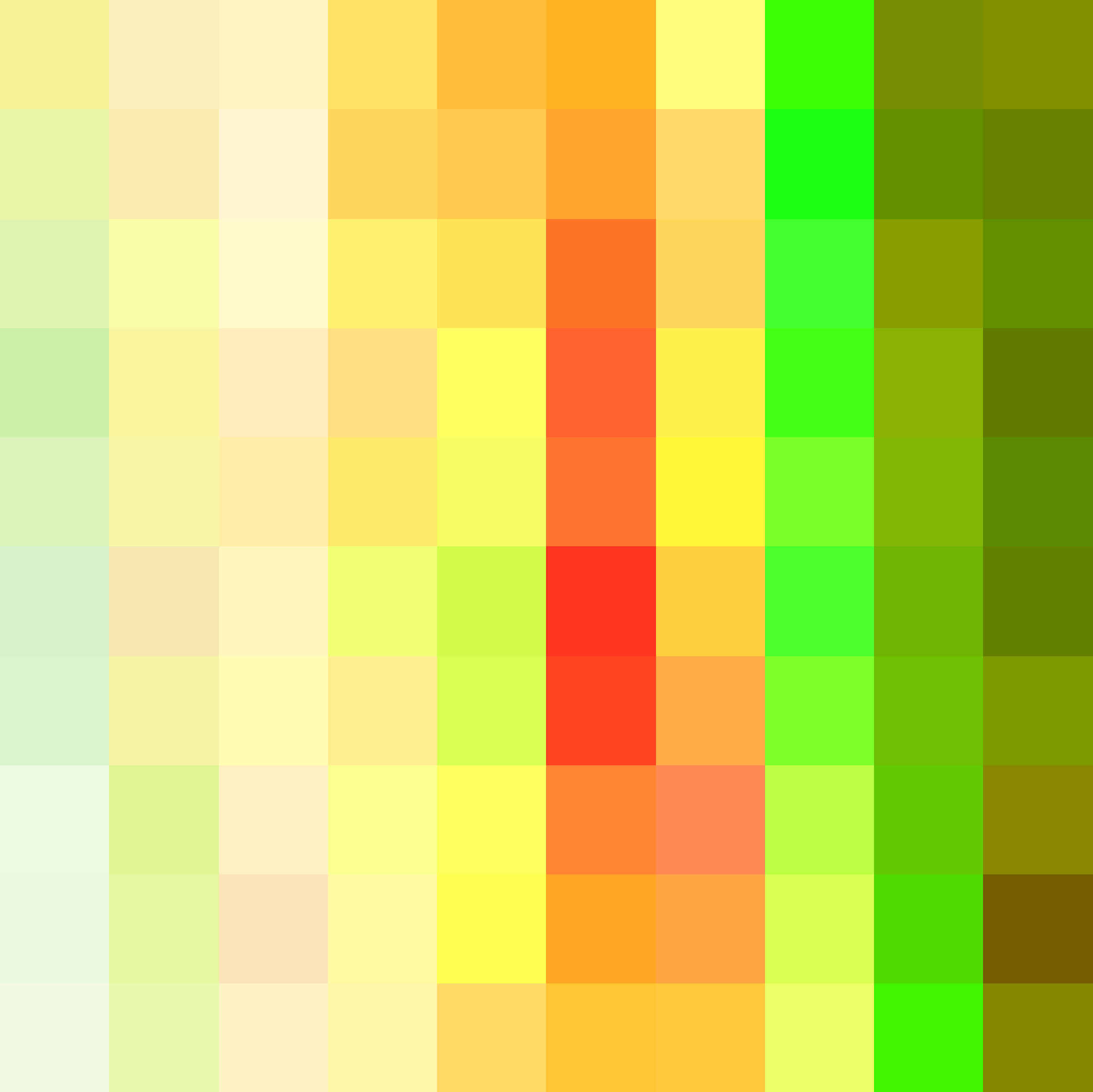
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, and it also has some yellow, some orange, a bit of magenta, a bit of lime, a little bit of rose, a tiny bit of red, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of purple in it.
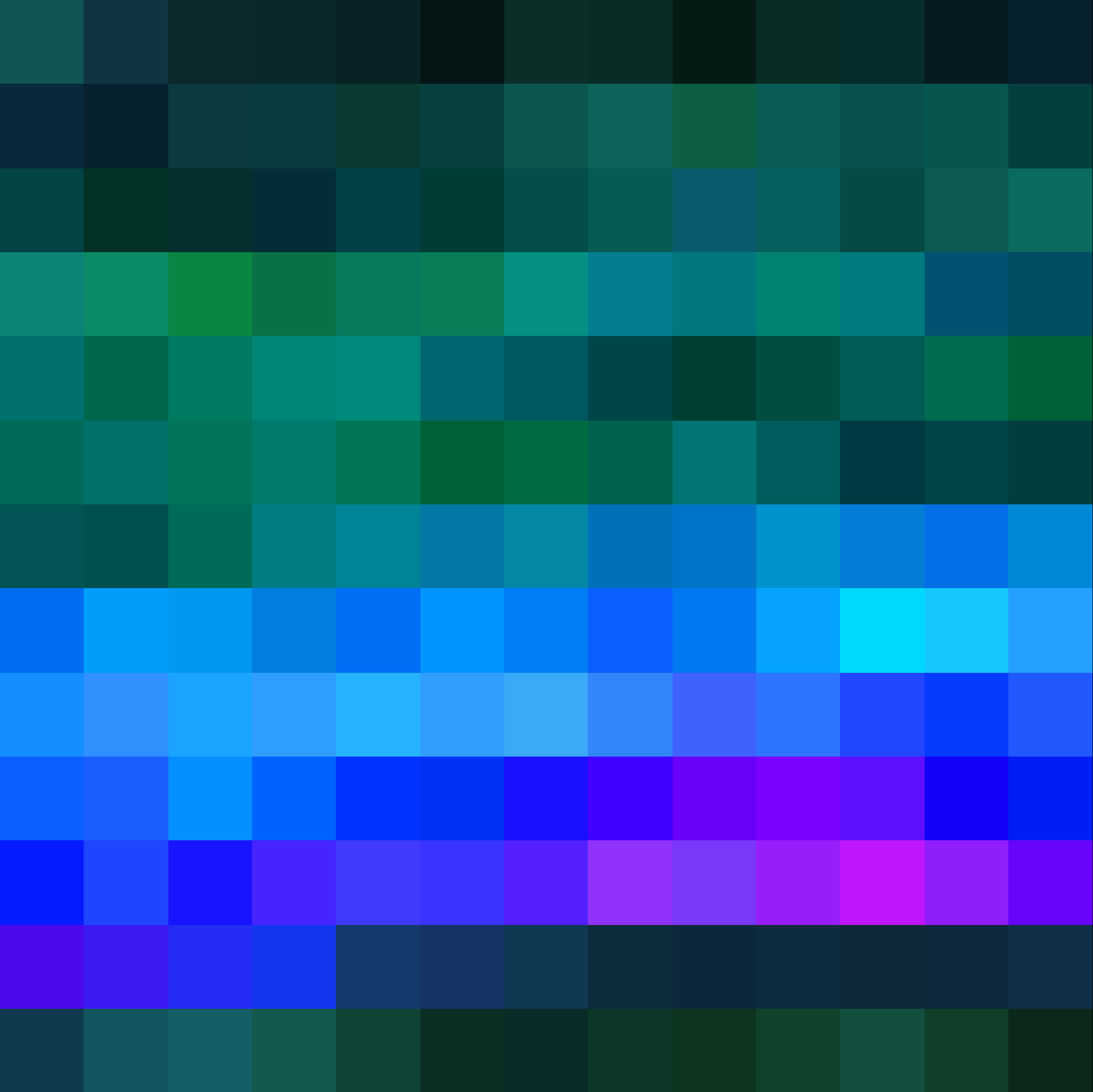
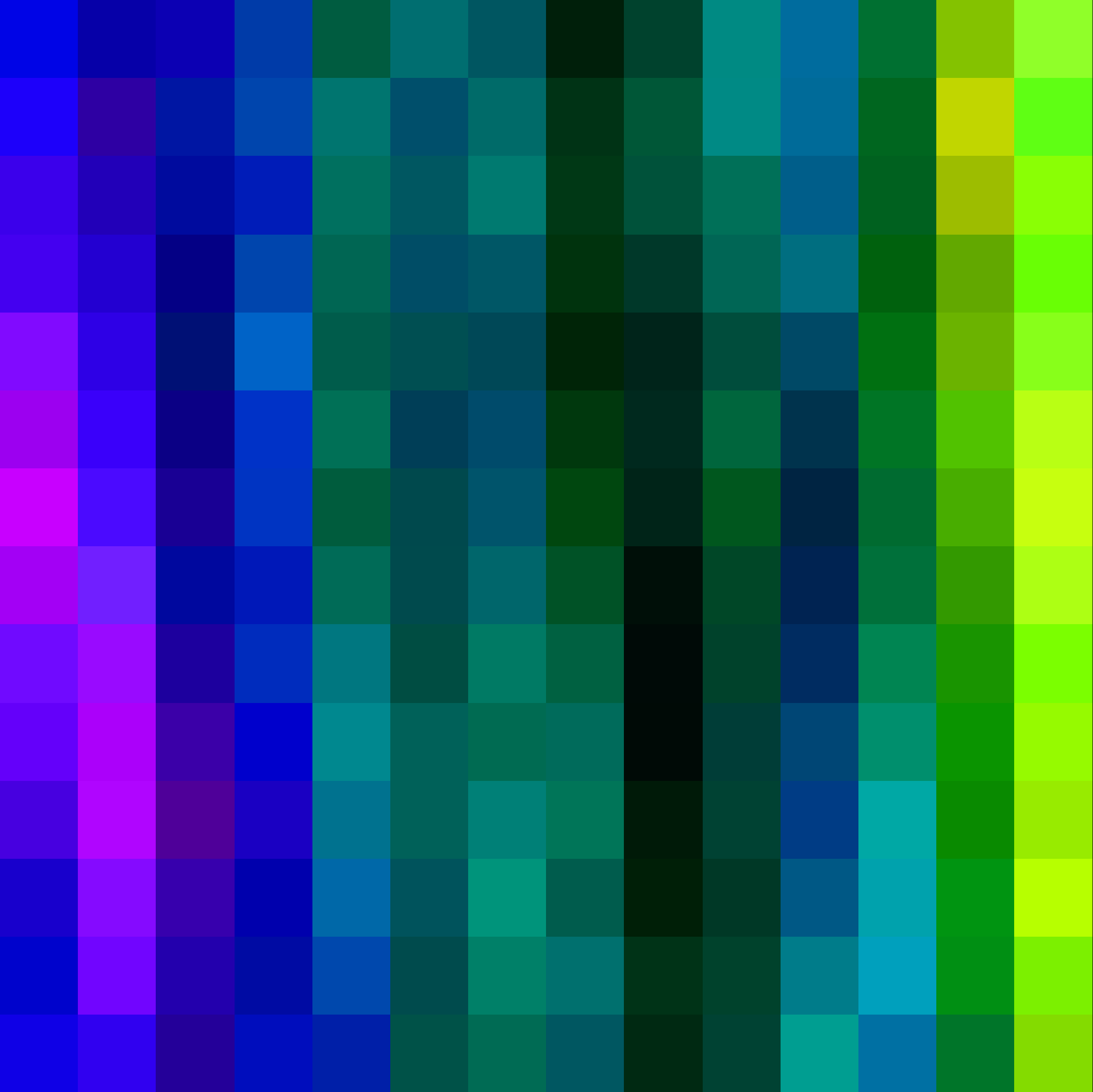The monochrome gradient in this 4 by 4 pixel grid is blue.

Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is green.

The colourful gradient in this 10 by 10 pixel grid is mostly yellow, and it also has quite some orange, quite some green, some lime, and a little bit of red in it.
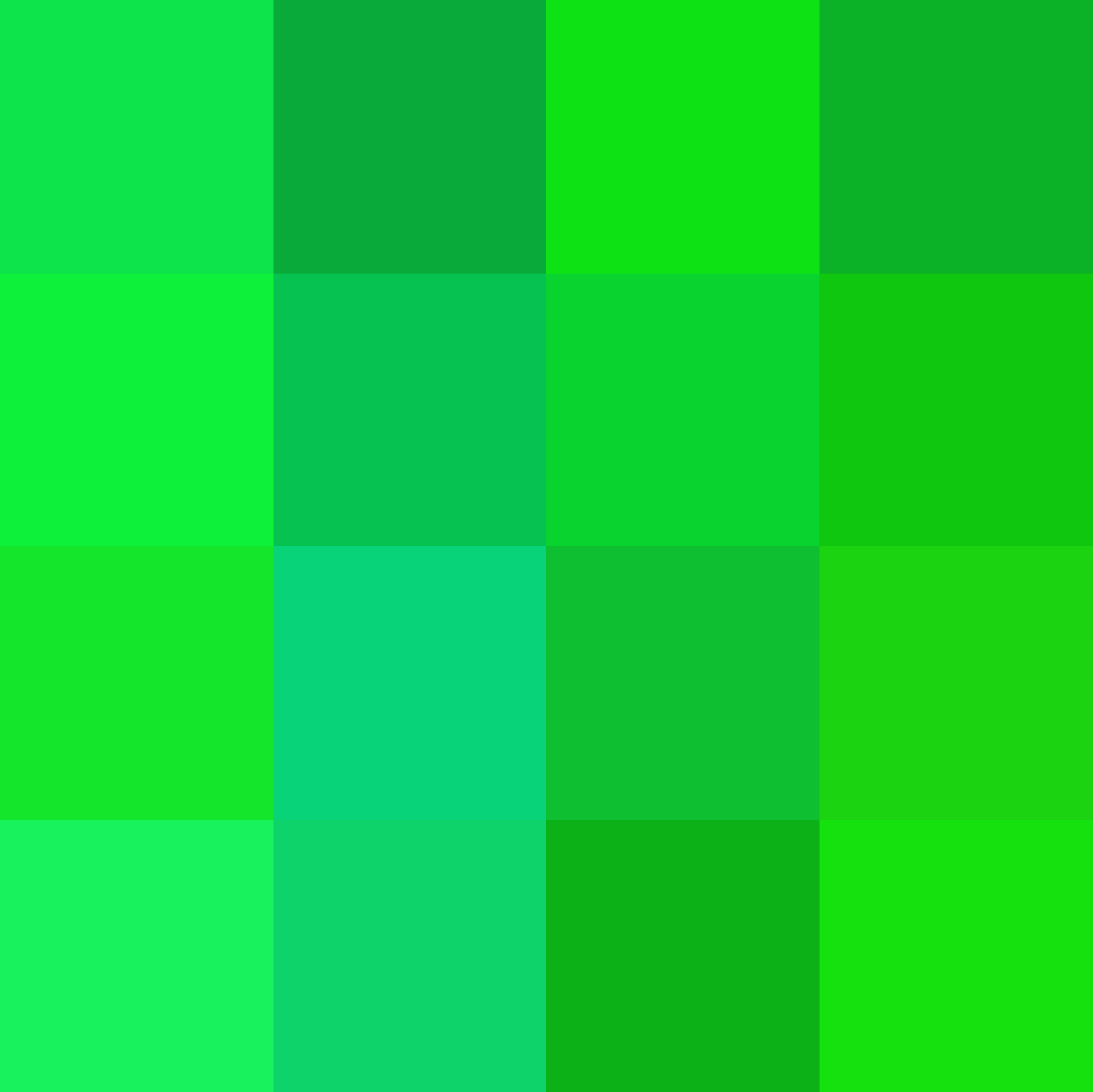
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, a bit of green, a bit of indigo, a tiny bit of violet, and a tiny bit of purple in it.

A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some cyan, some blue, some indigo, a little bit of violet, a little bit of purple, a tiny bit of lime, and a tiny bit of yellow in it.
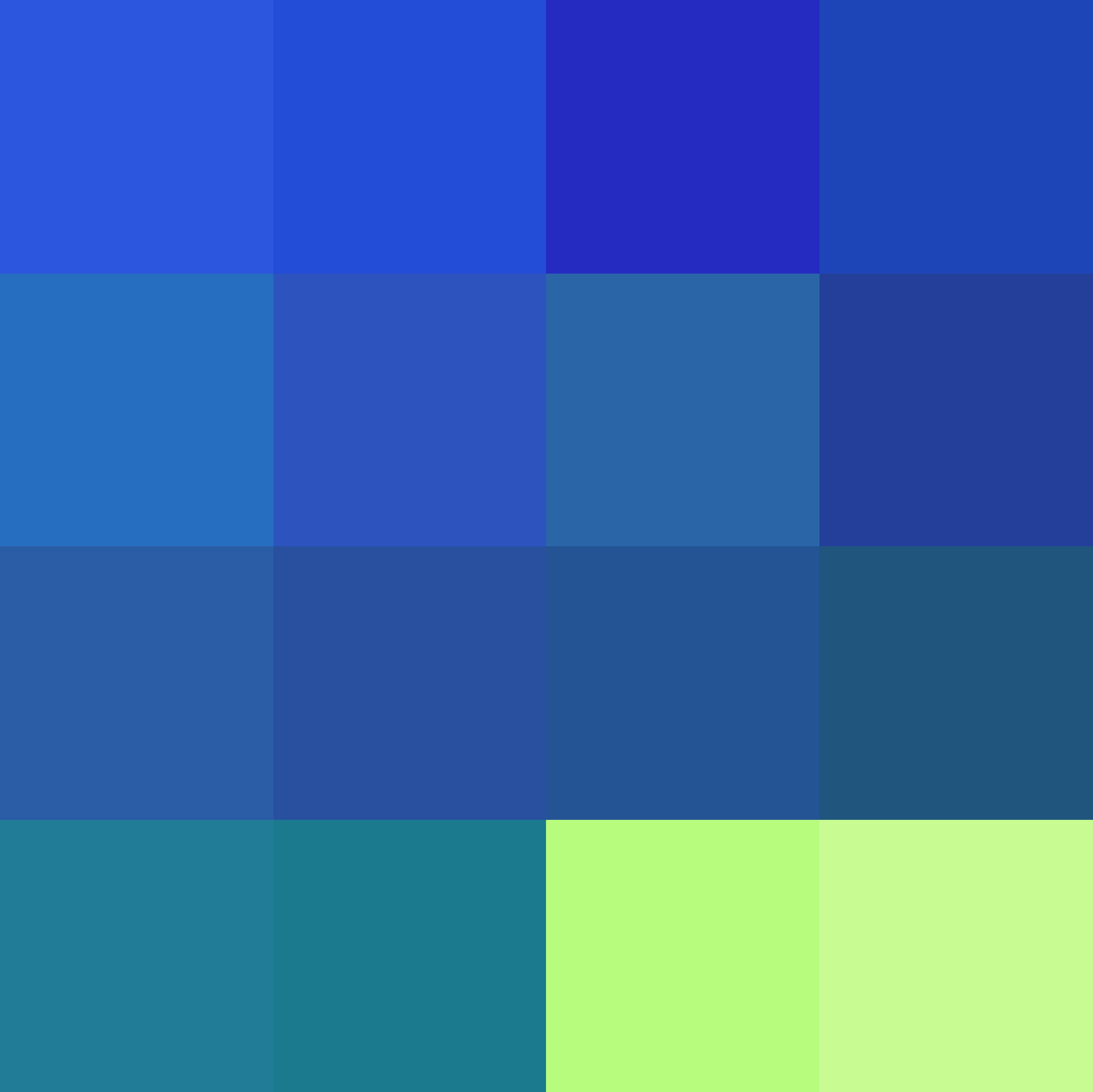
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, but it also has quite some yellow, some red, some purple, a bit of magenta, a bit of lime, a little bit of rose, a little bit of green, a tiny bit of violet, and a tiny bit of indigo in it.
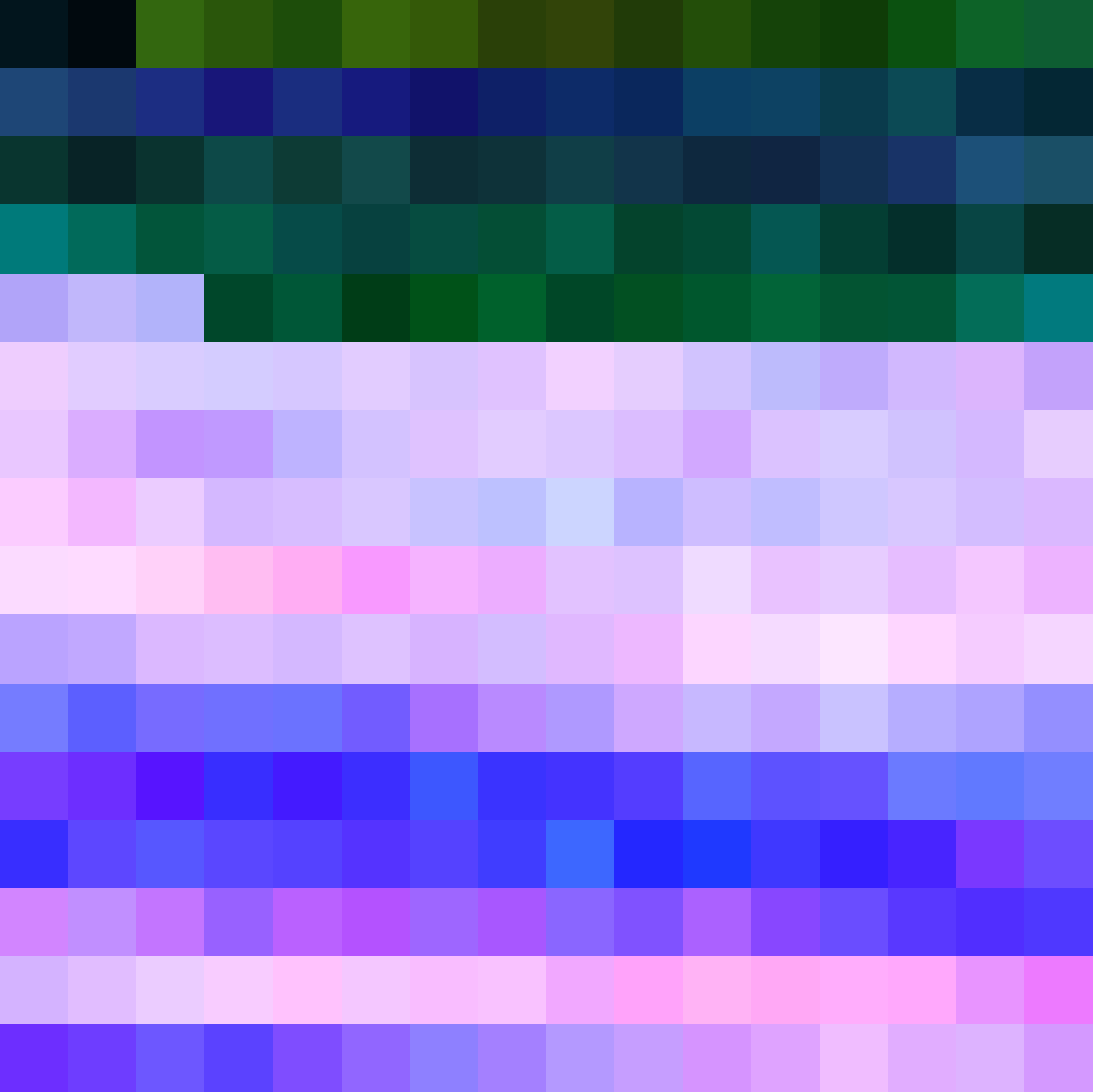
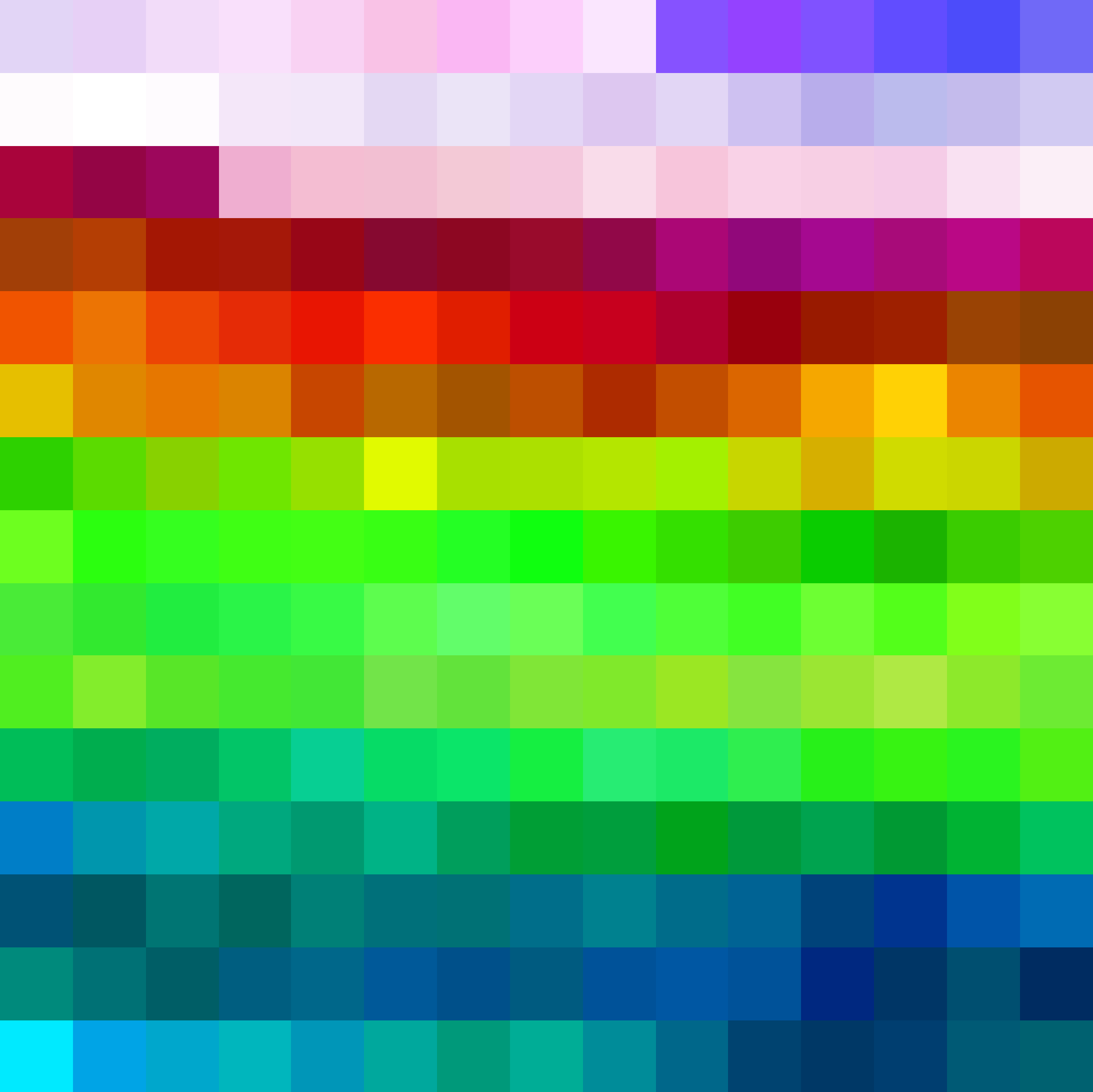The cells in this 4 by 4 pixel grid form a monochrome gradient. It is green.

The cells in this 4 by 4 pixel grid form a gradient. It is mostly blue, and it also has some green, and a little bit of cyan in it.

An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly rose, but it also has quite some red, quite some blue, some magenta, and a tiny bit of indigo in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly indigo, but it also has some blue, some purple, some violet, some green, a bit of cyan, a bit of magenta, and a tiny bit of lime in it.

This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, and it also has some blue, some cyan, a bit of orange, a bit of magenta, a bit of rose, a bit of red, a little bit of indigo, a little bit of yellow, a little bit of purple, a little bit of violet, and a tiny bit of lime in it.

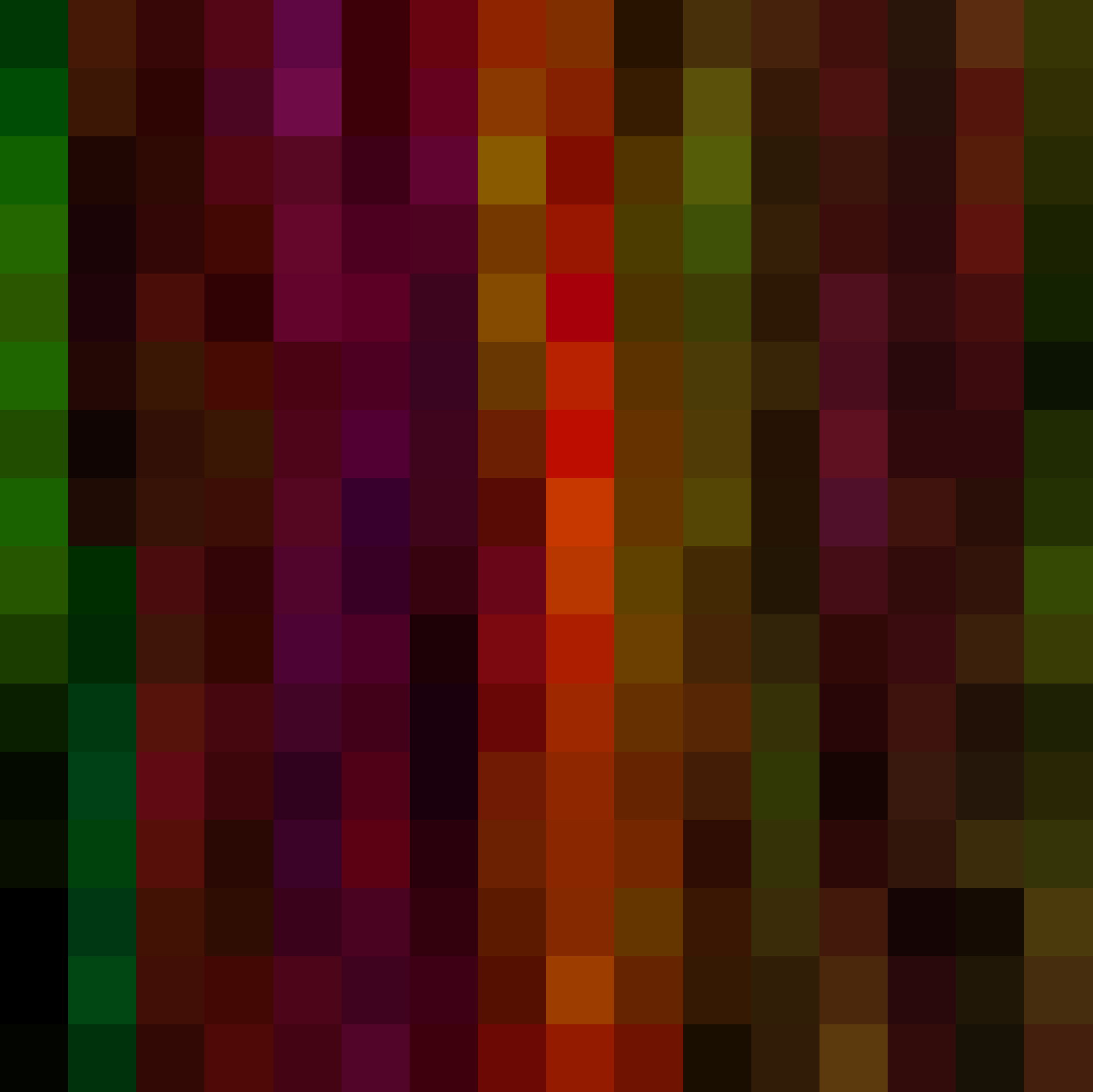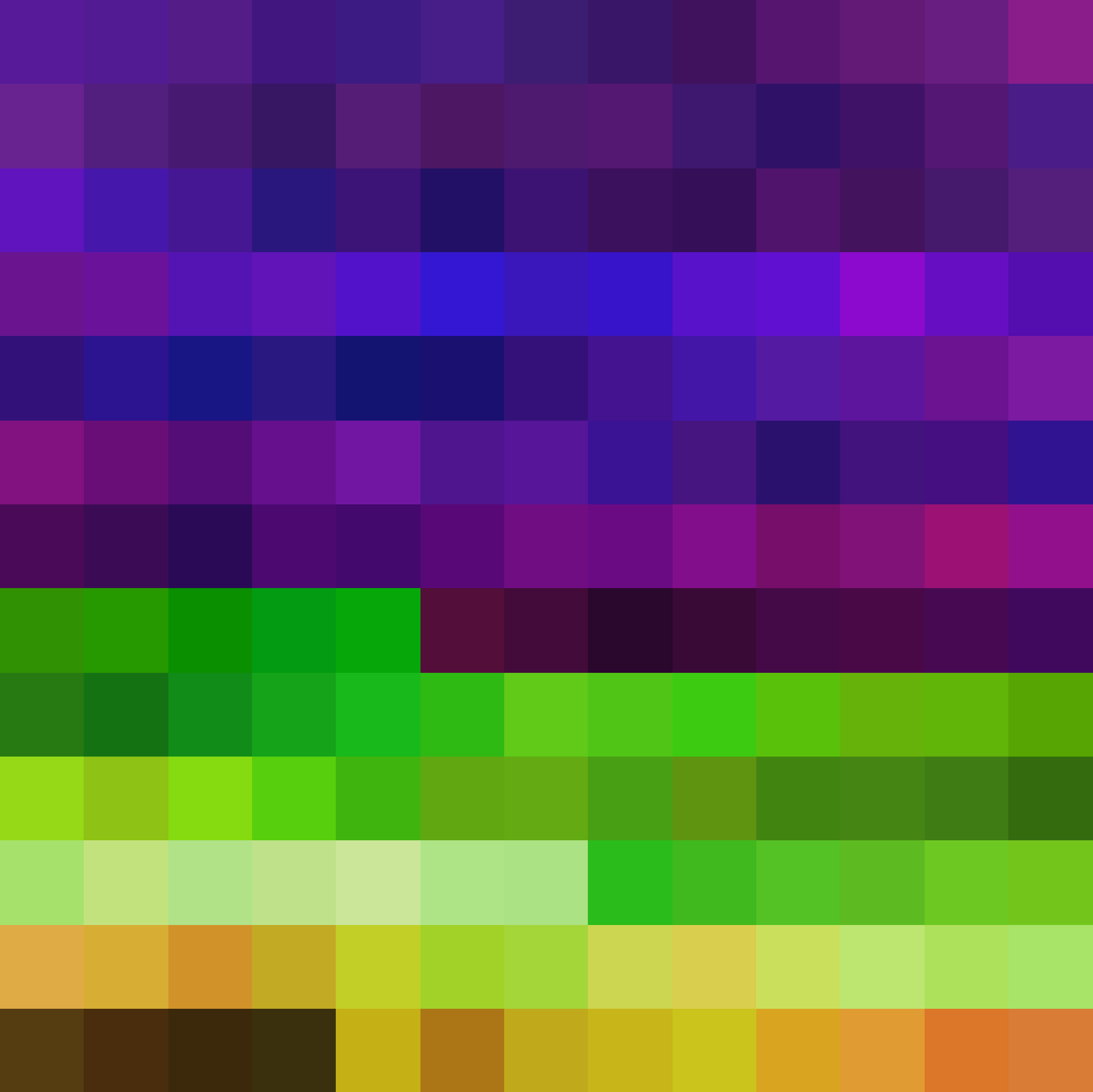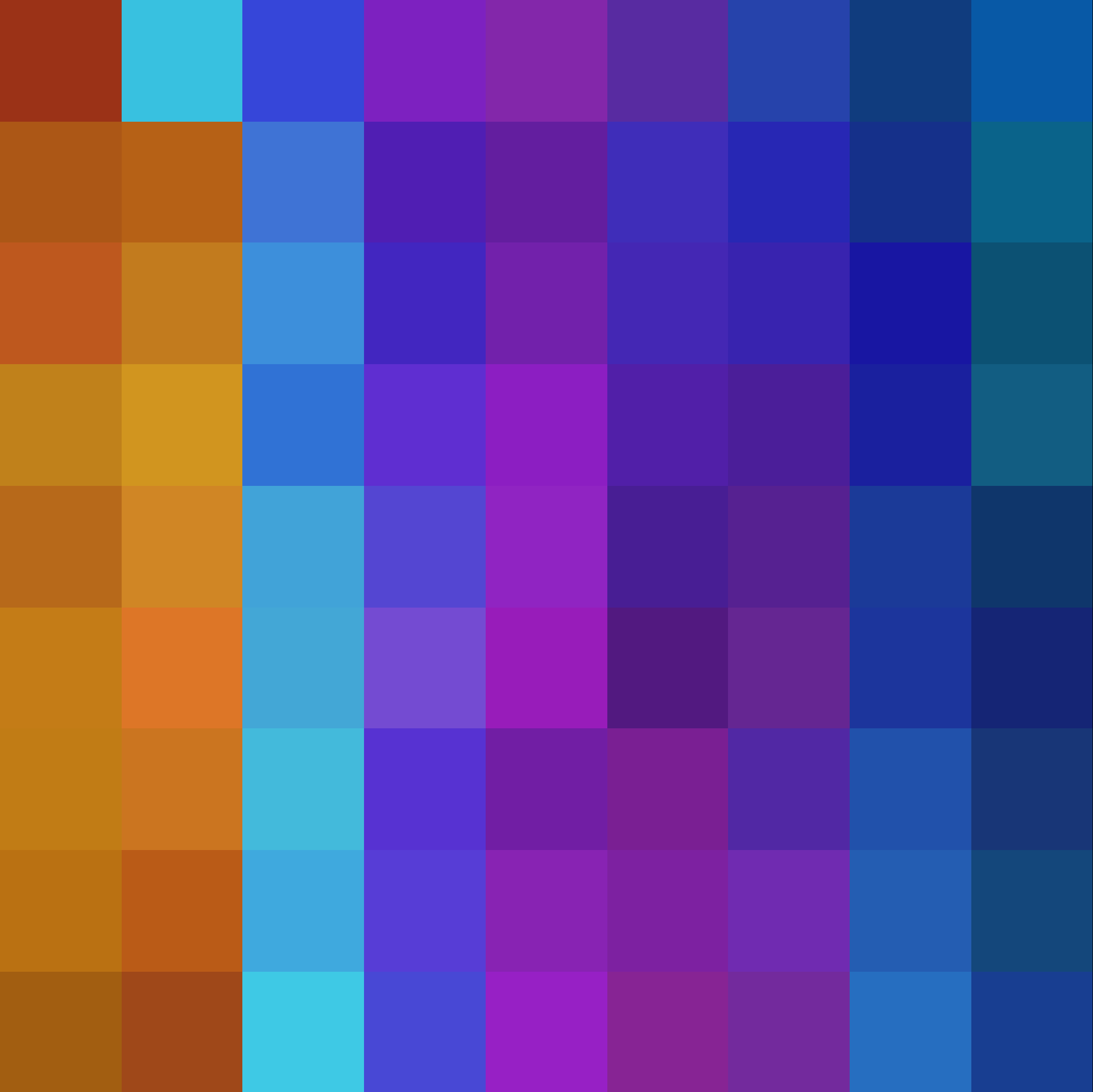A grid with 256 coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, a bit of green, a little bit of yellow, and a tiny bit of lime in it.

The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has quite some purple, some violet, some indigo, a bit of magenta, a bit of orange, a little bit of yellow, a tiny bit of lime, and a tiny bit of blue in it.

This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly blue, but it also has quite some orange, quite some purple, some indigo, a little bit of violet, a little bit of cyan, a tiny bit of red, and a tiny bit of magenta in it.
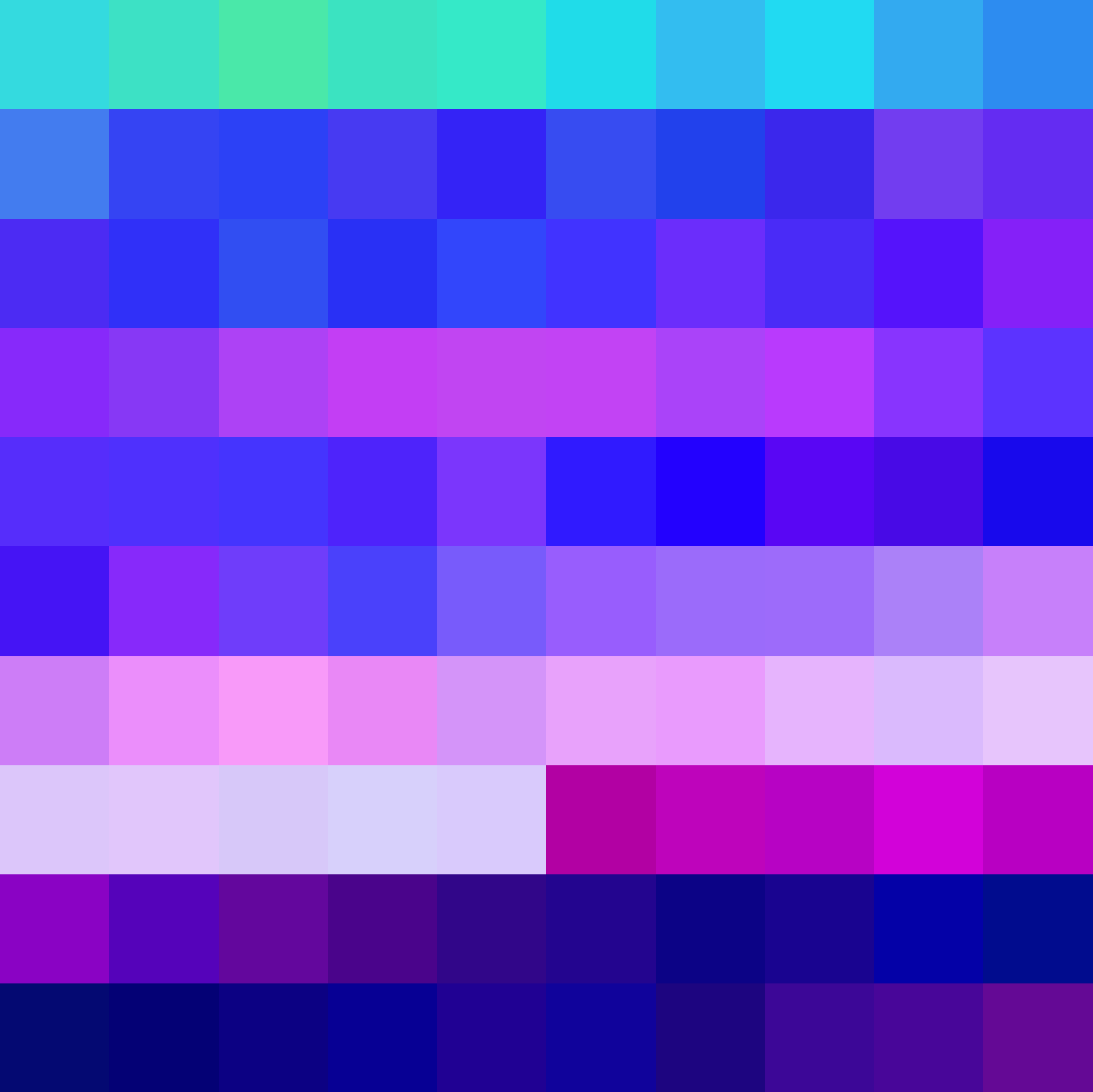
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly indigo, and it also has some purple, some violet, some blue, a bit of magenta, a little bit of cyan, and a tiny bit of green in it.

Here's a 6 by 6 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has quite some yellow, some red, a bit of orange, a little bit of lime, and a little bit of cyan in it.

I sent an enormous batch of images that my — handwritten — algorithms had generated over the years to my friend Daan Rongen. He passed them through a GAN, a so called *generative adversarial network*, a clever form of *machine learning*. The next few days we marvelled at the images it came up with. Some of the images that his machine generated inspired me to write a new algorithm — by hand — that generates these *pixel gradients* you can find in this book.

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