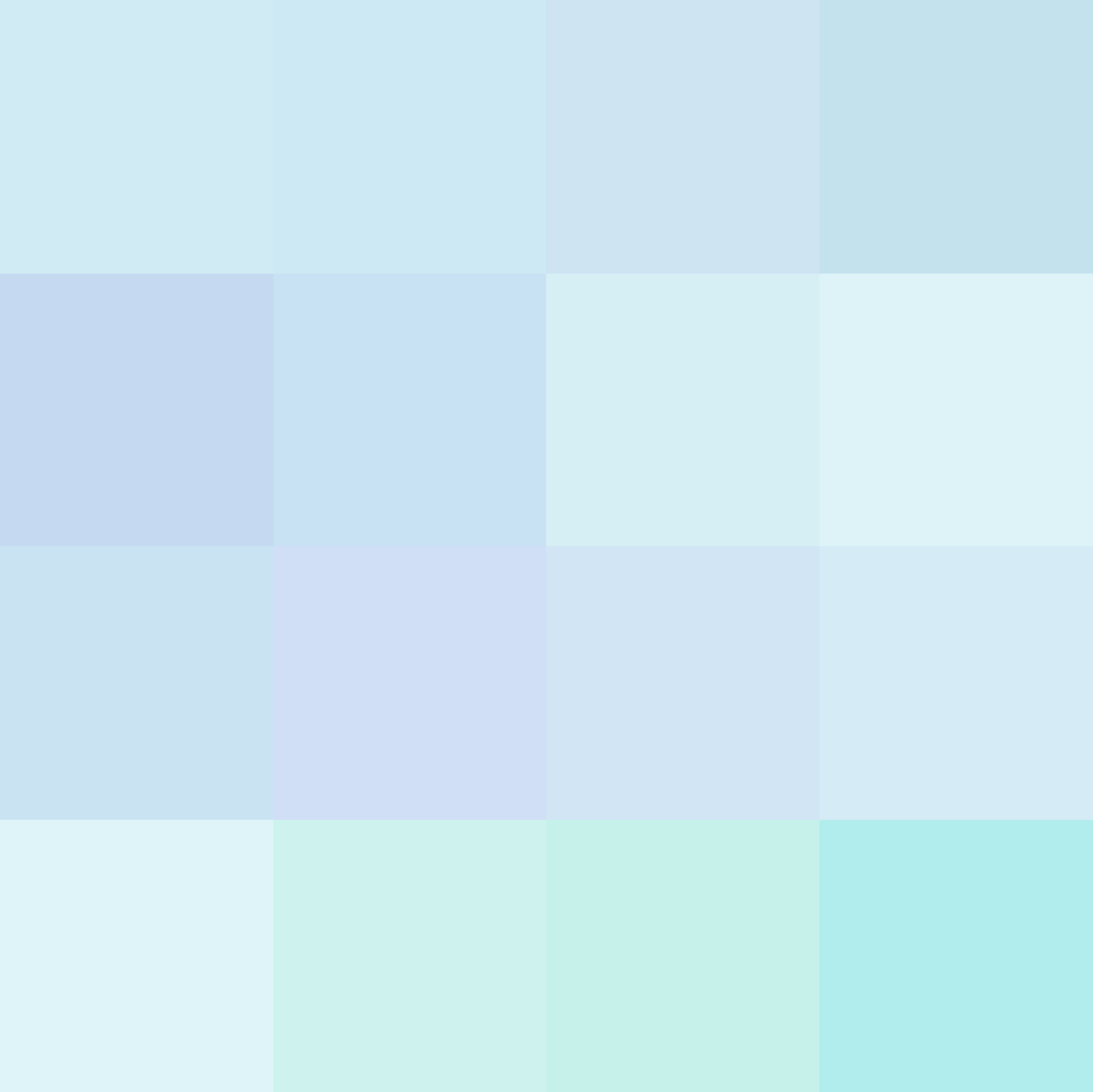# 100 random pixel gradients
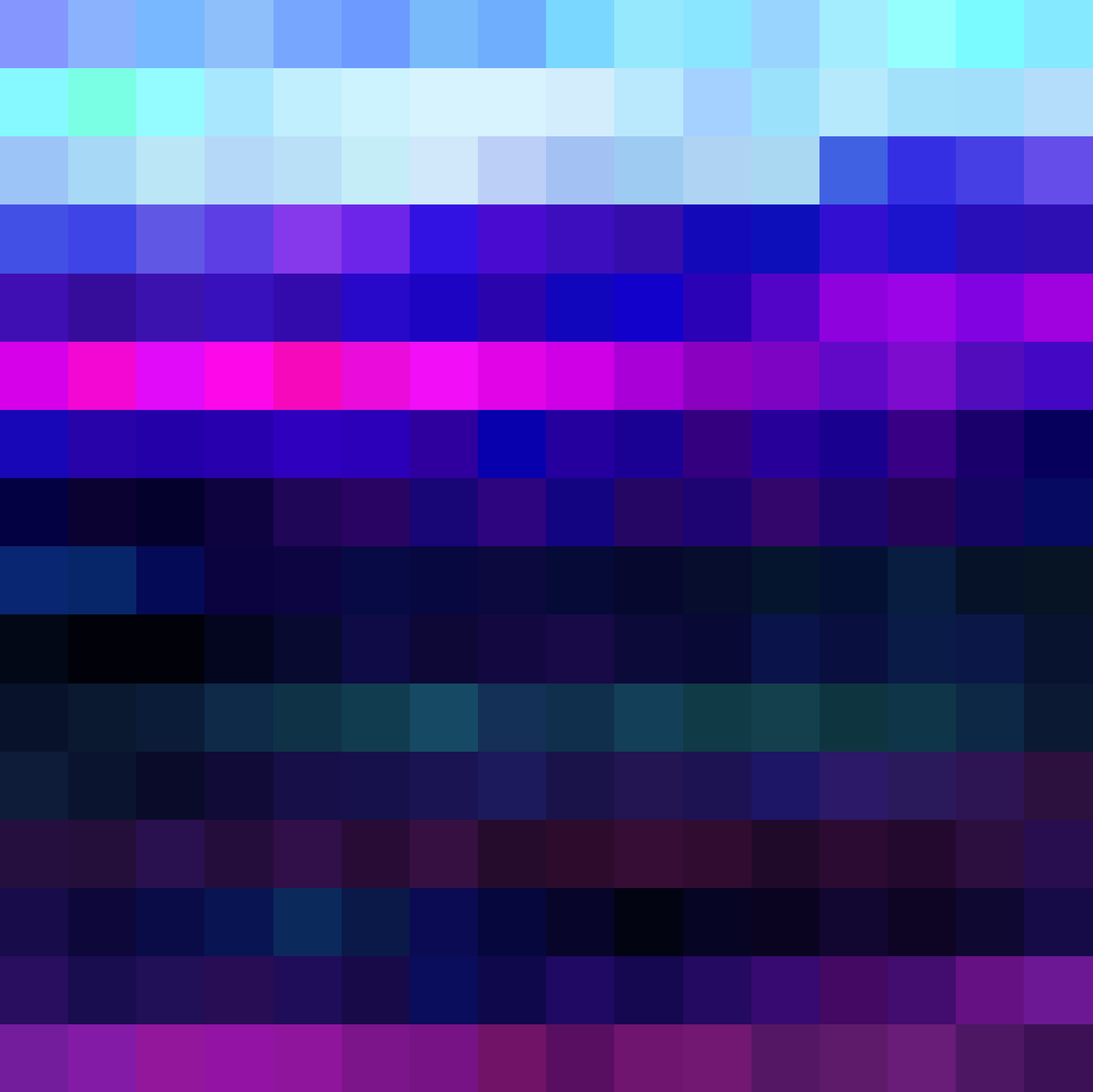
Vasilis van Gemert – 14-12-2024

A grid of 25 blocks. It's mostly blue, and it also has quite some cyan, and a bit of magenta in it.

This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly blue, and it also has quite some cyan in it.
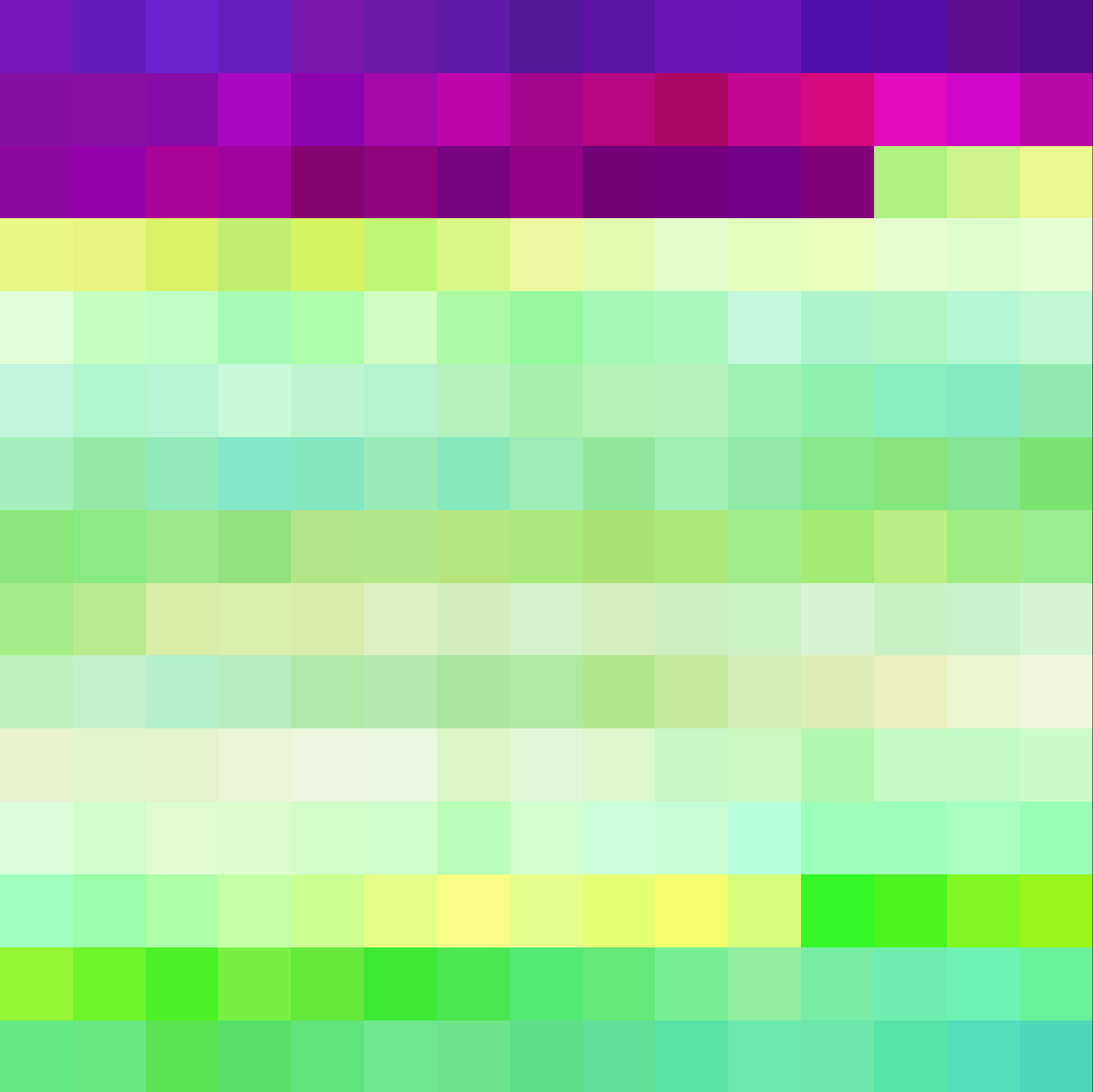
The very colourful gradient in this 16 by 16 pixel grid is mostly blue, and it also has quite some indigo, some purple, a bit of magenta, a bit of violet, and a little bit of cyan in it.
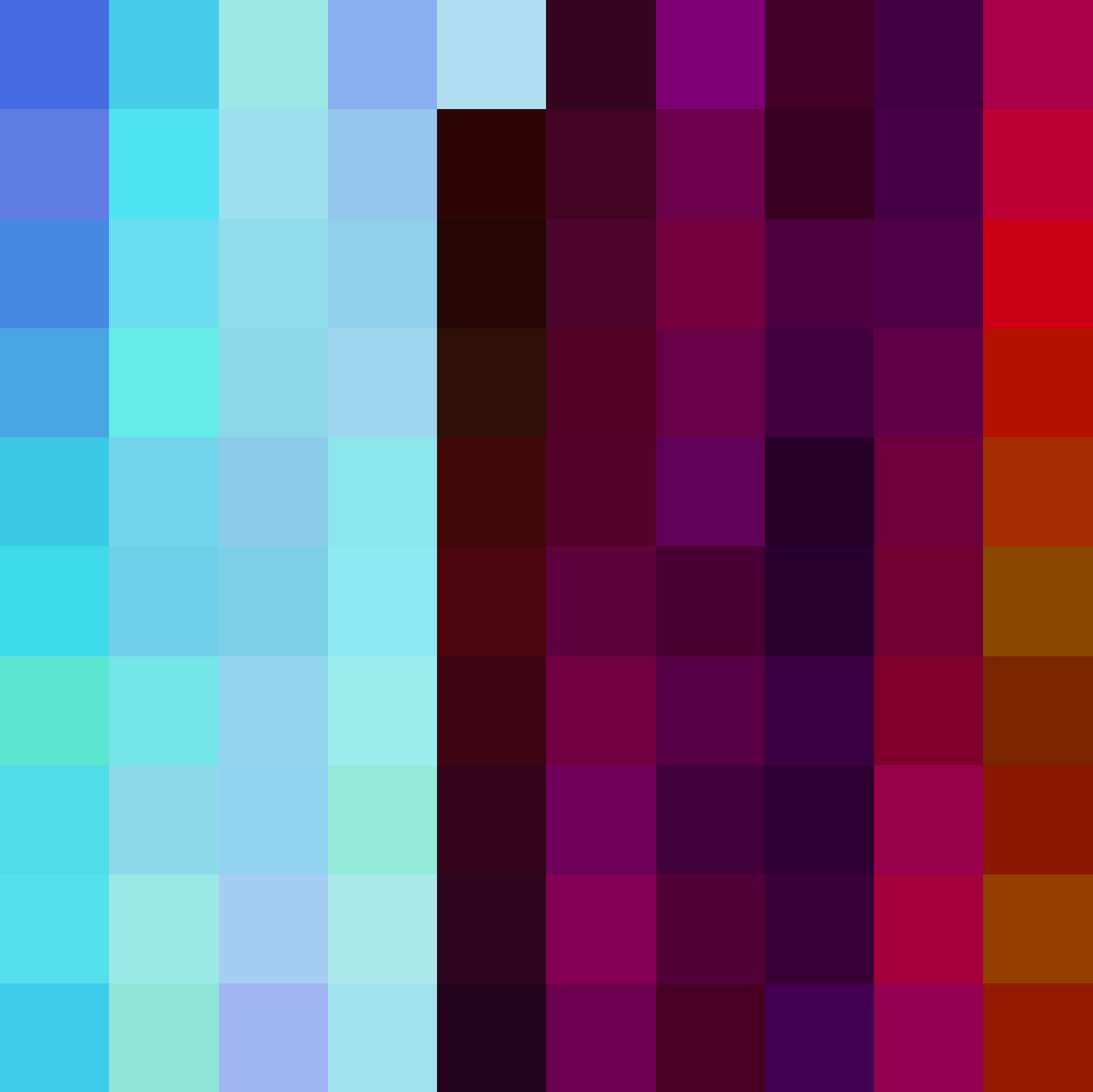
The cells in this 10 by 10 pixel grid form a gradient. It is mostly red, and it also has quite some cyan, some blue, and a little bit of orange in it.
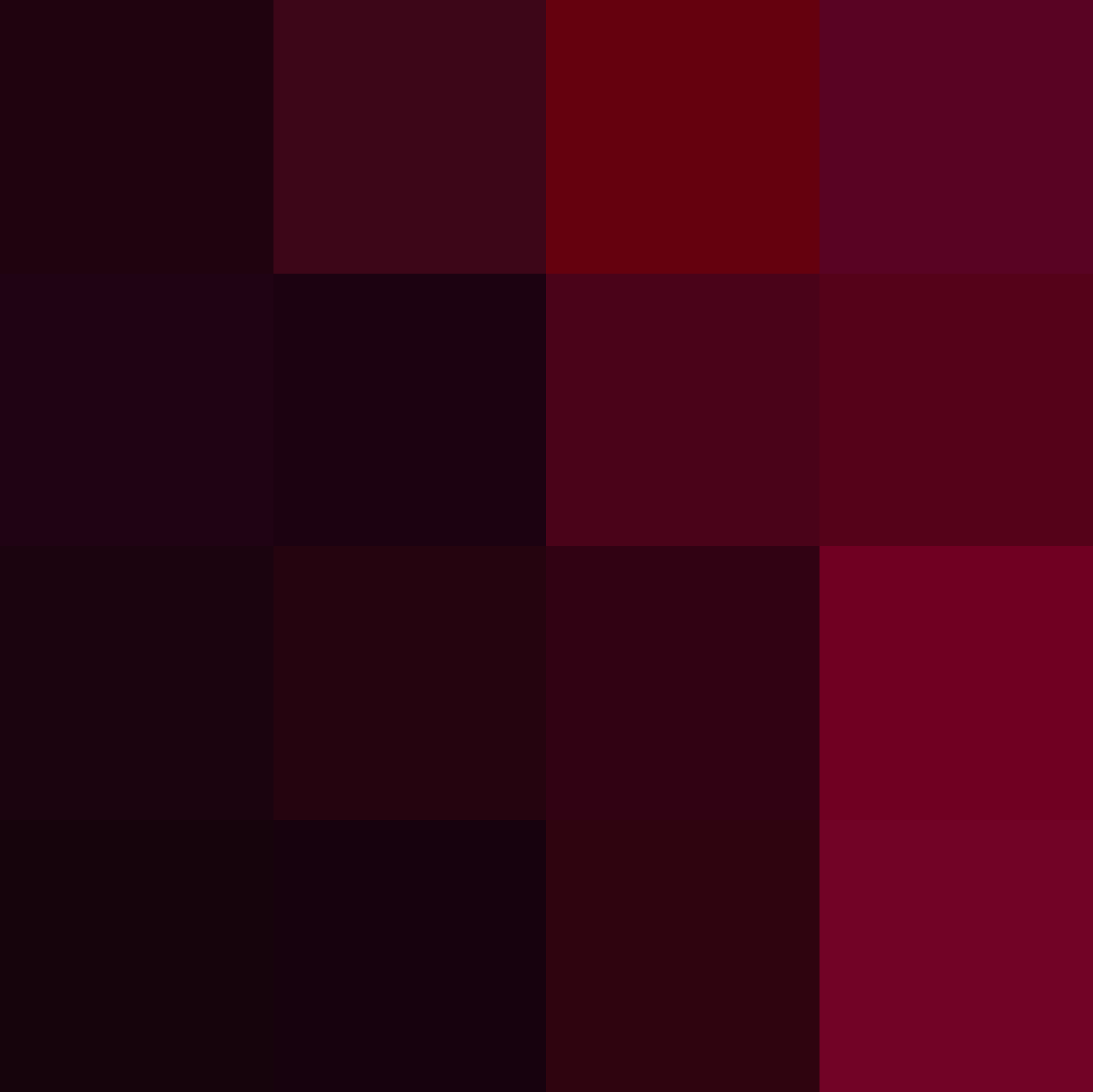
A 4 by 4 grid with coloured squares that form a gradient. The colours are various shades of mostly rose, and it also has some magenta, and a little bit of red in it.

This very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, but it also has a bit of magenta, a little bit of lime, a little bit of purple, a little bit of violet, a little bit of yellow, and a tiny bit of cyan in it.
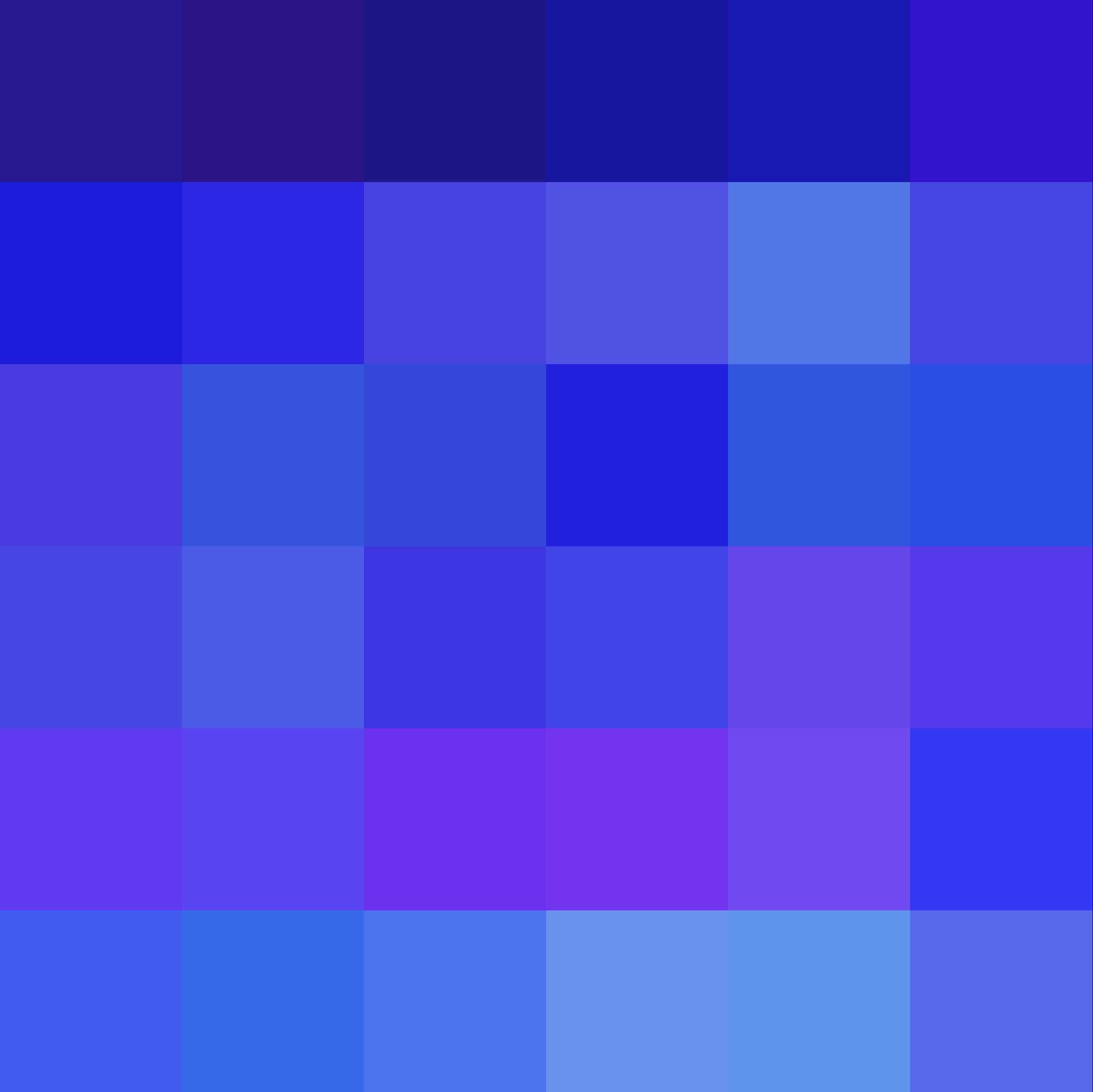
There's a pixel gradient in this 6 by 6 grid. It is mostly blue, but it also has a lot of indigo, and a little bit of violet in it.
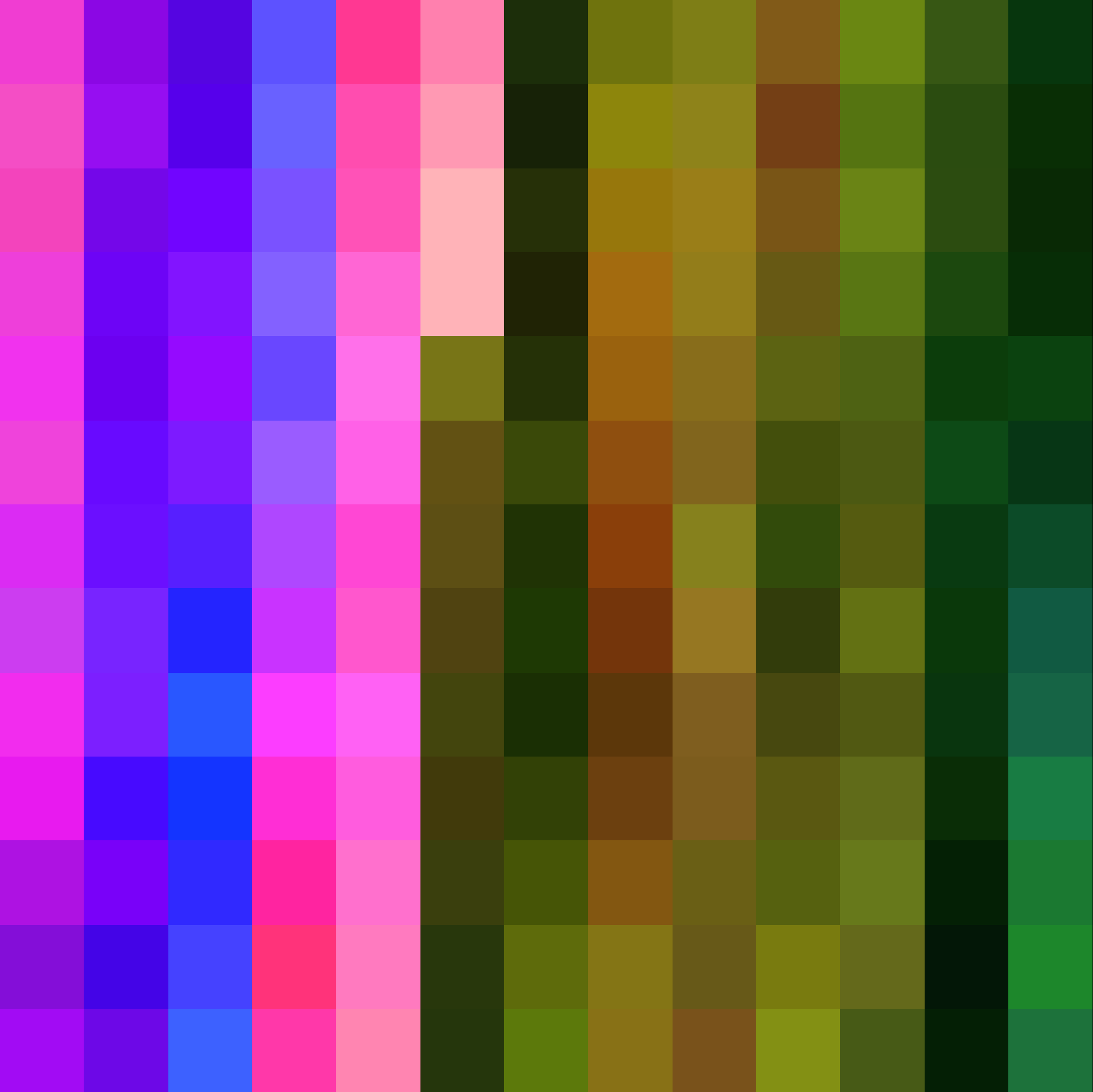
Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some yellow, some magenta, a bit of orange, a bit of lime, a bit of violet, a little bit of indigo, a little bit of purple, a little bit of rose, a tiny bit of blue, and a tiny bit of red in it.
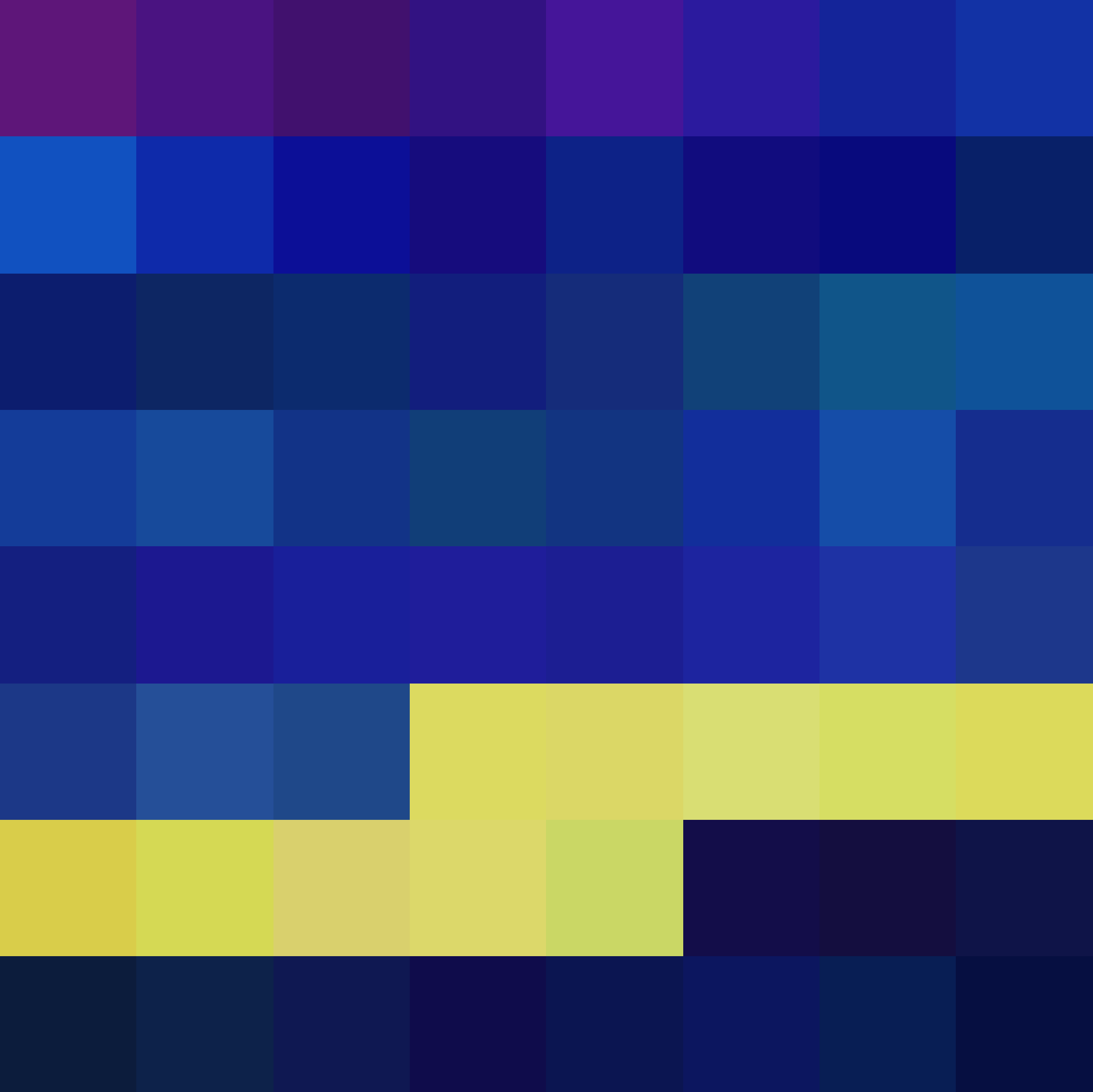
The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly blue, and it also has some yellow, some indigo, a little bit of purple, and a little bit of violet in it.
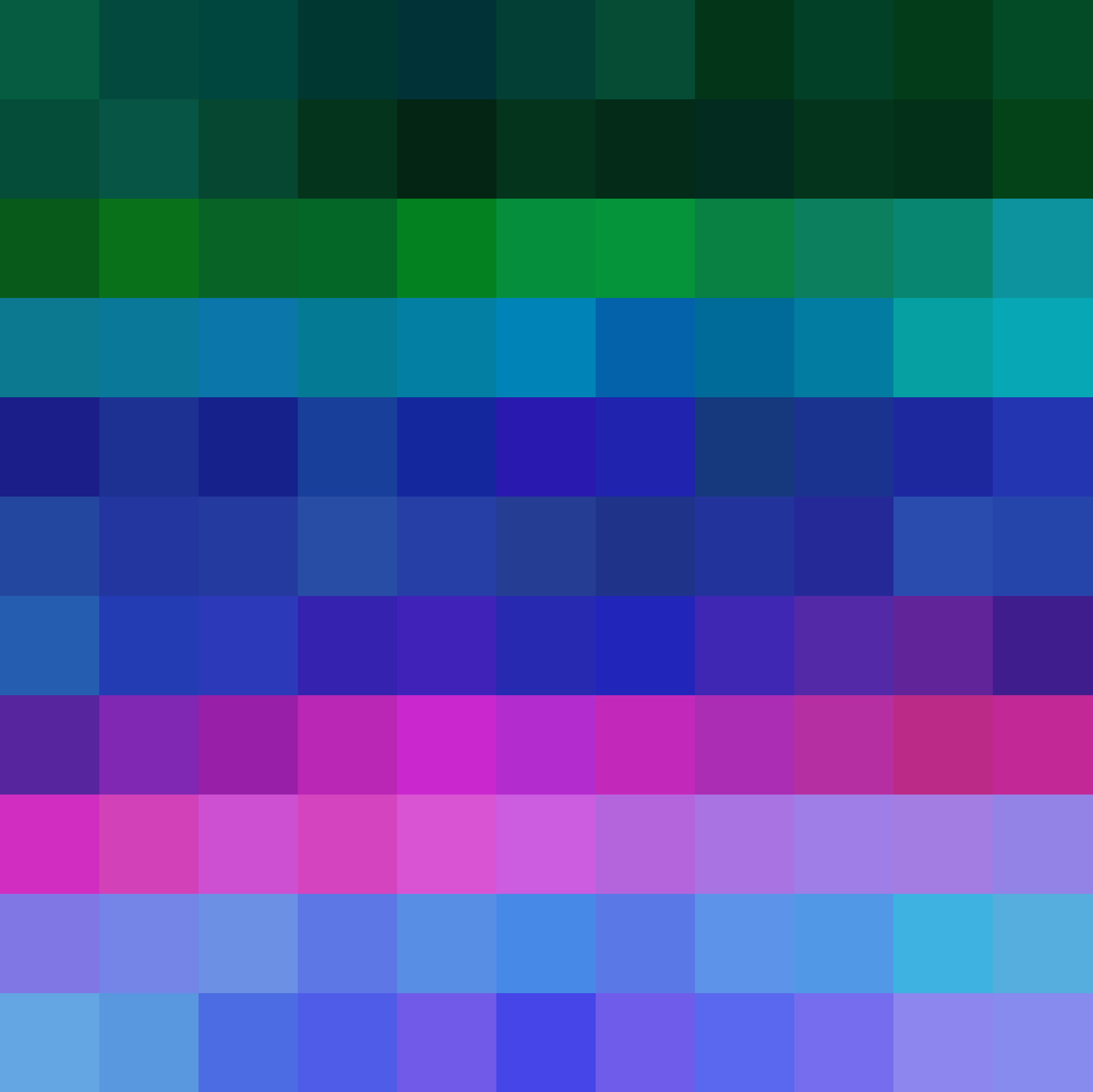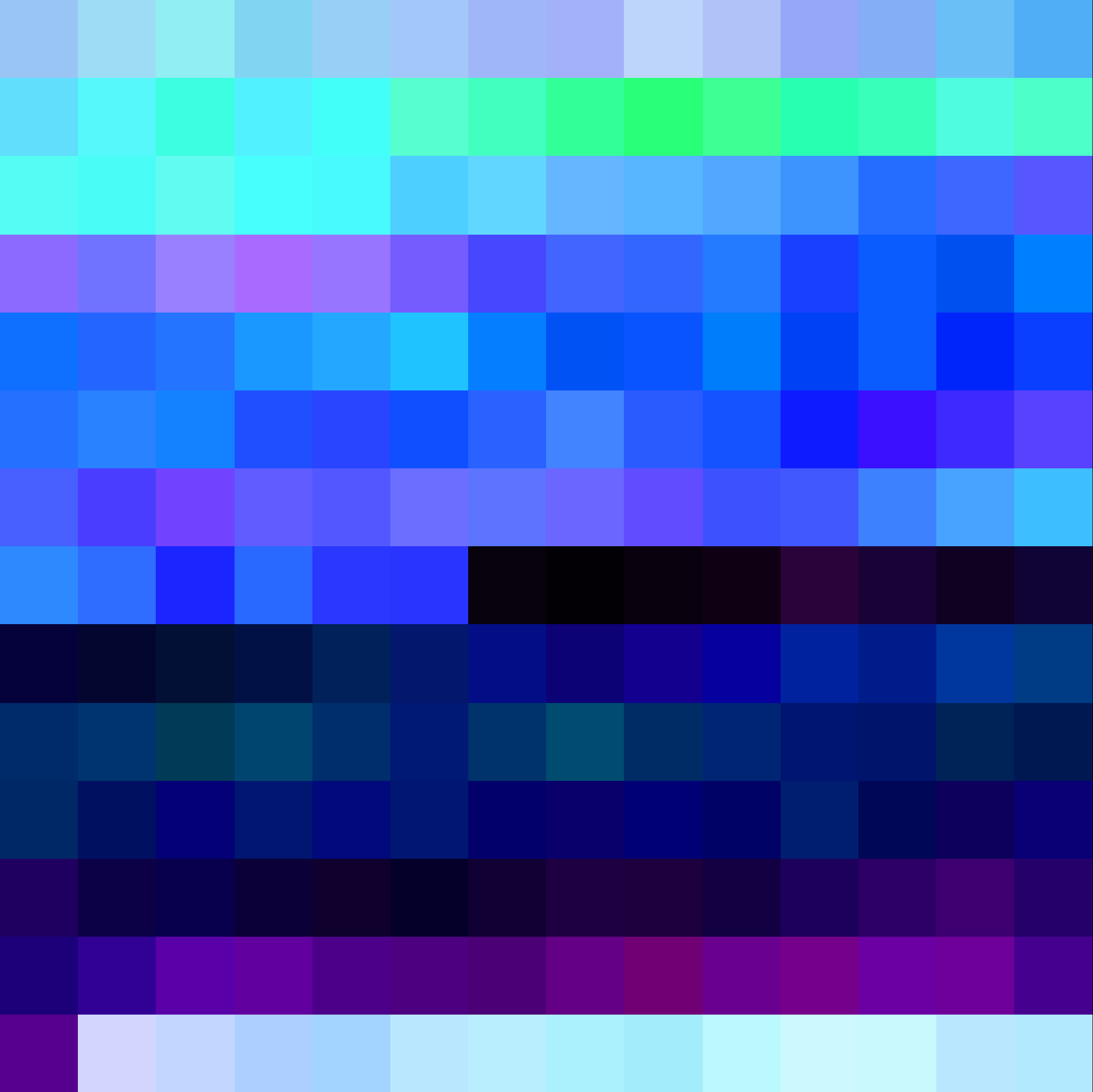
The very colourful gradient in this 11 by 11 pixel grid is mostly blue, but it also has quite some green, some indigo, some magenta, a bit of cyan, a little bit of purple, and a tiny bit of violet in it.

A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some green, and a little bit of blue in it.

Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has some red, some rose, a bit of lime, a tiny bit of yellow, a tiny bit of orange, and a tiny bit of cyan in it.

Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has some indigo, a bit of cyan, a bit of purple, a little bit of green, a little bit of violet, and a tiny bit of magenta in it.

A very, very colourful grid of 121 blocks. It's mostly indigo, and it also has some magenta, some violet, some red, some purple, a bit of rose, a bit of blue, and a tiny bit of cyan in it.
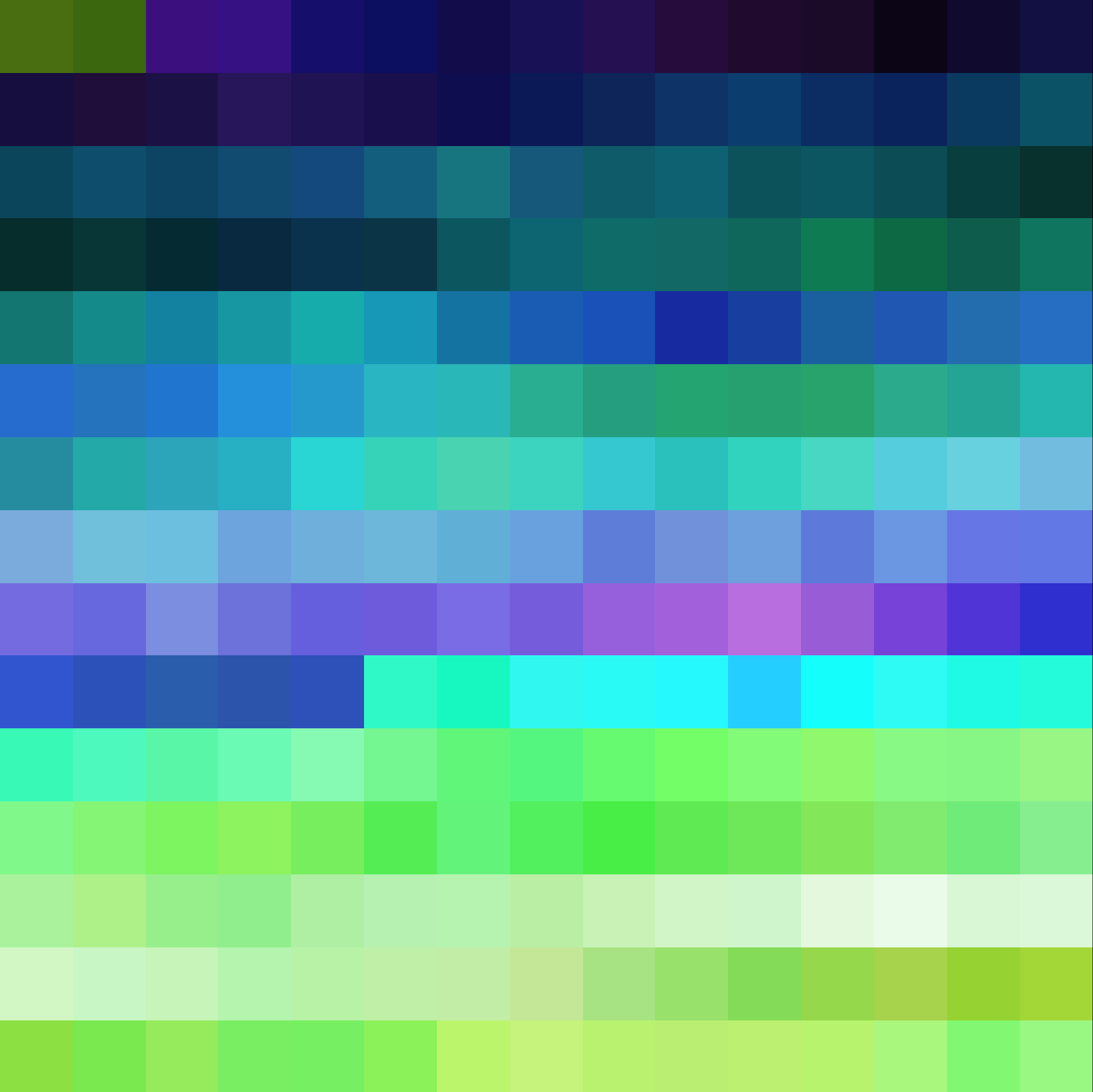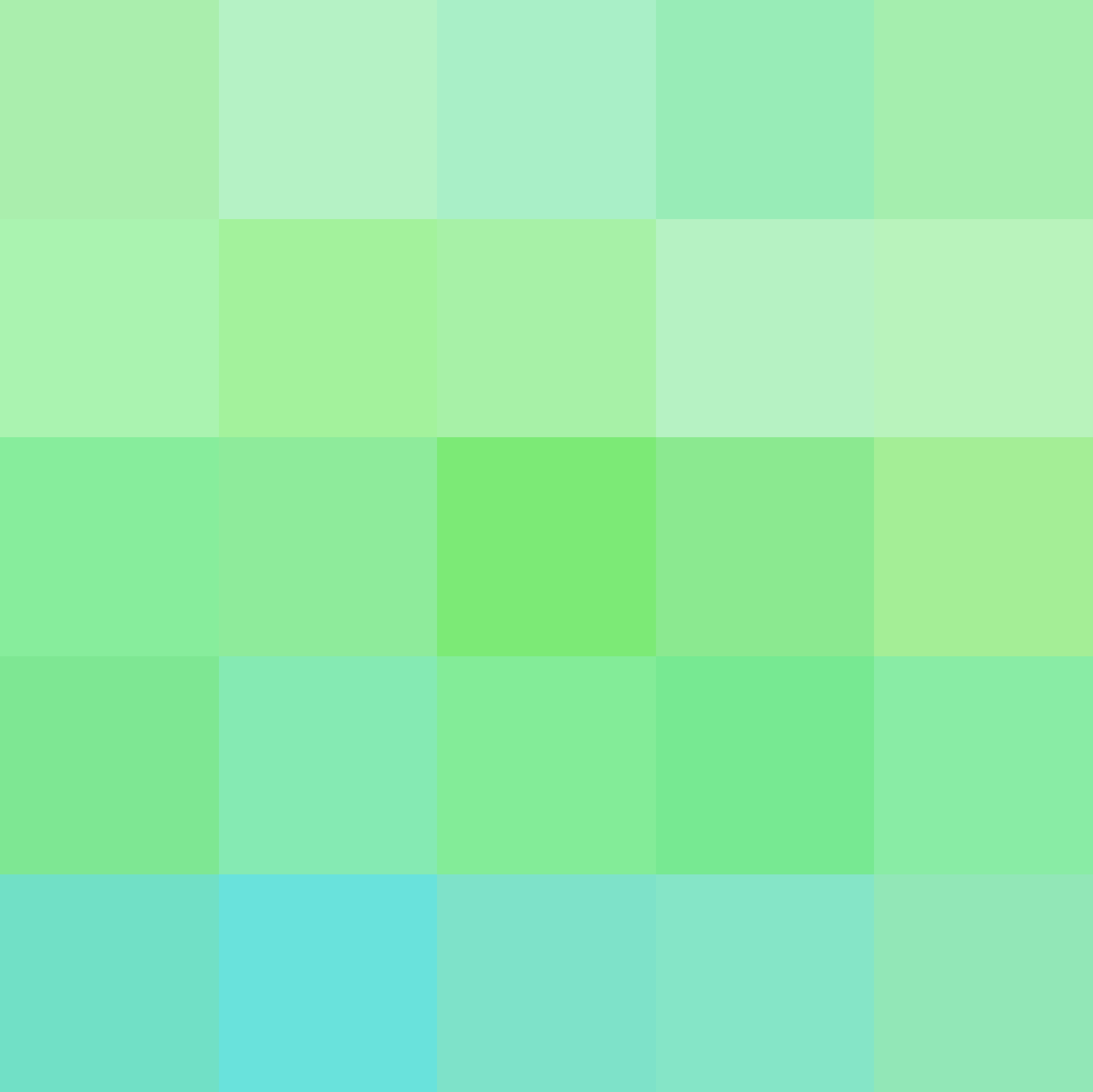
This very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, and it also has quite some blue, quite some cyan, a bit of indigo, a little bit of violet, a tiny bit of purple, and a tiny bit of lime in it.
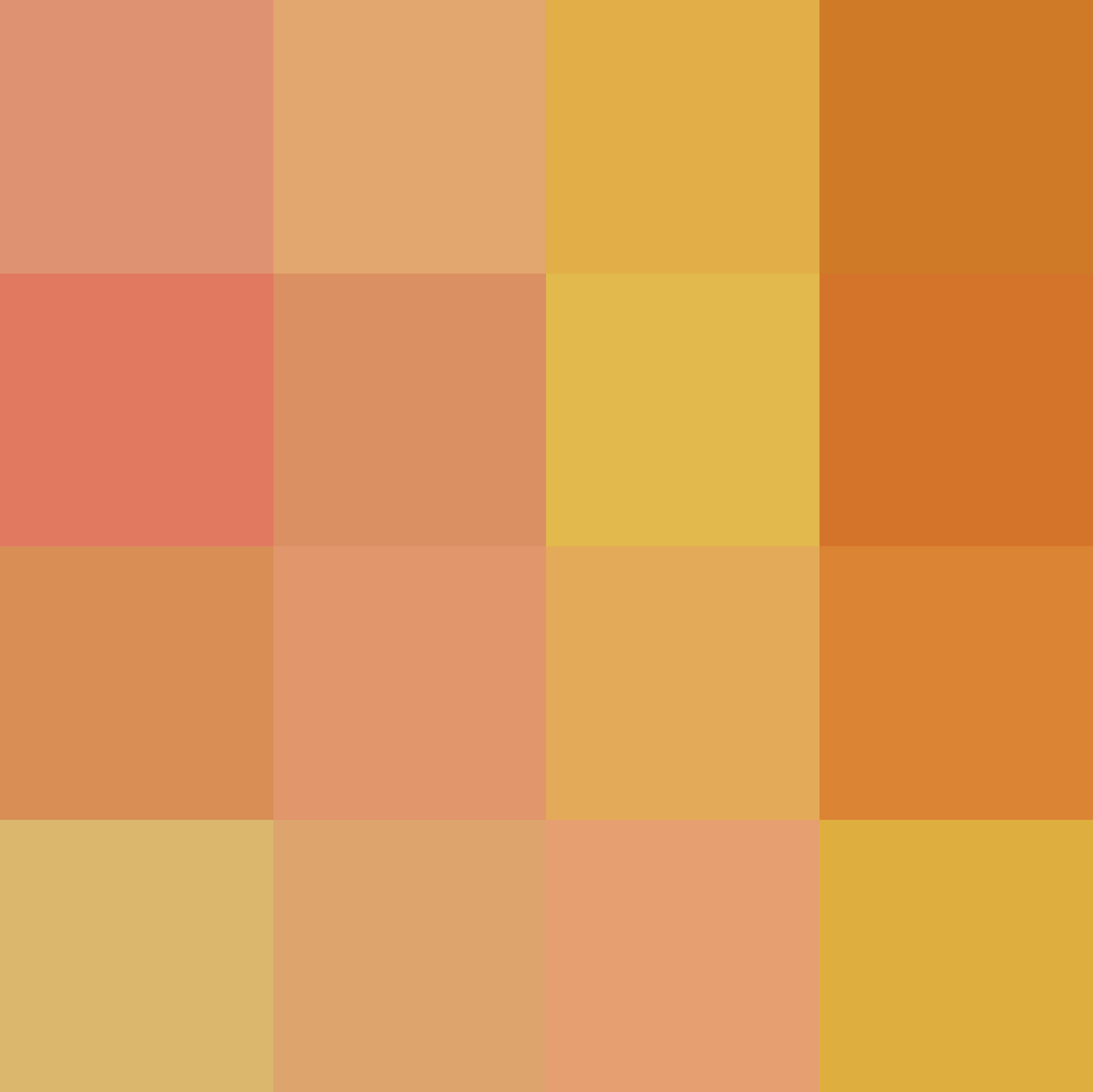
The two tone gradient in this 4 by 4 pixel grid is mostly orange, but it also has a little bit of red in it.

There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly red, and it also has quite some magenta, quite some rose, some purple, a little bit of violet, a little bit of indigo, and a tiny bit of yellow in it.

The two tone gradient in this 5 by 5 pixel grid is mostly green, but it also has some cyan in it.
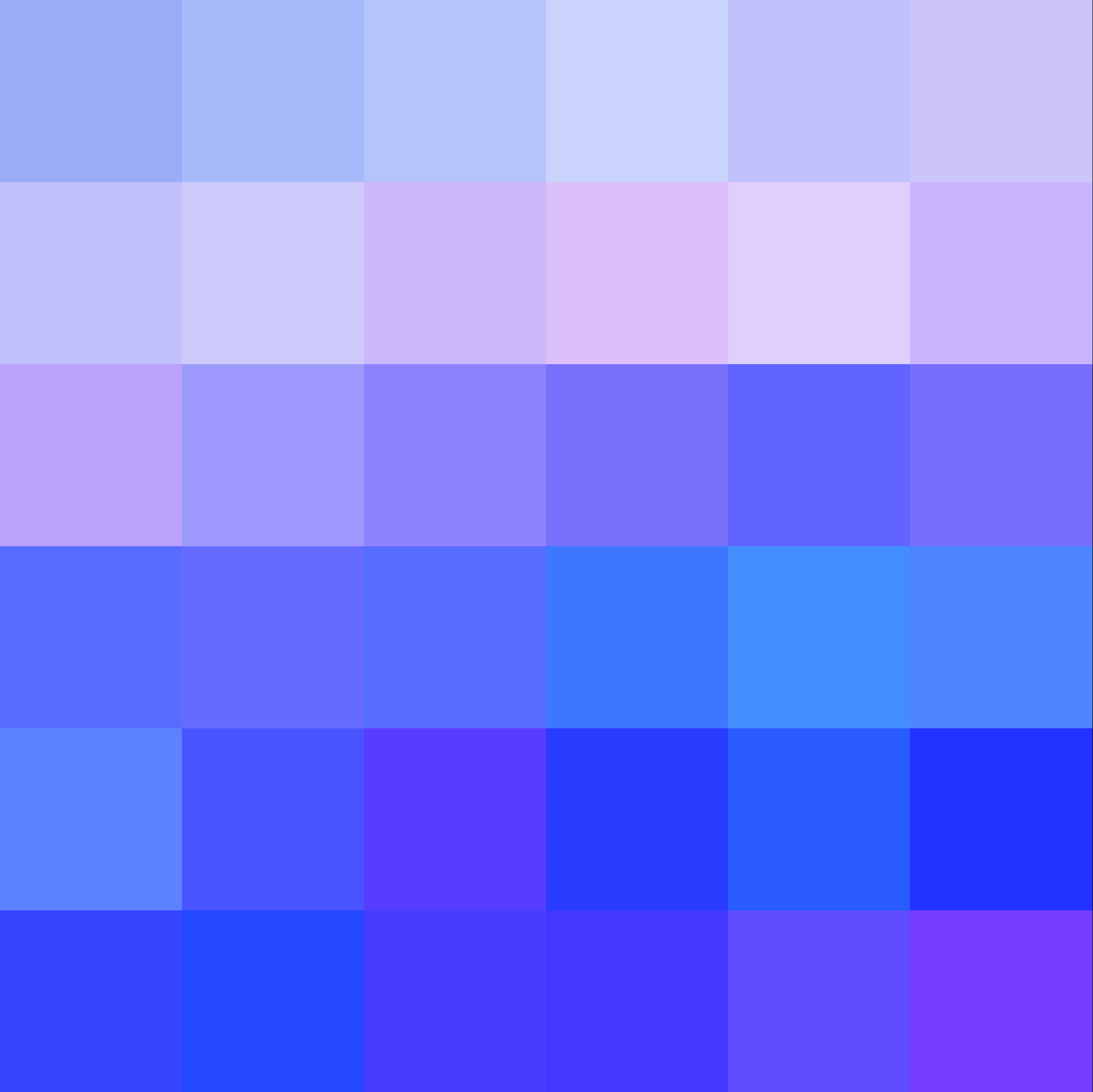
The gradient in this 6 by 6 pixel grid is mostly blue, and it also has a lot of indigo, and a little bit of violet in it.
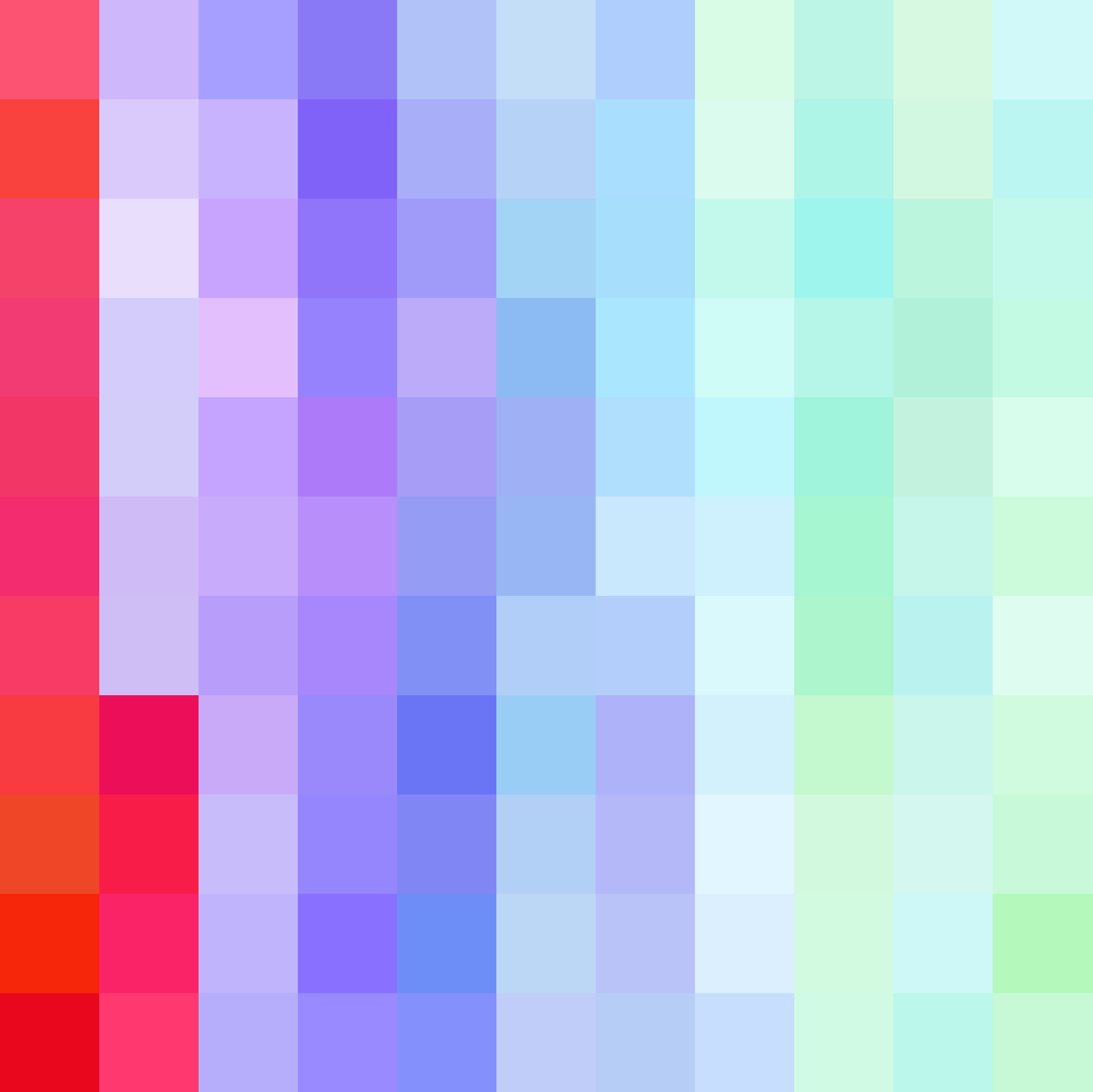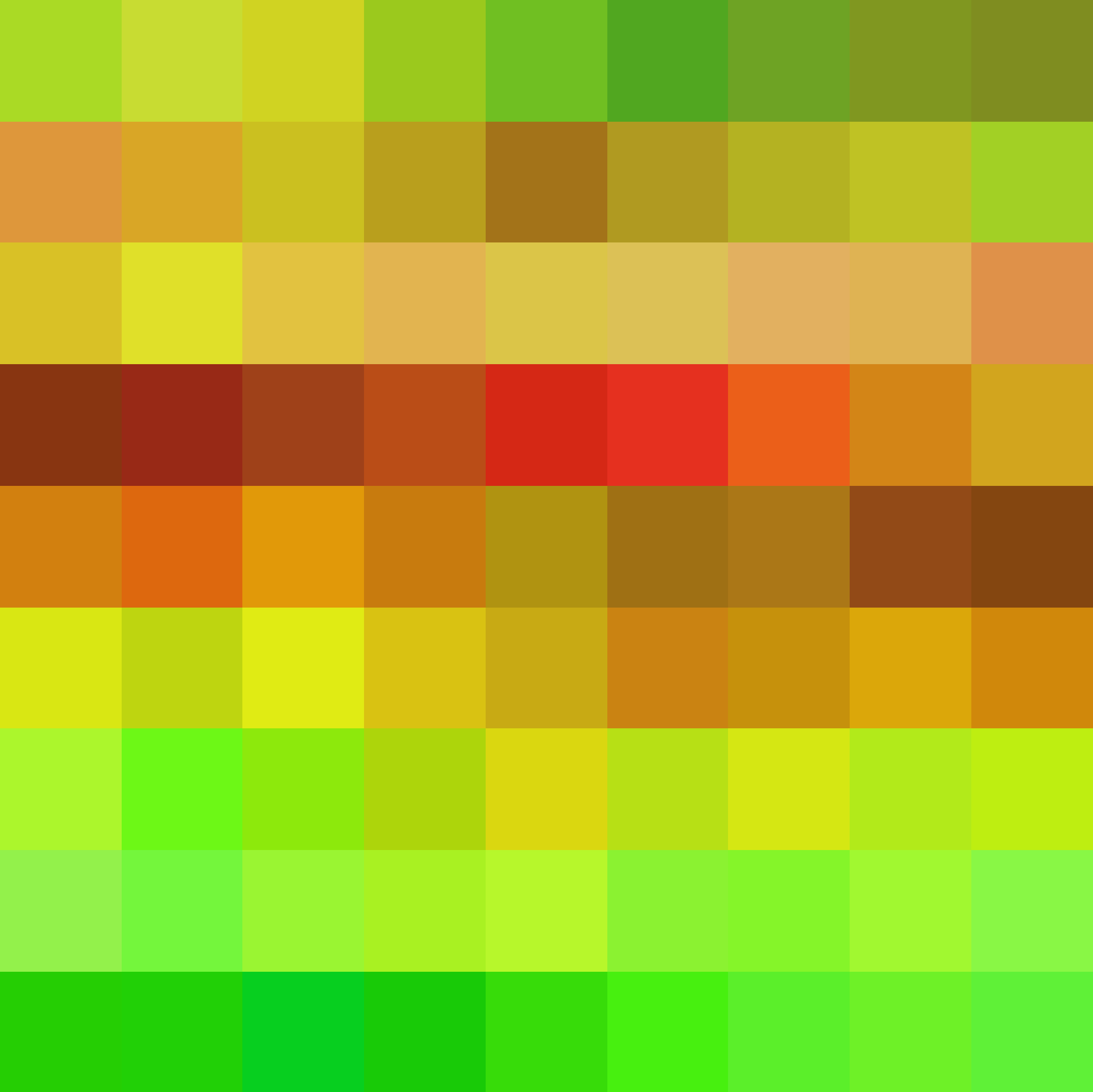
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly blue, and it also has quite some indigo, some green, some cyan, a bit of red, a little bit of violet, a little bit of rose, and a tiny bit of purple in it.

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

This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, and it also has quite some magenta, some purple, a bit of cyan, a little bit of orange, a little bit of rose, a little bit of red, a little bit of yellow, a little bit of blue, a tiny bit of violet, and a tiny bit of indigo in it.
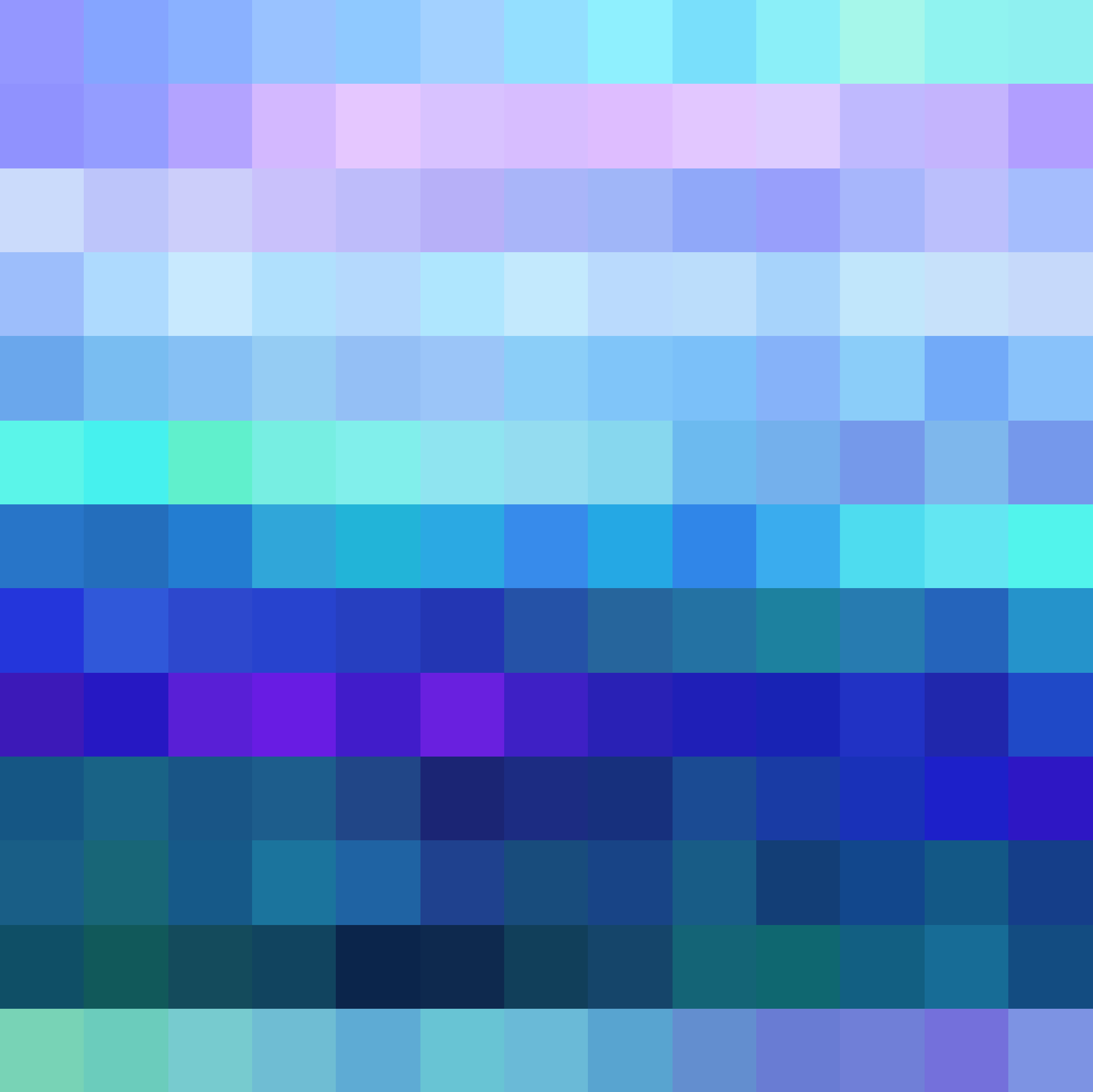
This colourful gradient, generated in this 9 by 9 pixel grid, is mostly orange, and it also has quite some green, quite some yellow, some lime, and a little bit of red in it.
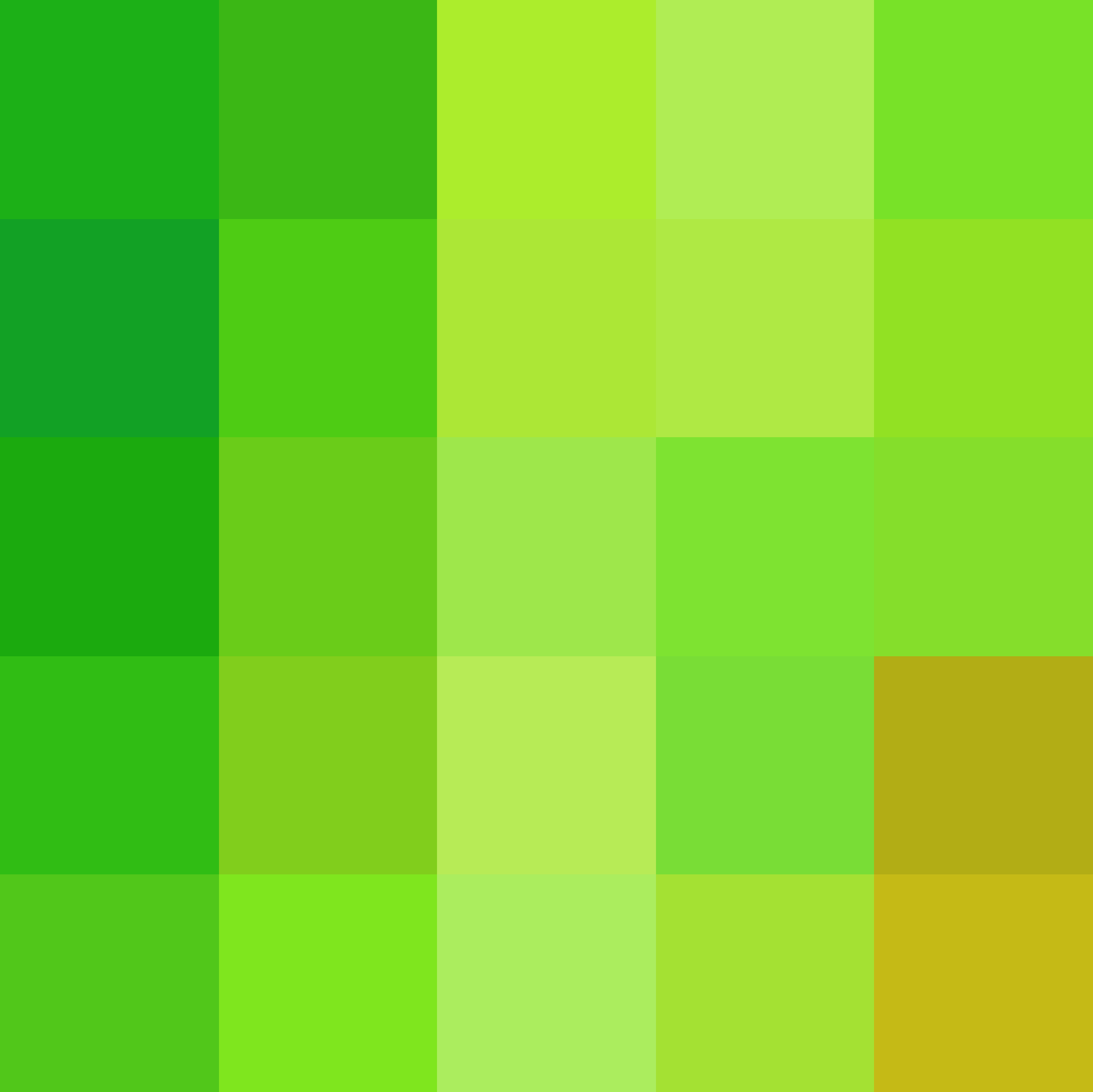
This two tone gradient, generated in this 5 by 5 pixel grid, is mostly green, and it also has a bit of yellow in it.

This very colourful gradient, generated in this 13 by 13 pixel grid, is mostly blue, but it also has some cyan, a bit of indigo, a little bit of violet, a tiny bit of purple, and a tiny bit of green in it.
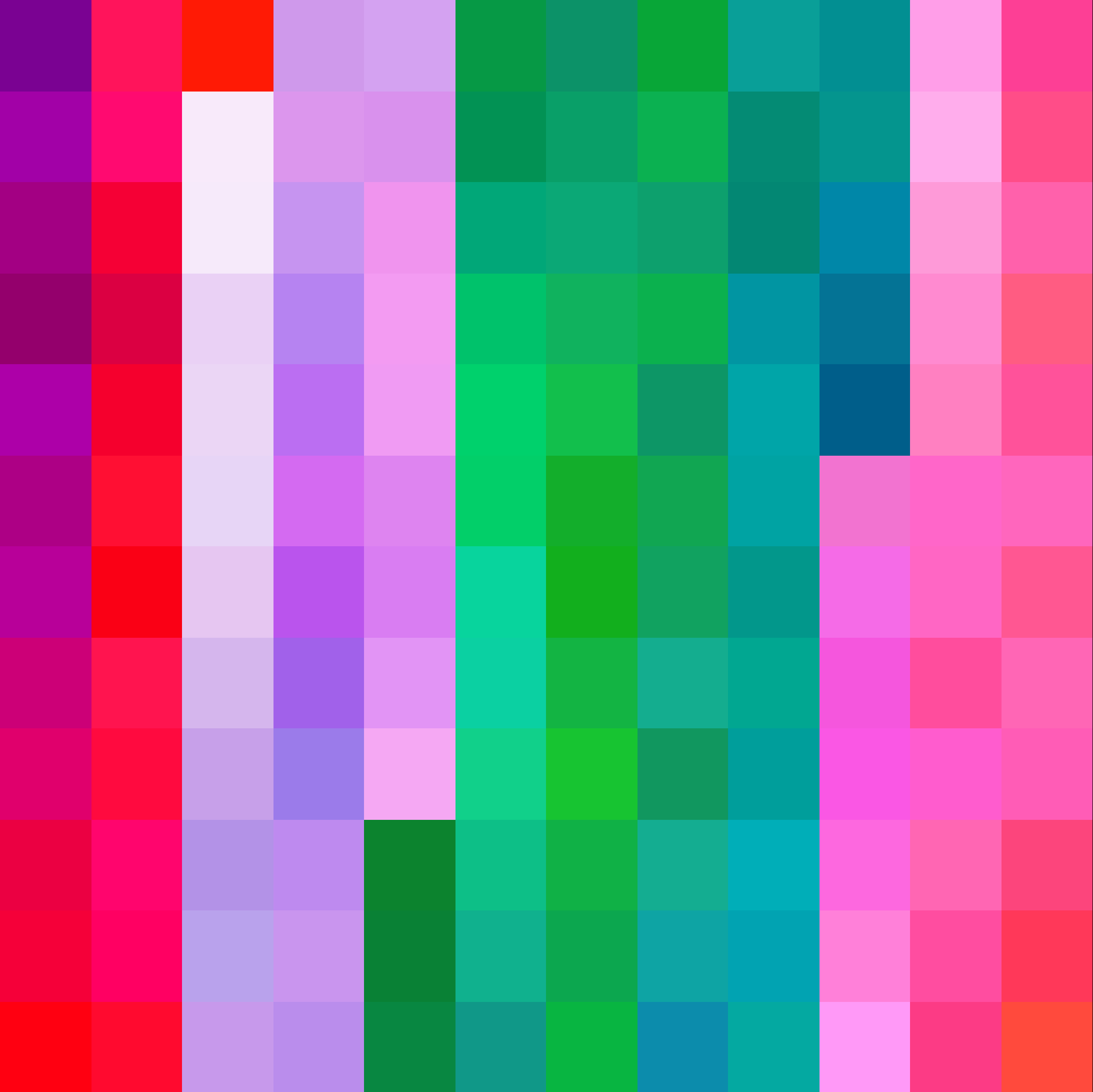
A very, very colourful grid of 144 blocks. It's mostly green, and it also has some magenta, some cyan, some purple, some rose, a bit of red, a little bit of violet, a tiny bit of indigo, and a tiny bit of blue in it.
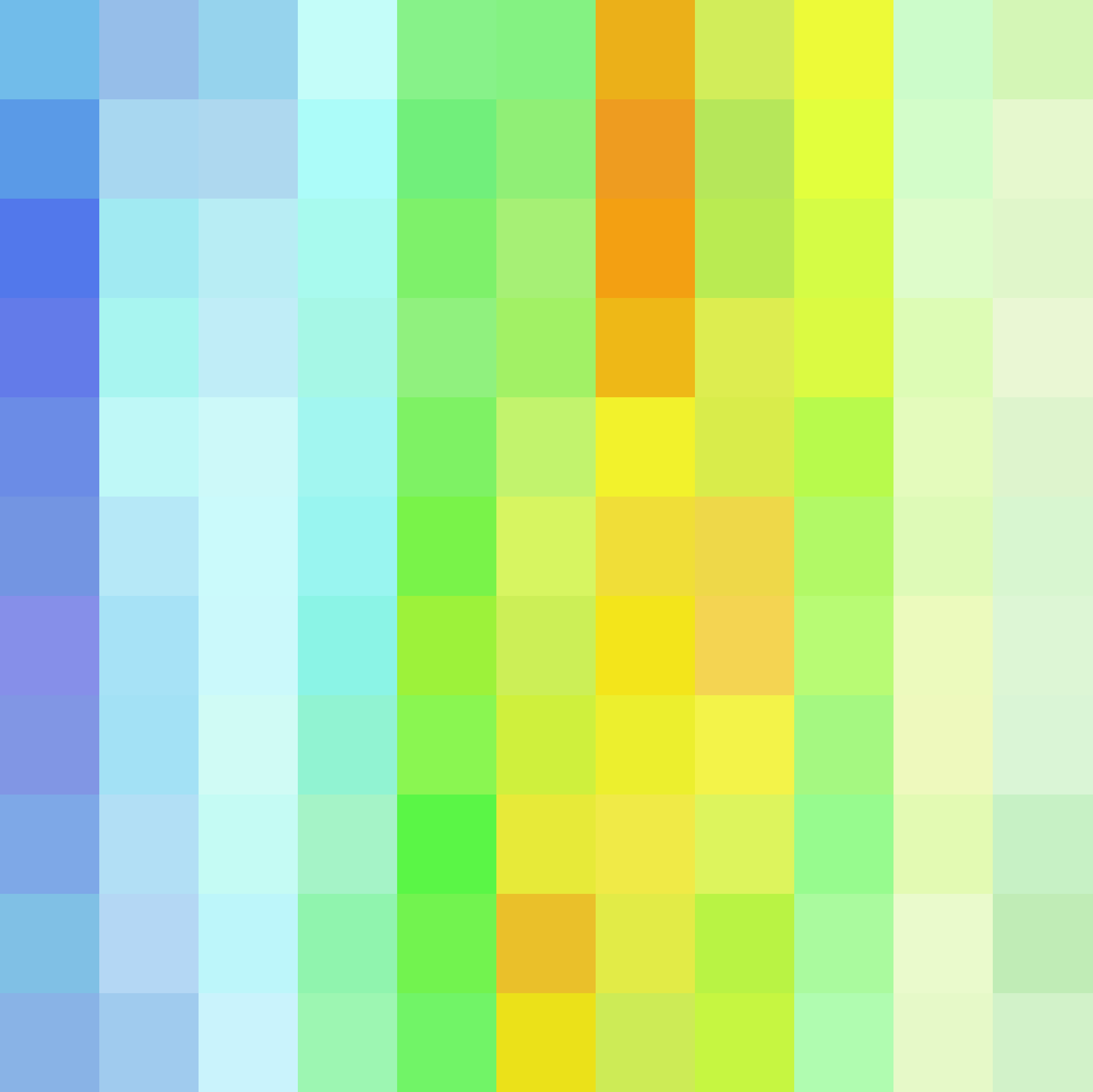
There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly green, and it also has some blue, some cyan, some yellow, a bit of lime, and a little bit of orange in it.
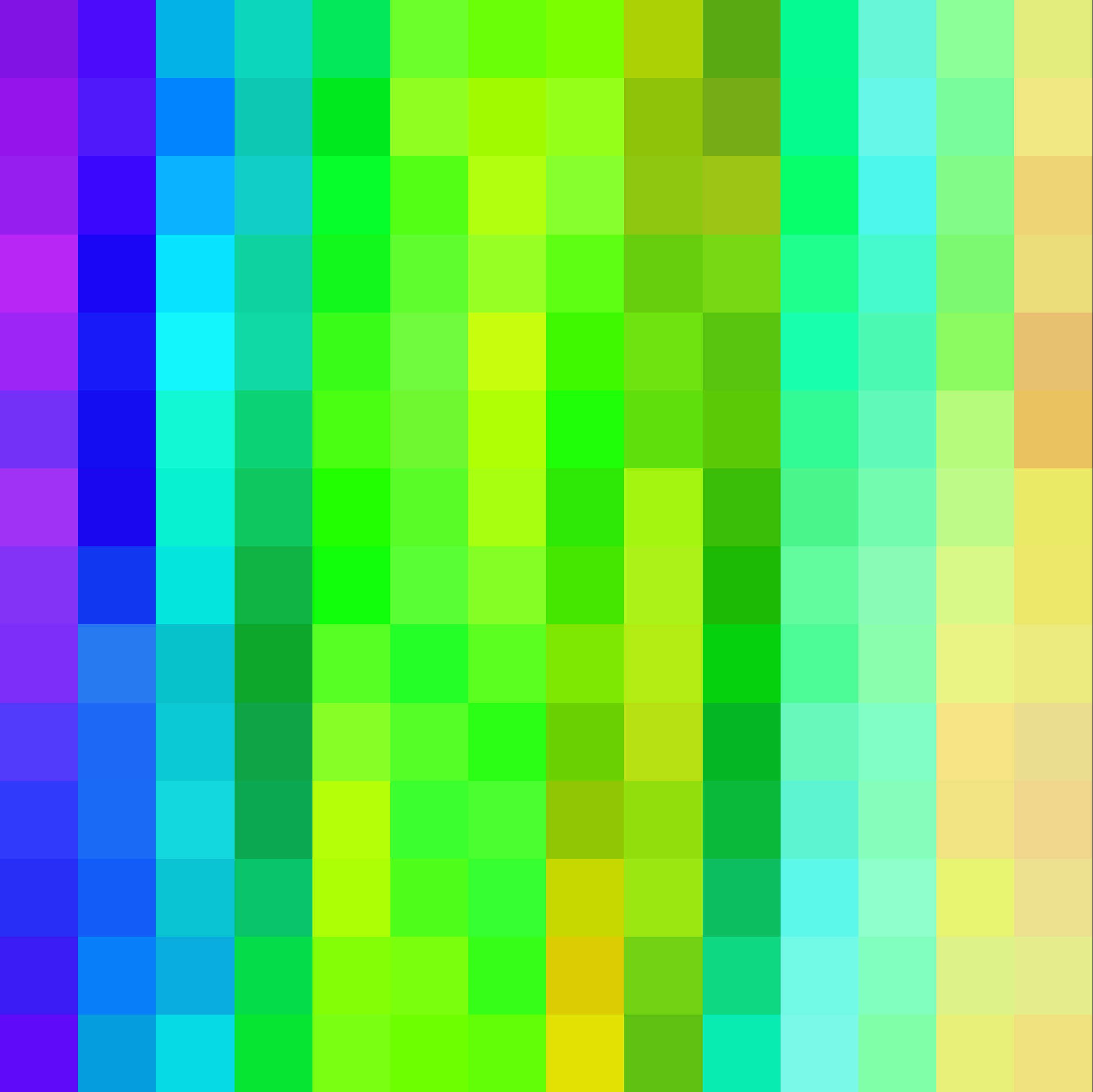
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some yellow, a bit of blue, a bit of lime, a little bit of indigo, a little bit of purple, a tiny bit of violet, and a tiny bit of orange in it.

The gradient in this 5 by 5 pixel grid is mostly blue, and it also has a lot of cyan, and a little bit of indigo in it.
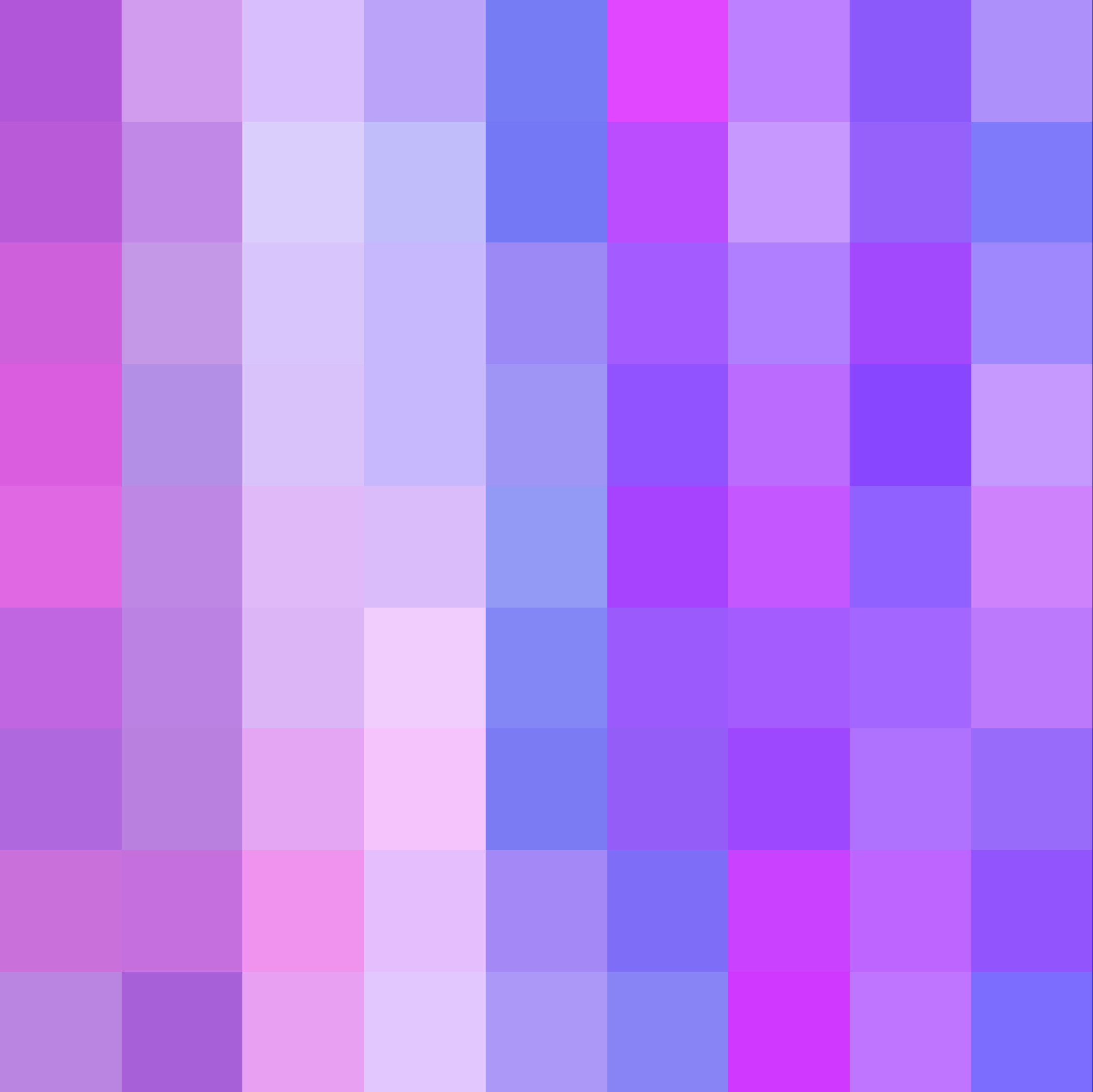
A 7 by 7 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some green, a bit of purple, a little bit of cyan, a little bit of indigo, and a little bit of violet in it.

There's a colourful pixel gradient in this 9 by 9 grid. It is mostly purple, but it also has quite some violet, quite some indigo, a bit of magenta, and a little bit of blue in it.
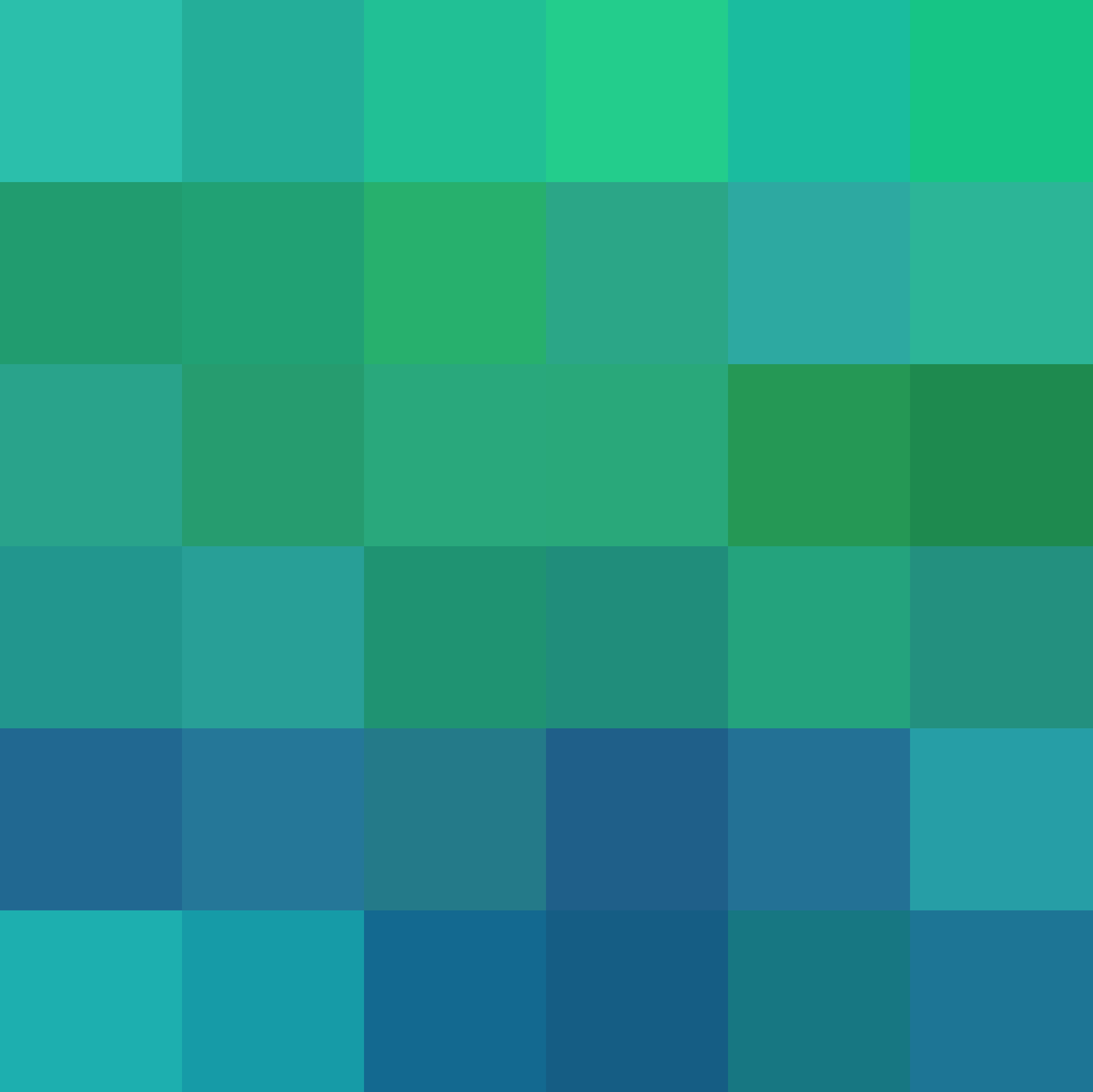
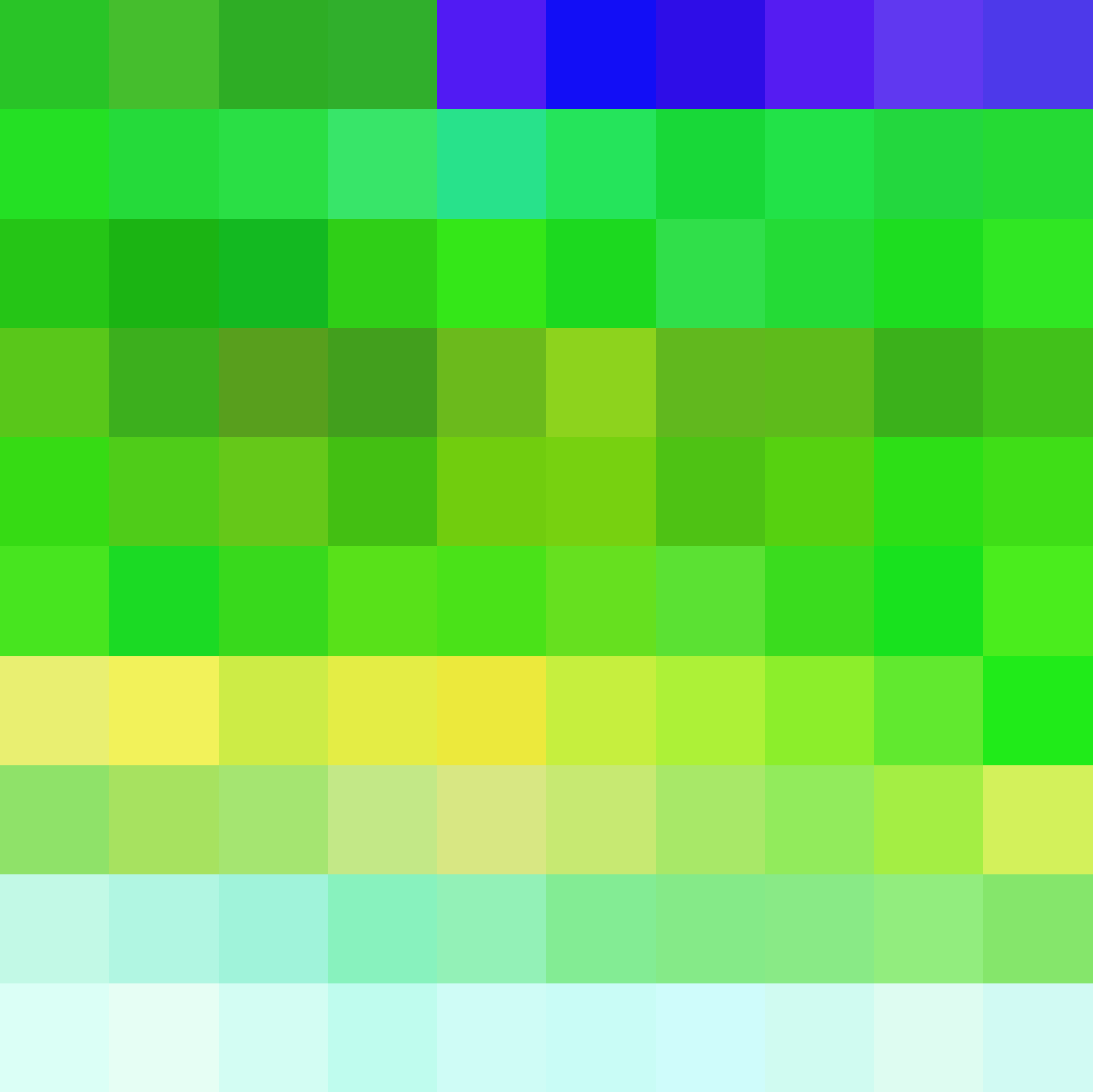A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some green, and some blue in it.

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 little bit of indigo, a little bit of yellow, and a little bit of lime in it.
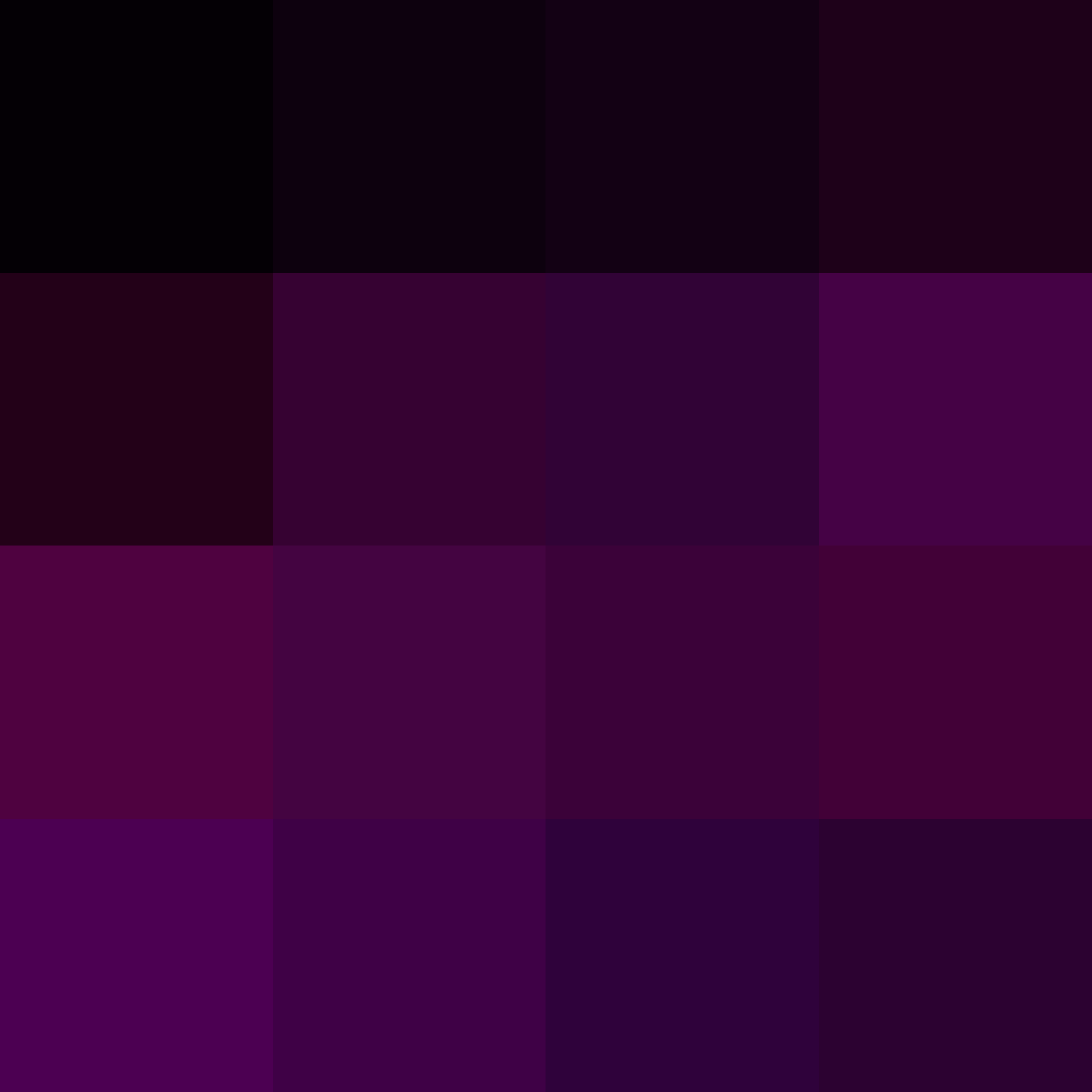
A two tone grid of 16 blocks. It's mostly magenta, but it also has some purple in it.
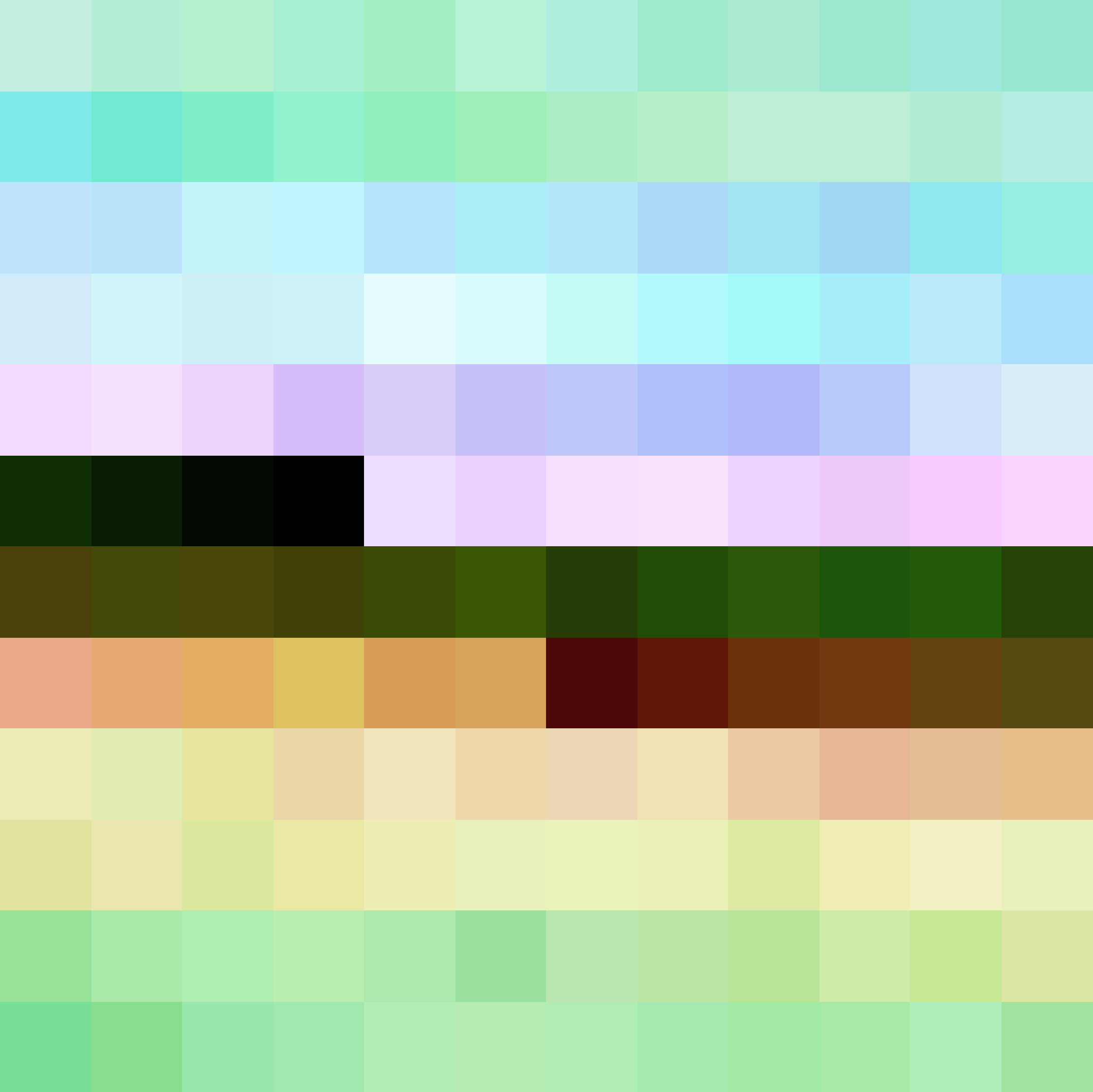
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has some cyan, some yellow, some blue, some orange, a little bit of purple, a little bit of lime, a tiny bit of indigo, a tiny bit of violet, a tiny bit of magenta, and a tiny bit of red in it.

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

A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some blue, and quite some cyan in it.
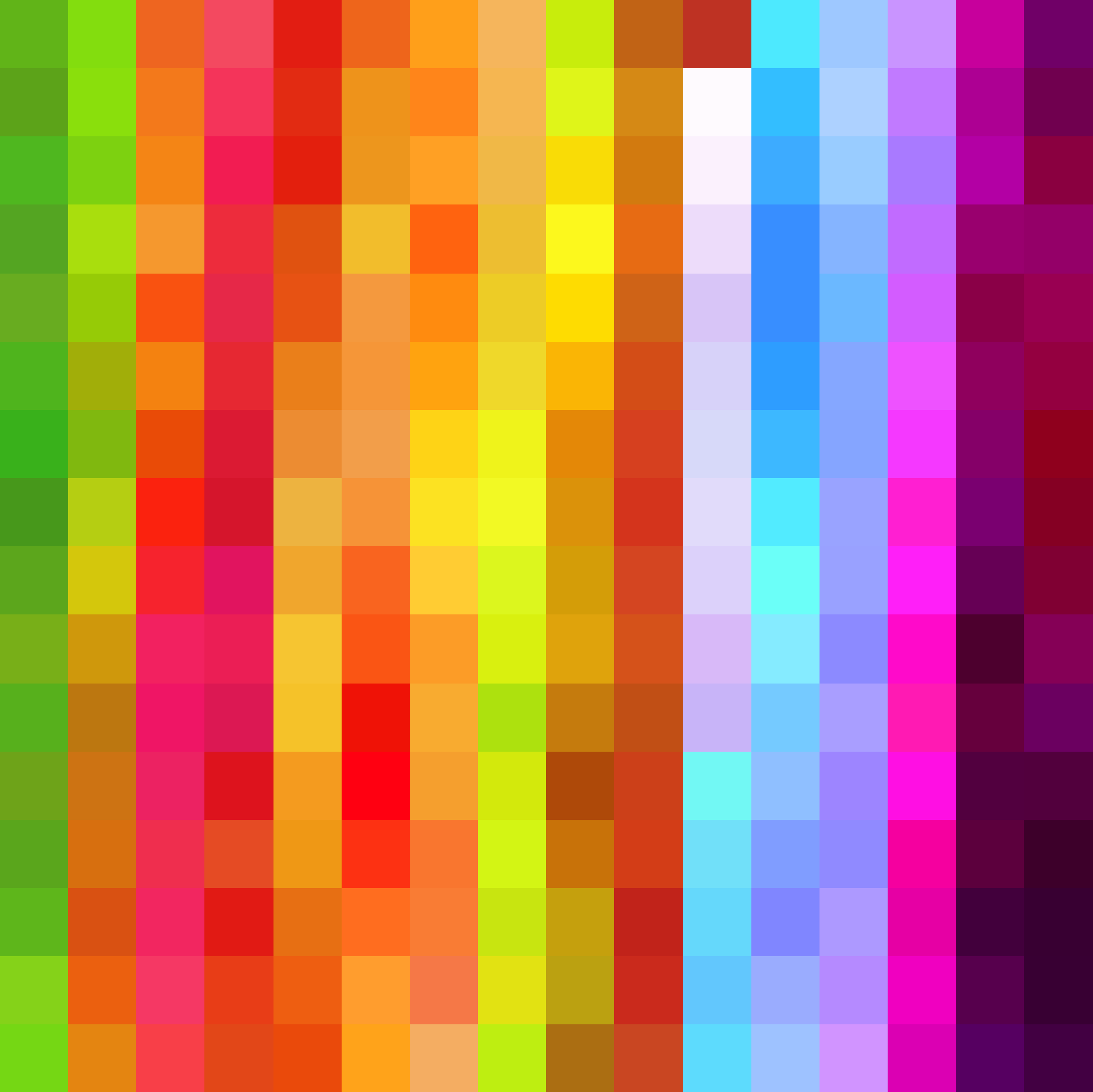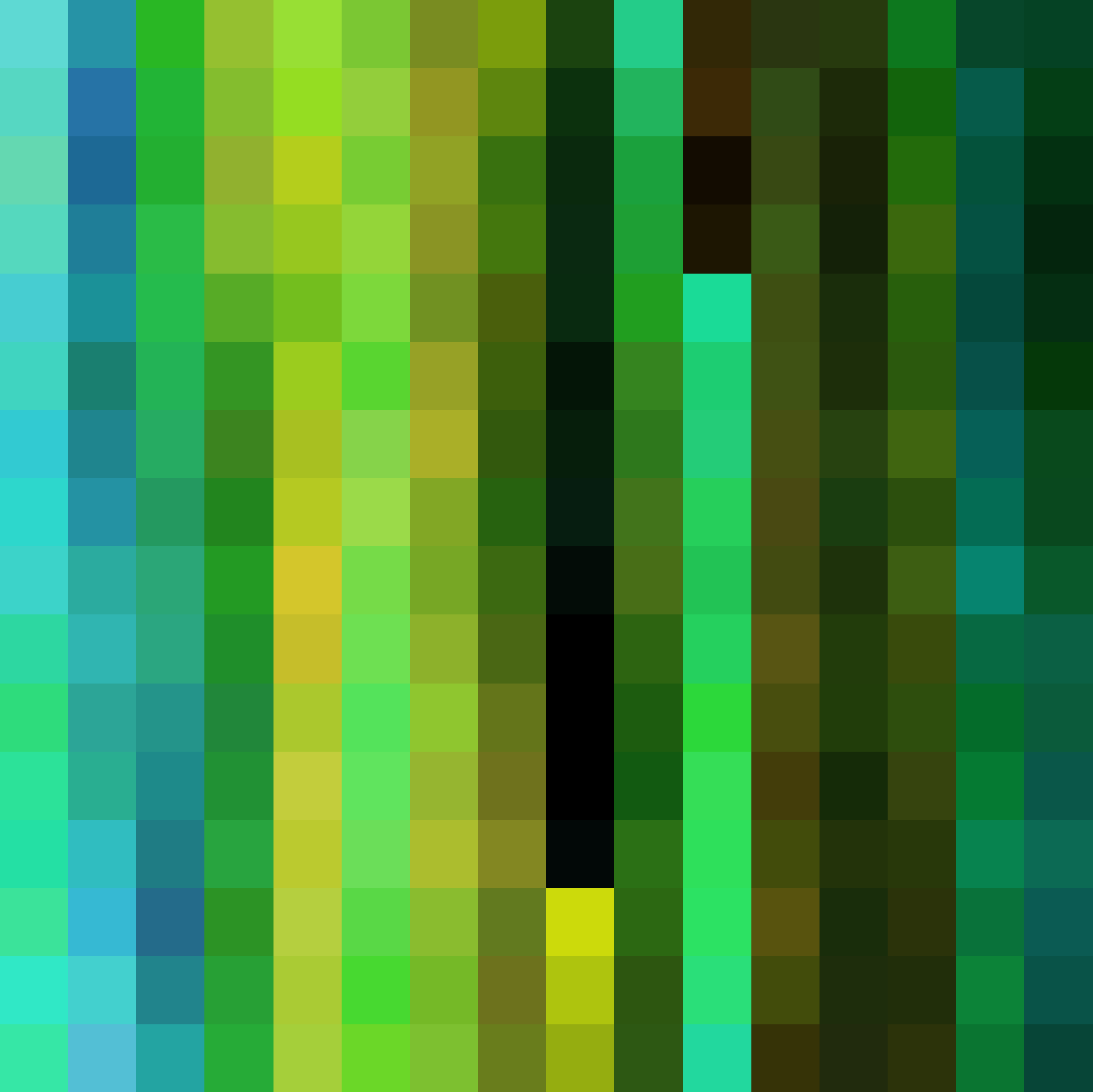
There's a very colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has some cyan, some yellow, a bit of lime, a tiny bit of blue, and a tiny bit of orange in it.

A 16 by 16 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has a bit of blue, a little bit of red, a little bit of lime, a little bit of cyan, a tiny bit of orange, and a tiny bit of yellow in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has some cyan, a bit of purple, a little bit of indigo, a little bit of blue, a little bit of orange, a little bit of lime, a tiny bit of yellow, a tiny bit of violet, a tiny bit of red, and a tiny bit of magenta in it.
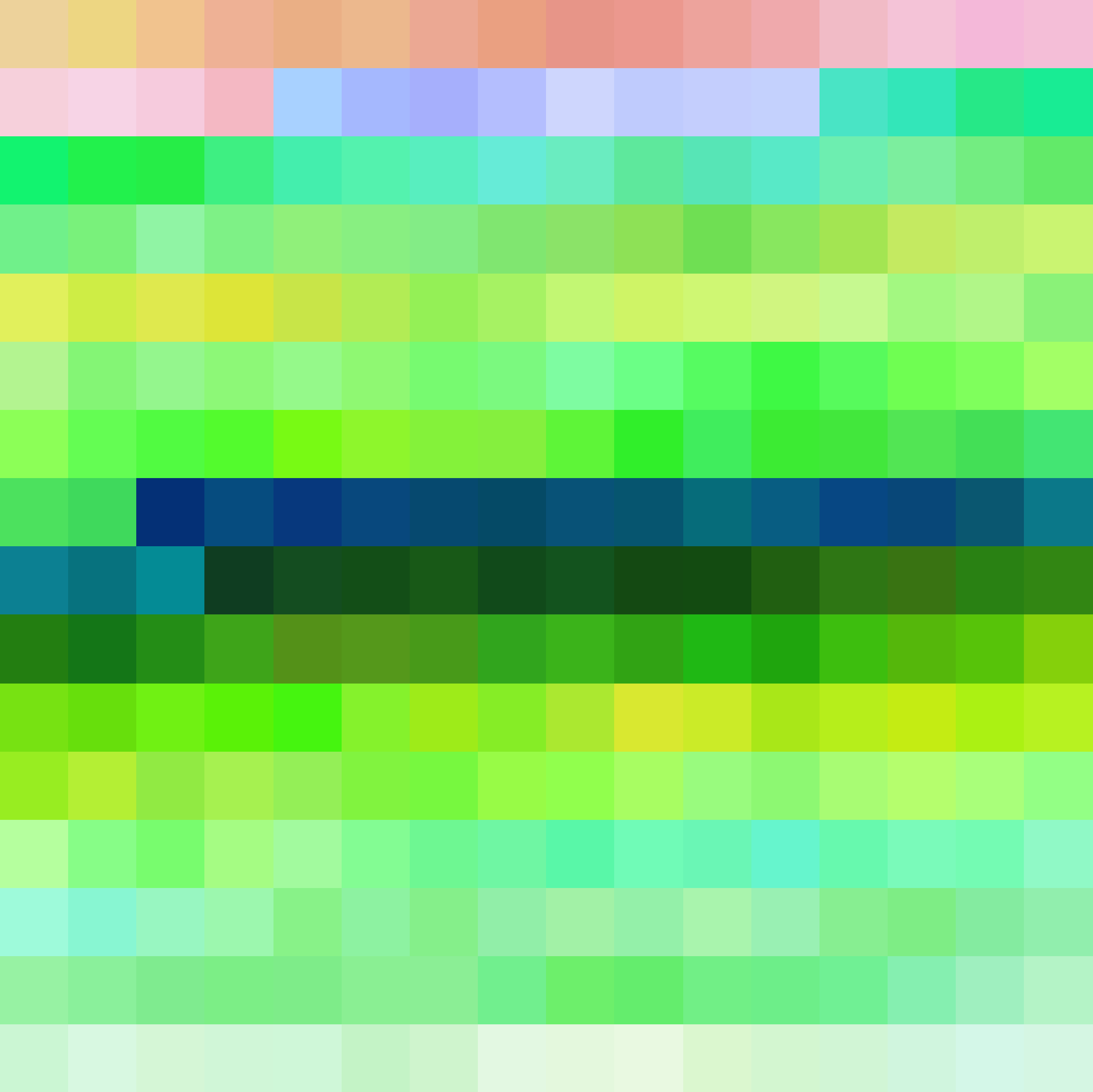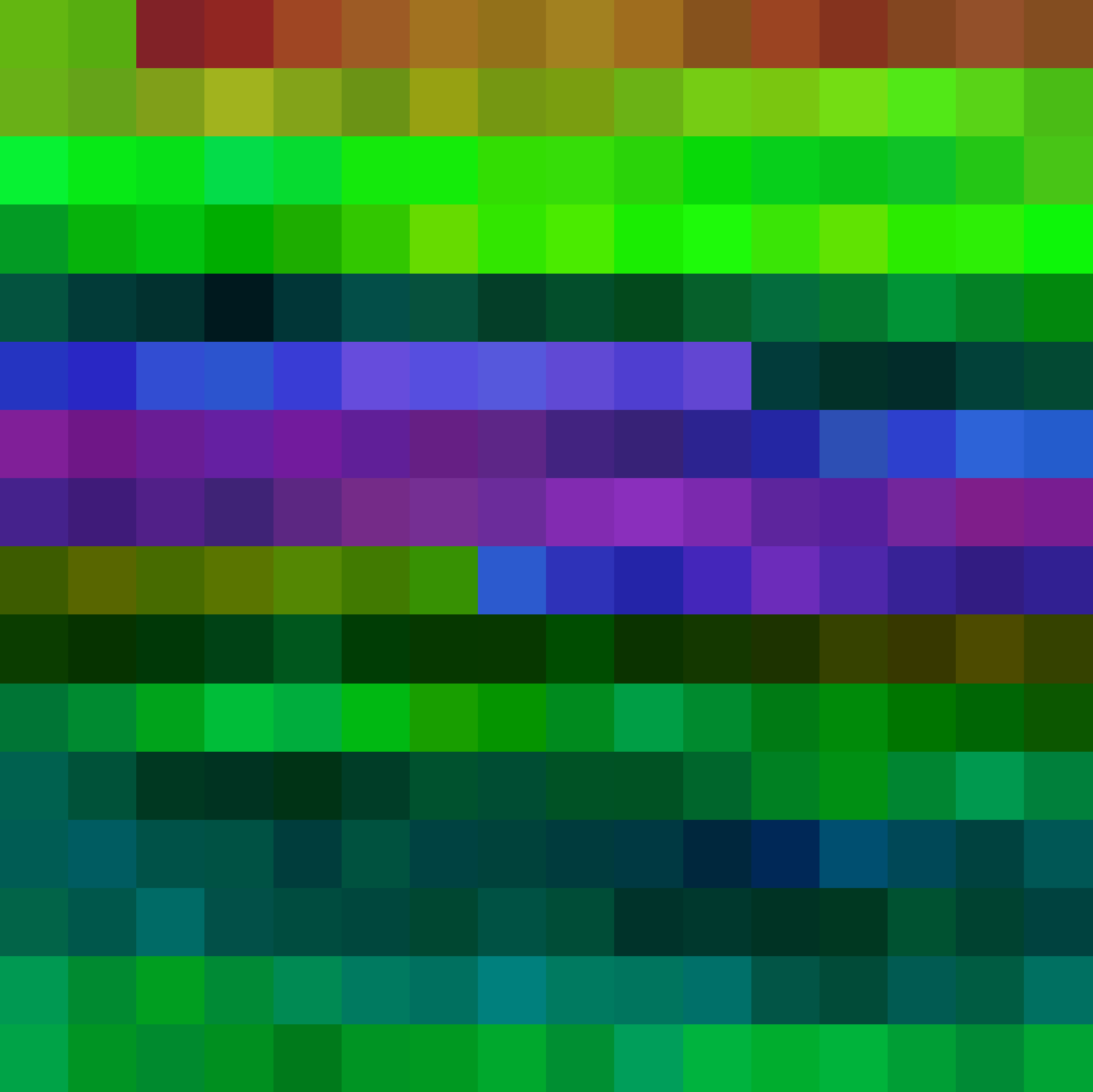
There's a pixel gradient in this 7 by 7 grid. It is mostly green, and it also has quite some cyan, and some blue in it.

The very colourful gradient in this 8 by 8 pixel grid is mostly yellow, and it also has quite some cyan, some orange, some green, some lime, and a bit of red in it.
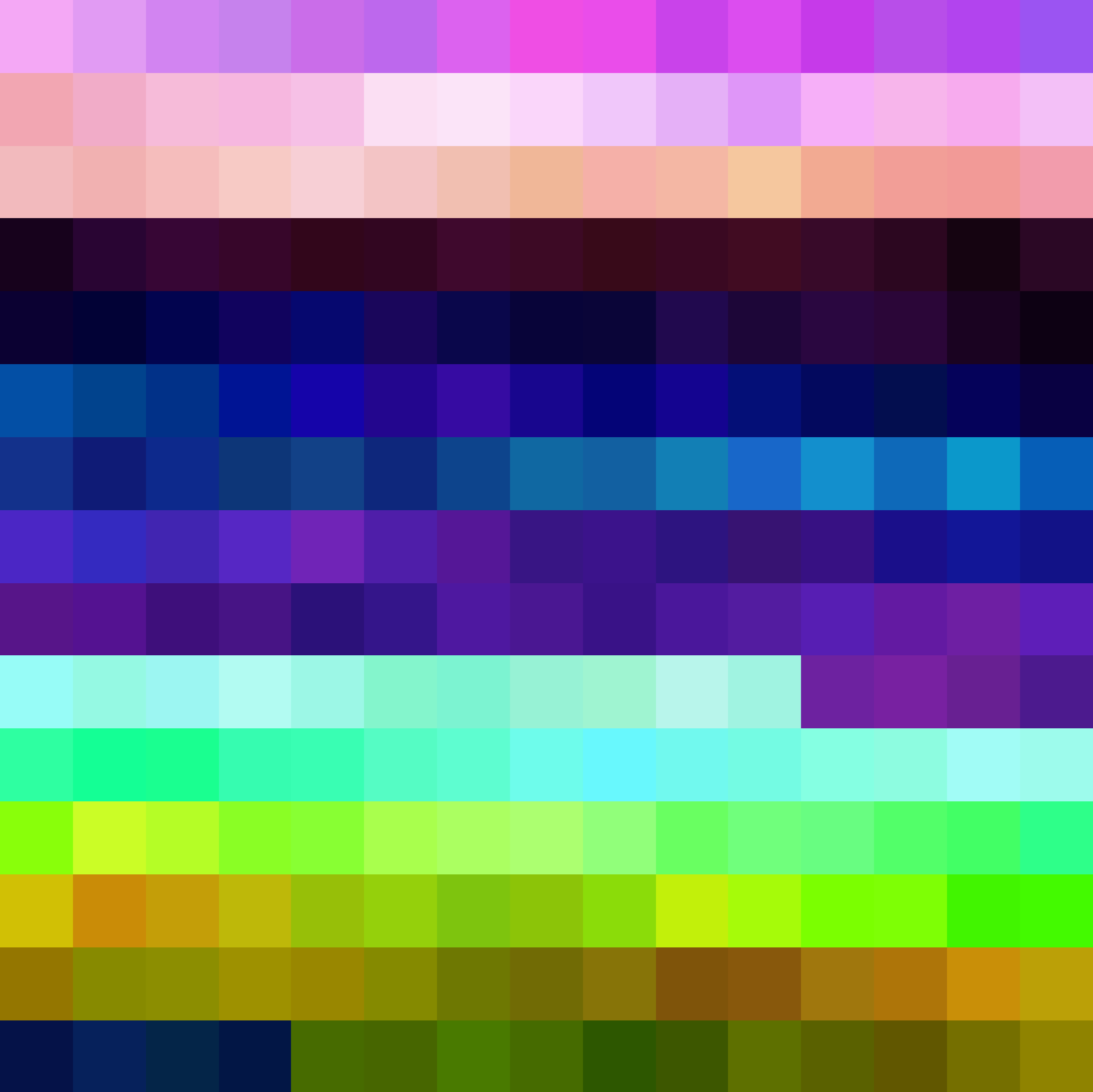
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, but it also has some blue, some purple, some indigo, a bit of magenta, a bit of yellow, a bit of violet, a bit of cyan, a little bit of red, a little bit of orange, a little bit of rose, and a little bit of lime in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly purple, and it also has quite some indigo, some green, some blue, a bit of violet, a bit of magenta, a little bit of rose, a little bit of cyan, and a tiny bit of red in it.
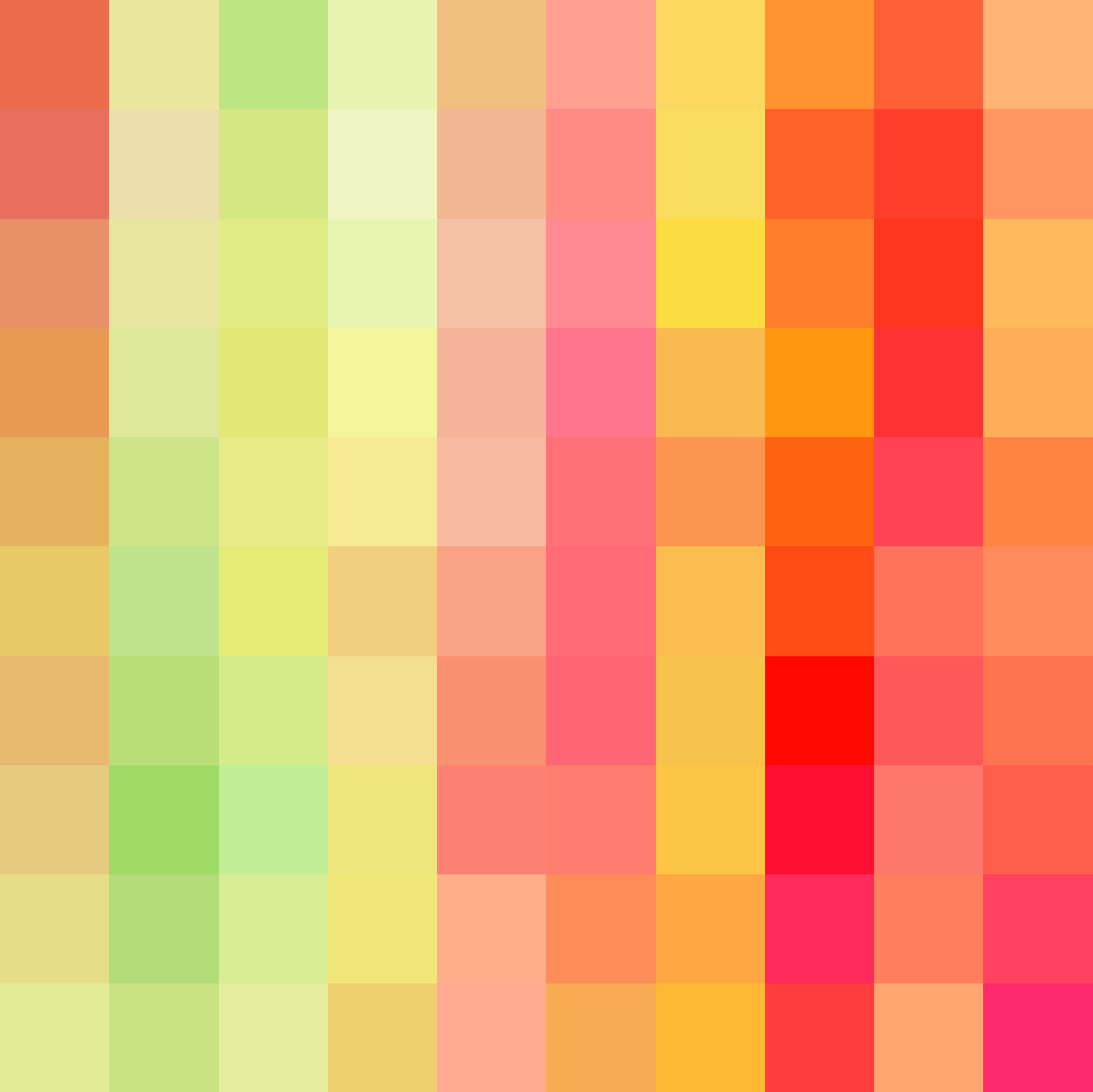
A 10 by 10 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, quite some yellow, a little bit of lime, and a little bit of green in it.
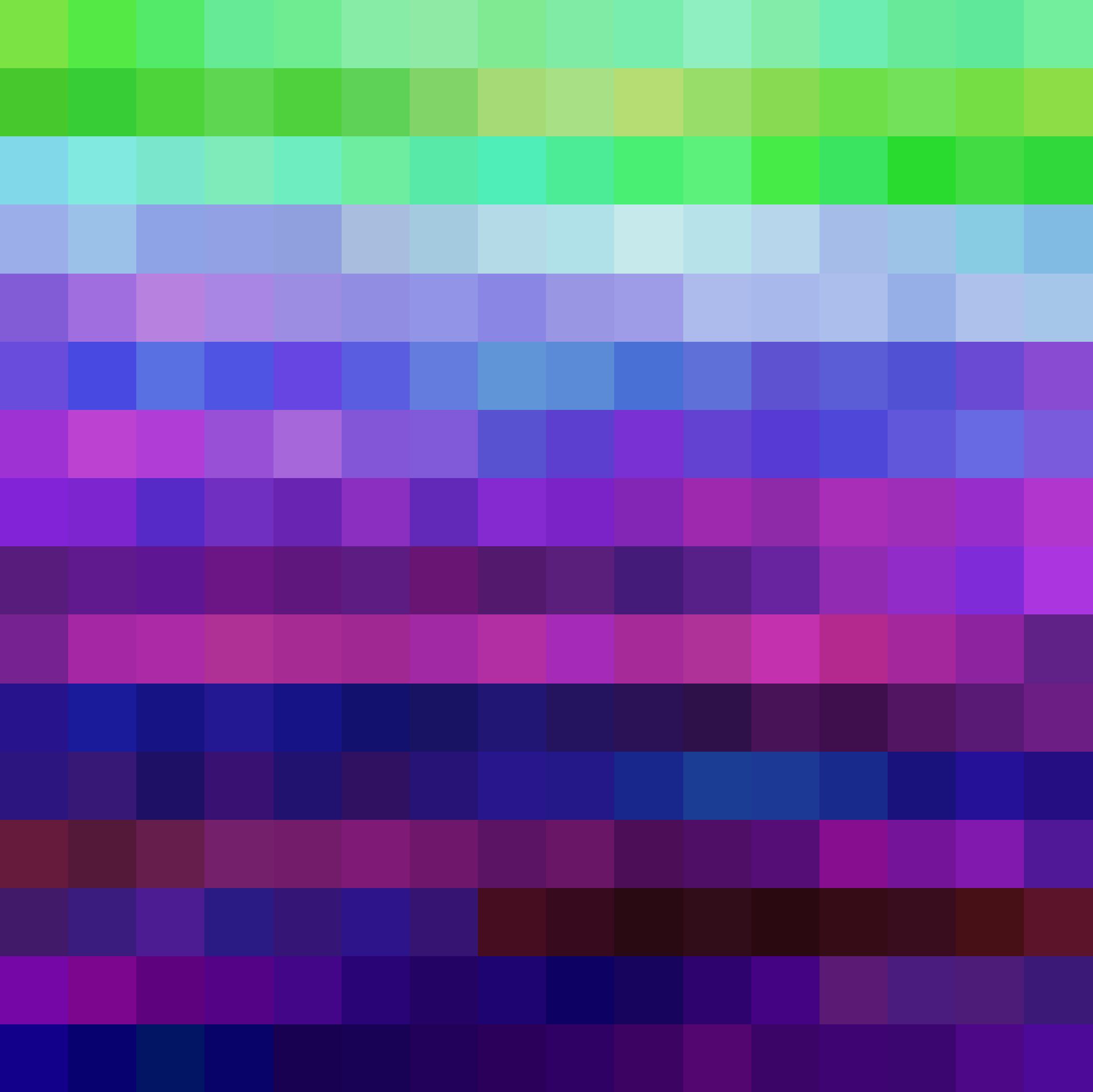
There's a pixel gradient in this 6 by 6 grid. It is mostly green, but it also has some cyan, and a little bit of blue in it.
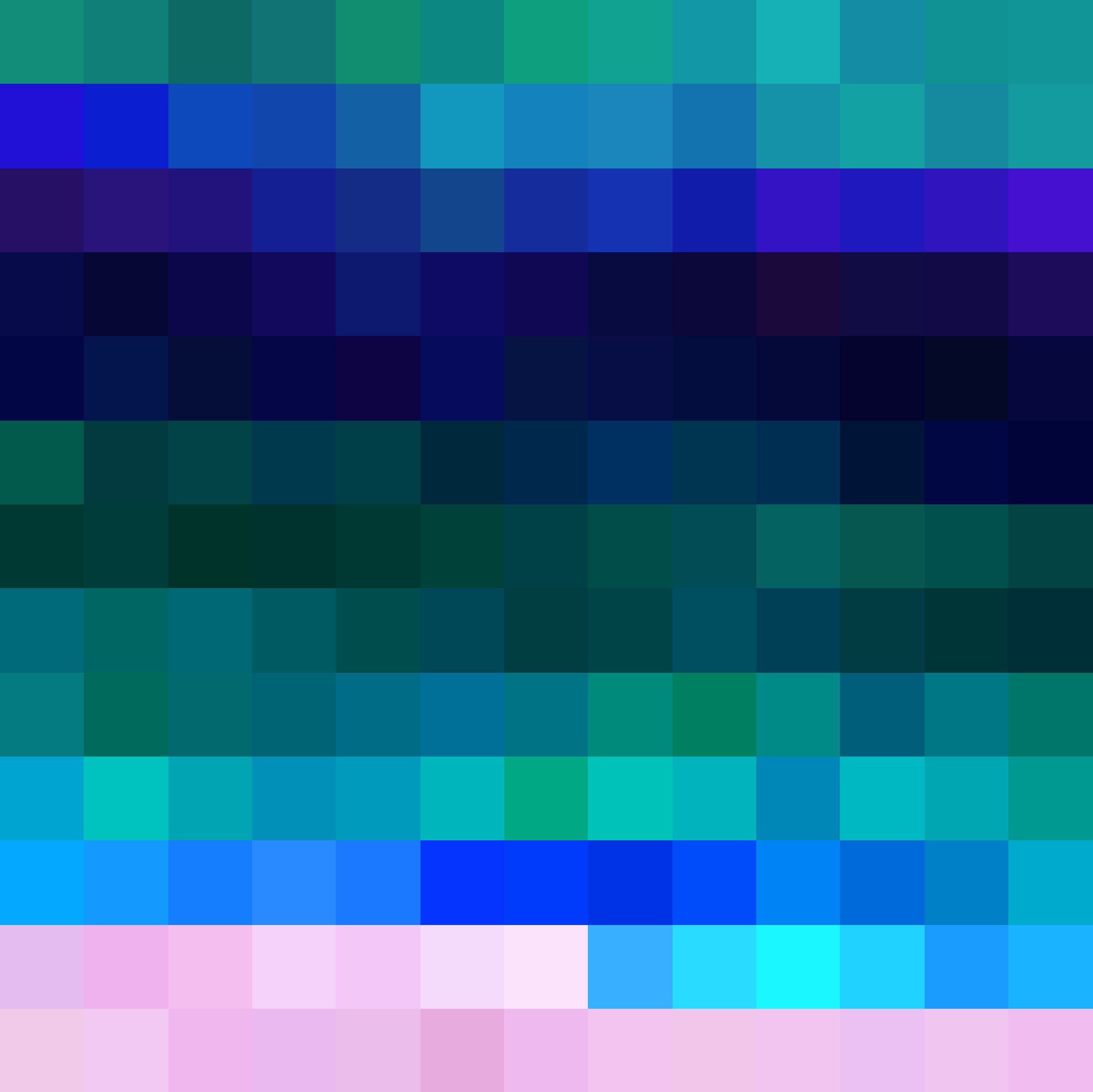
This very colourful gradient, generated in this 13 by 13 pixel grid, is mostly cyan, and it also has quite some blue, some indigo, some magenta, a tiny bit of purple, and a tiny bit of violet in it.

There's a colourful pixel gradient in this 8 by 8 grid. It is mostly blue, but it also has quite some violet, quite some indigo, quite some purple, and a little bit of magenta in it.
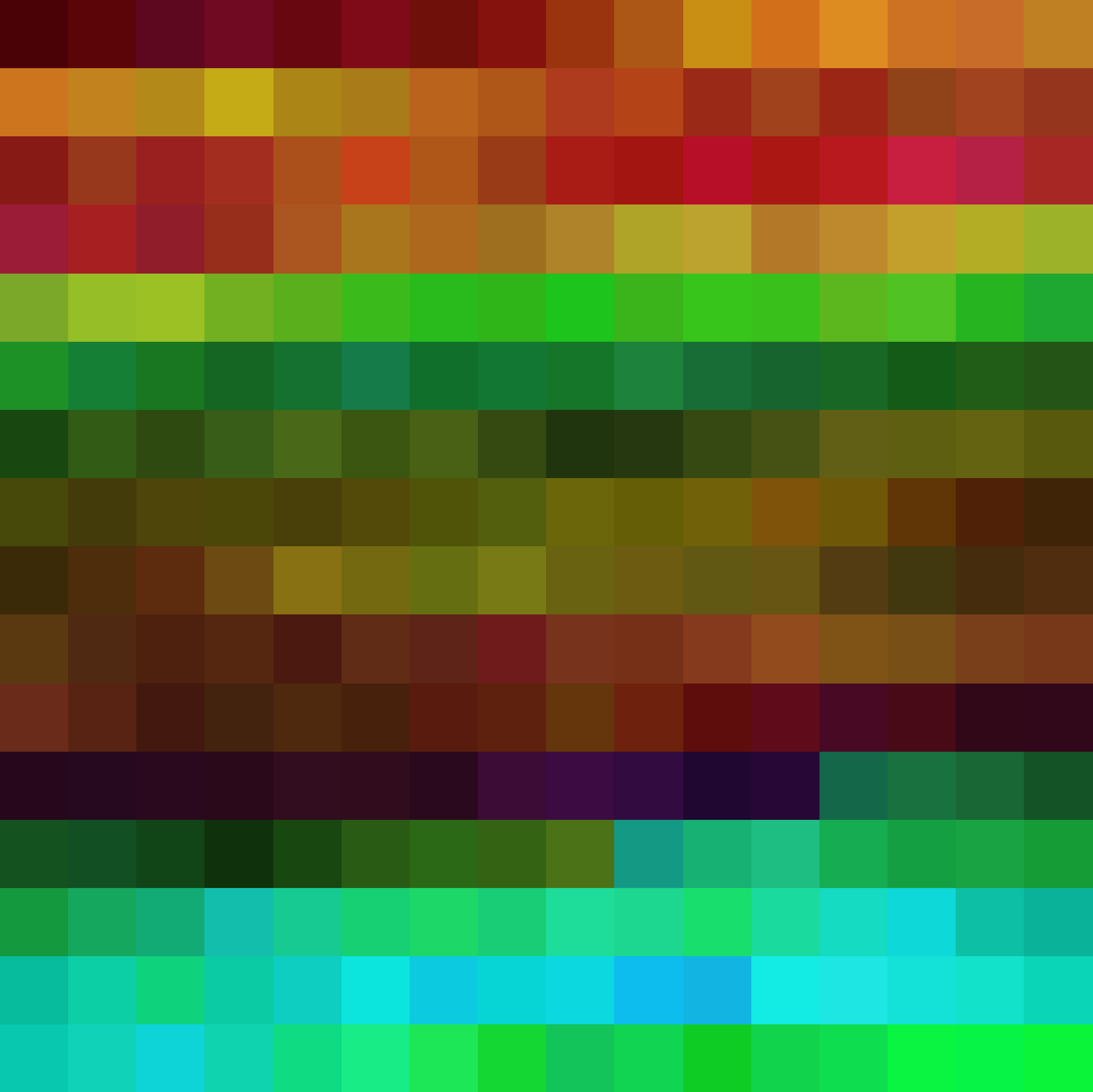
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some orange, some red, some yellow, a bit of cyan, a little bit of rose, a tiny bit of magenta, a tiny bit of lime, and a tiny bit of purple in it.
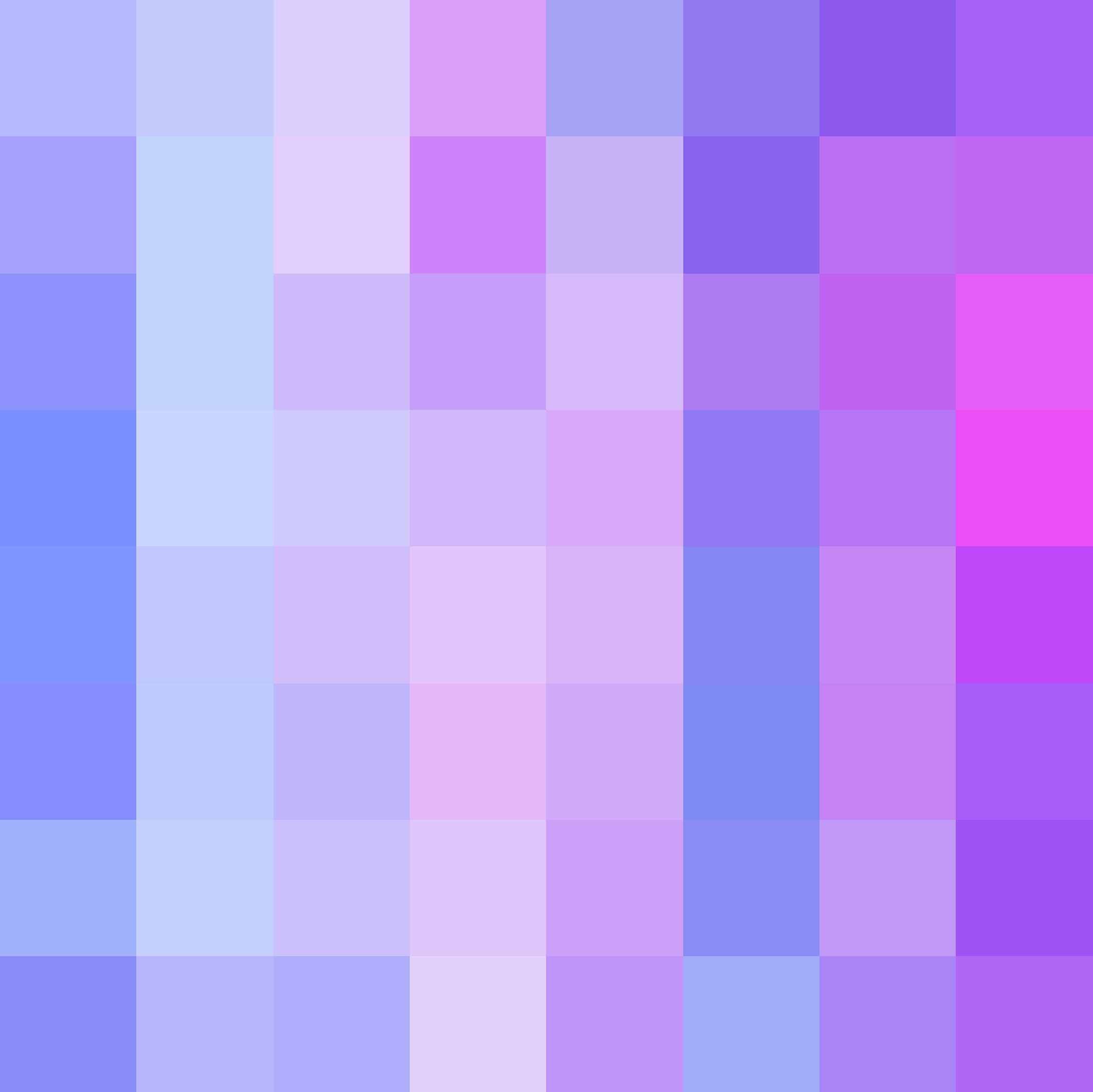
A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has quite some rose, some magenta, some orange, some green, a bit of yellow, and a little bit of lime in it.
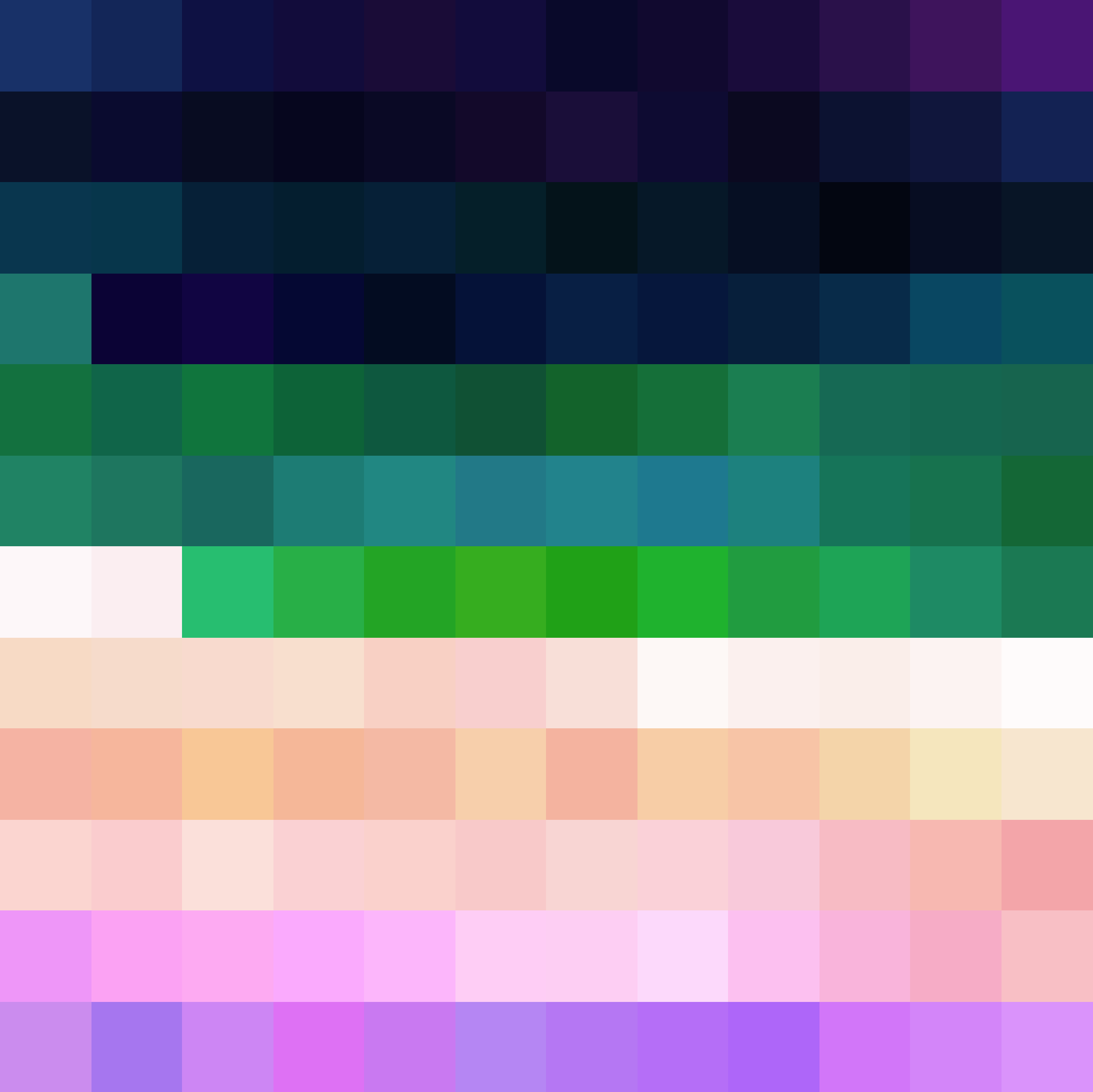
There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly blue, but it also has some green, some red, a bit of orange, a bit of indigo, a bit of cyan, a bit of purple, a bit of magenta, a little bit of violet, and a tiny bit of rose in it.

There's a colourful pixel gradient in this 6 by 6 grid. It is mostly magenta, but it also has some purple, a little bit of violet, a little bit of indigo, and a little bit of blue in it.

There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly red, and it also has quite some orange, some rose, some yellow, a little bit of magenta, and a tiny bit of lime in it.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some indigo, and a bit of green in it.
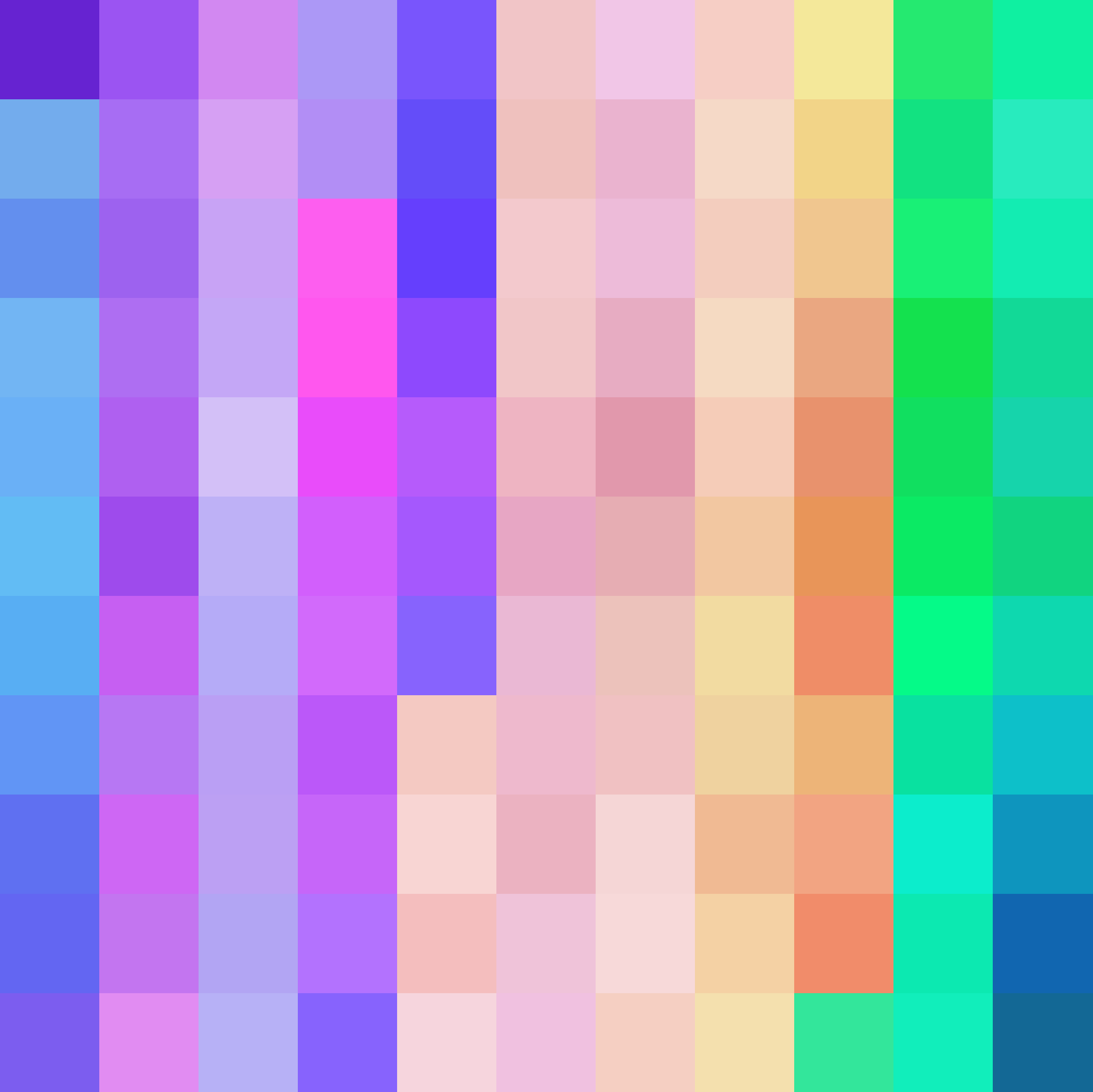
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly red, and it also has some orange, some purple, some indigo, a bit of violet, a bit of blue, a bit of green, a bit of cyan, a tiny bit of magenta, and a tiny bit of yellow in it.
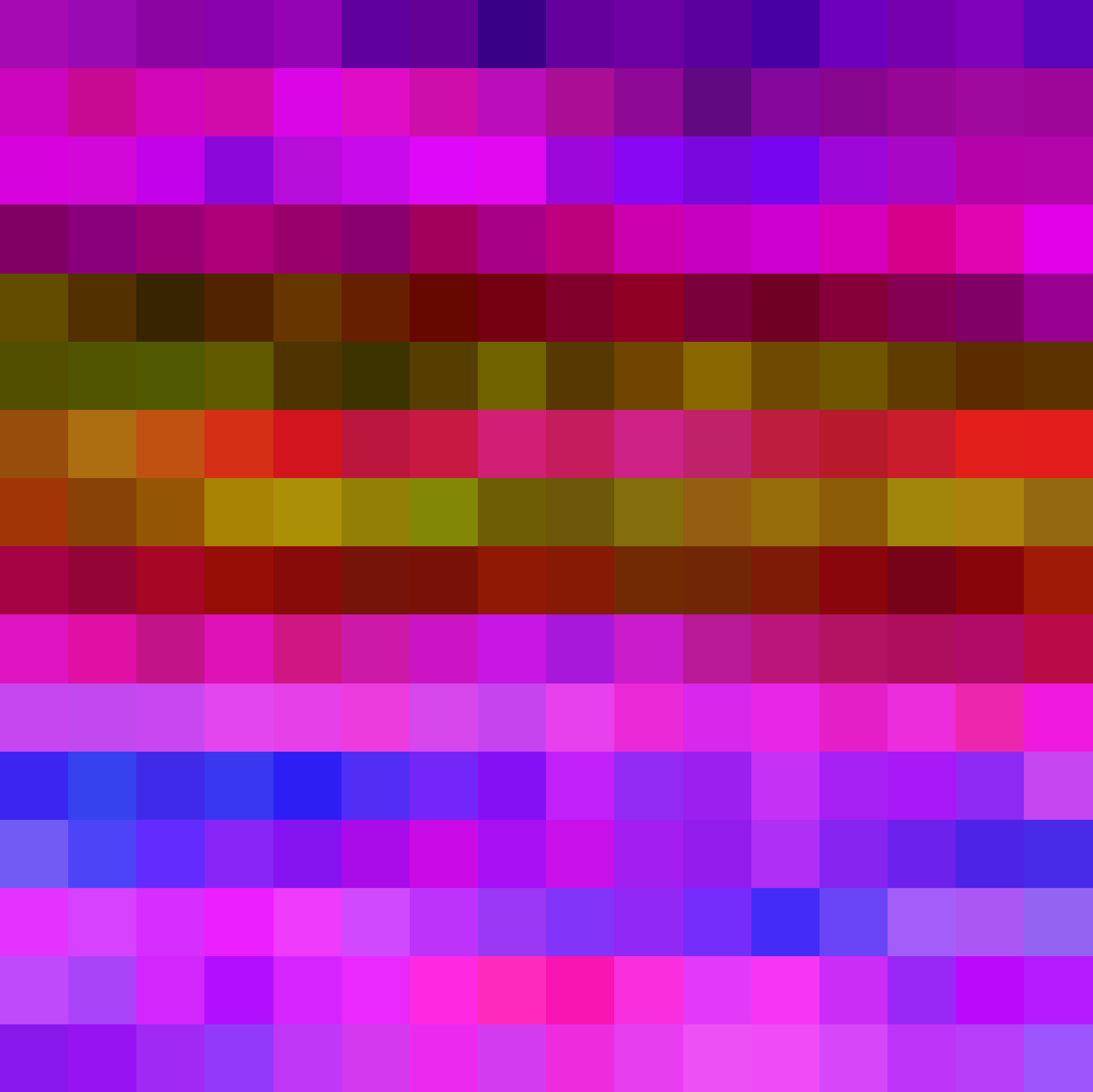
This very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, but it also has some magenta, some orange, a bit of purple, a little bit of yellow, a tiny bit of violet, and a tiny bit of rose in it.
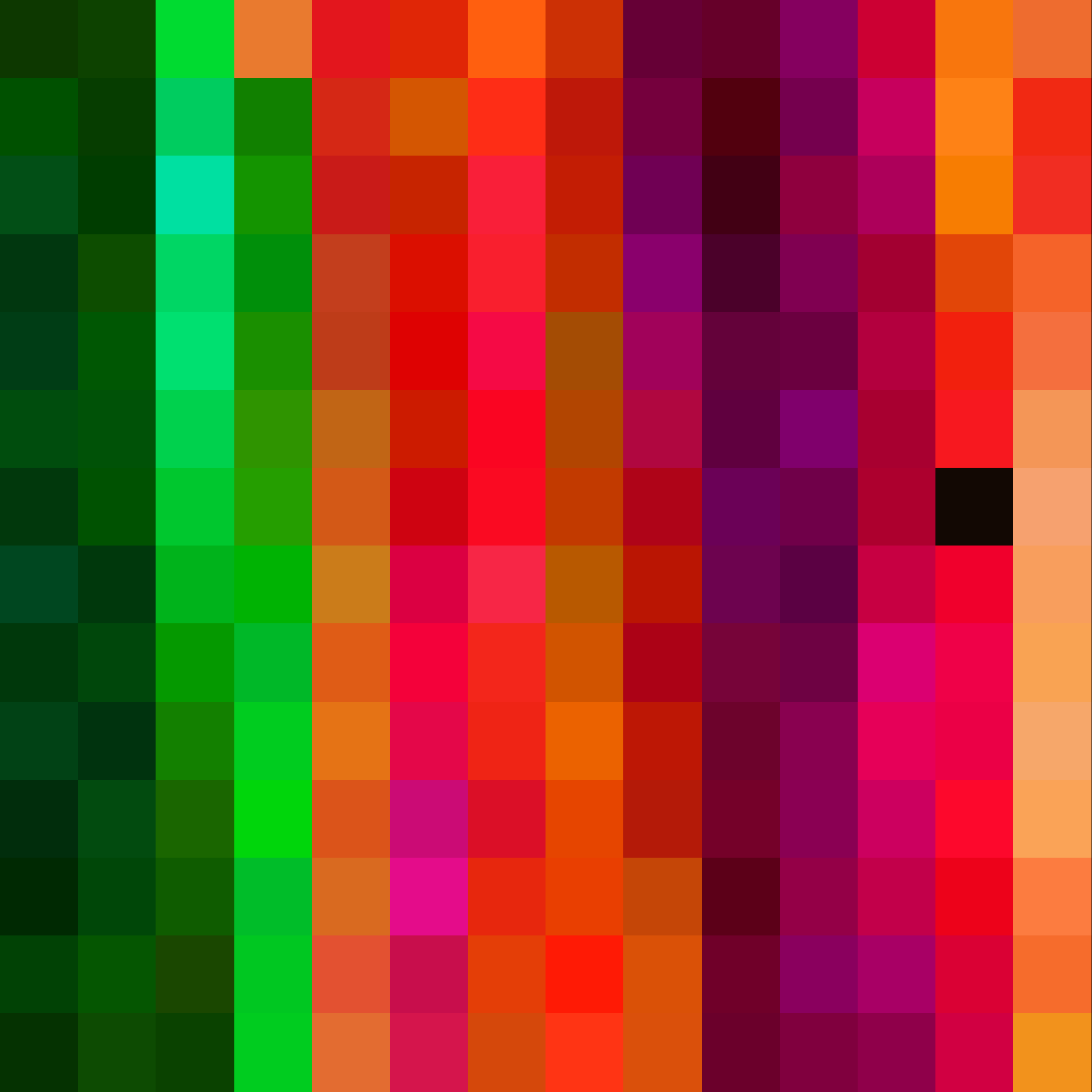
This colourful gradient, generated in this 9 by 9 pixel grid, is mostly orange, and it also has quite some yellow, quite some red, a little bit of lime, and a tiny bit of green in it.

This gradient, generated in this 14 by 14 pixel grid, is mostly red, but it also has quite some green, and quite some orange in it.

Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has quite some green, some cyan, a bit of indigo, a little bit of purple, and a little bit of violet in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, and it also has quite some blue, some yellow, a bit of lime, a bit of indigo, a little bit of cyan, a tiny bit of orange, a tiny bit of violet, and a tiny bit of purple in it.
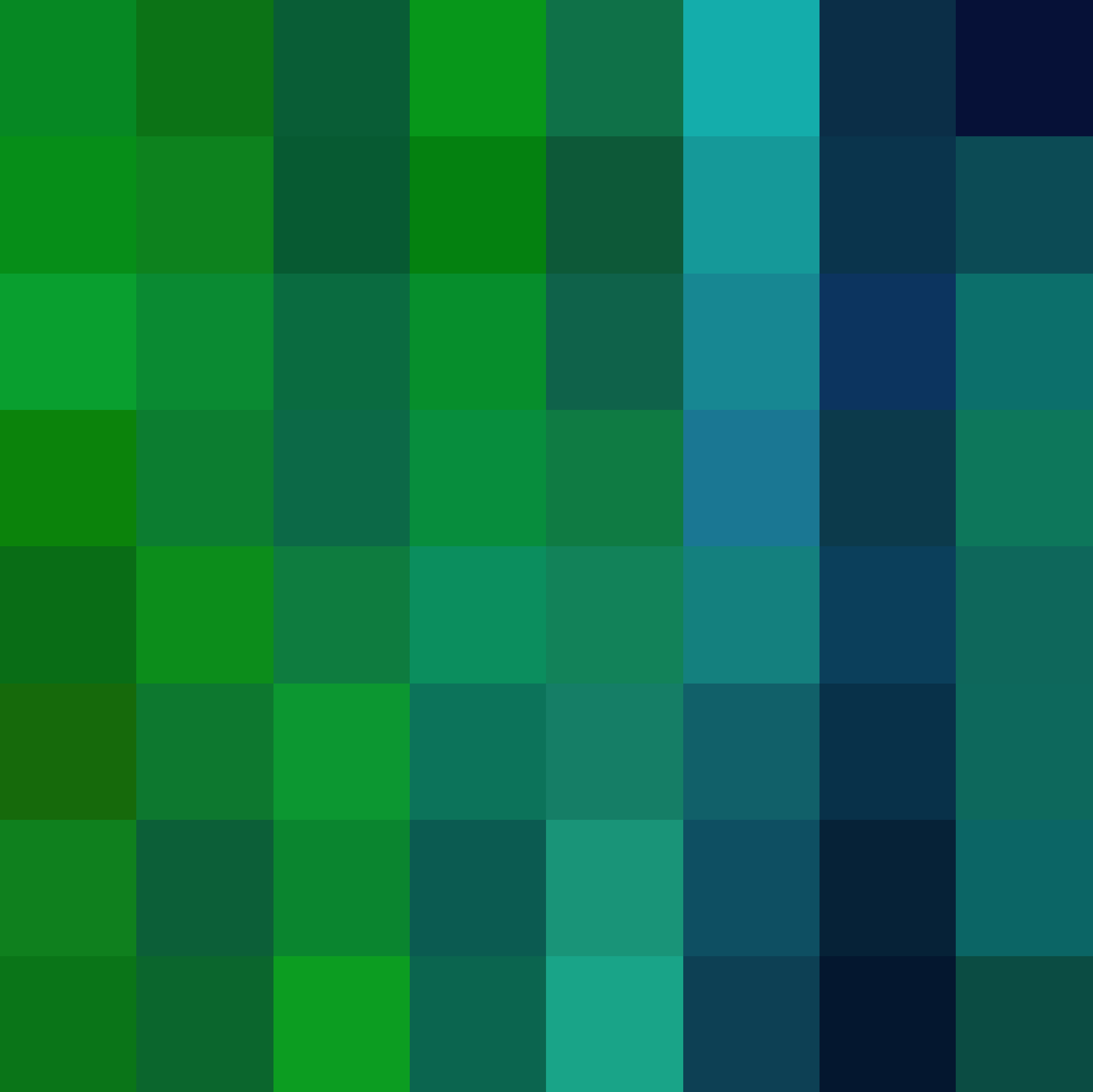
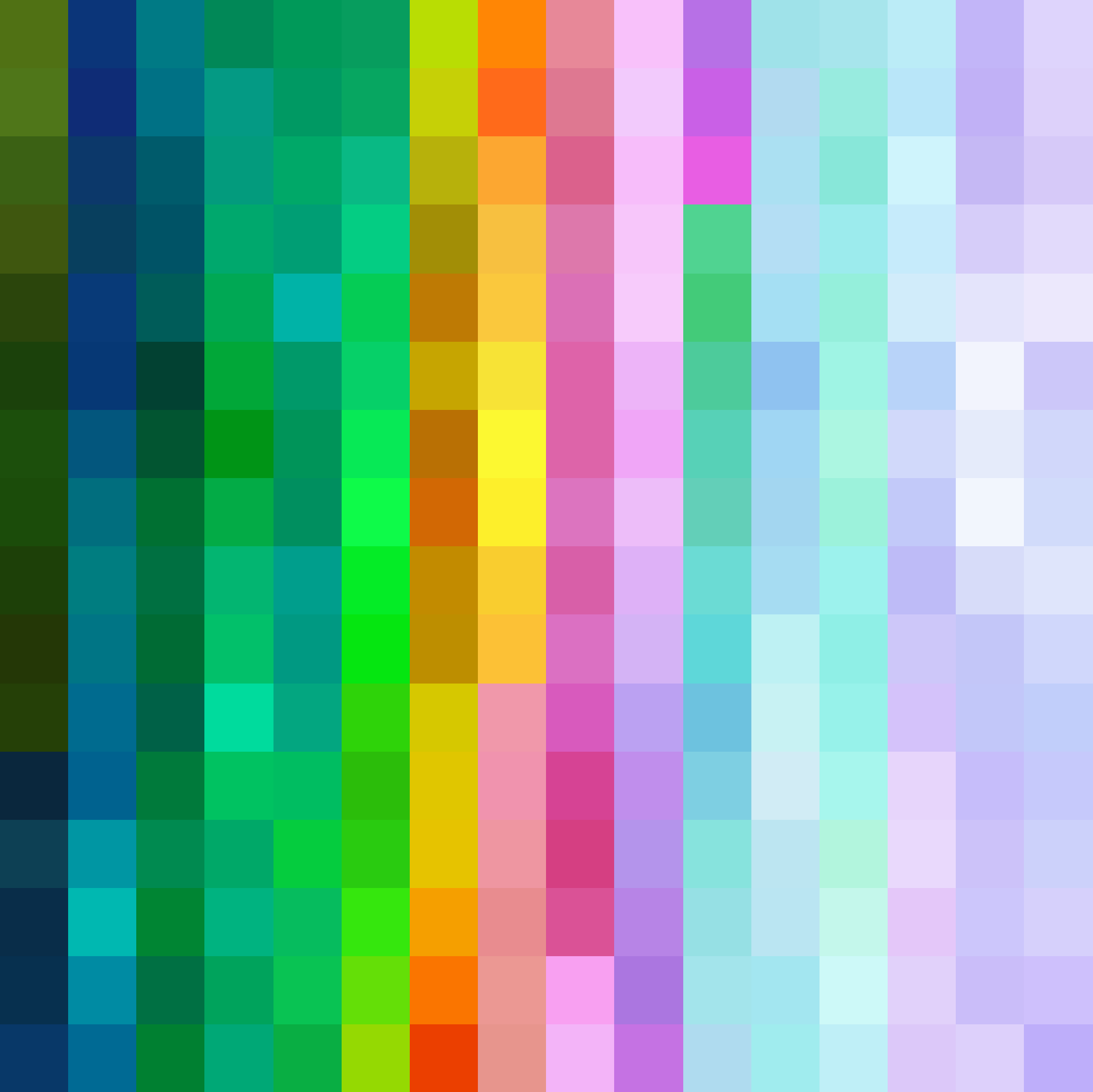The gradient in this 8 by 8 pixel grid is mostly green, but it also has quite some cyan, and some blue in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, and it also has quite some magenta, some orange, a bit of green, a bit of rose, a bit of cyan, a little bit of purple, a little bit of yellow, a little bit of blue, and a little bit of lime in it.

A very colourful grid of 64 blocks. It's mostly red, and it also has quite some orange, some rose, a little bit of yellow, a little bit of magenta, and a tiny bit of lime in it.
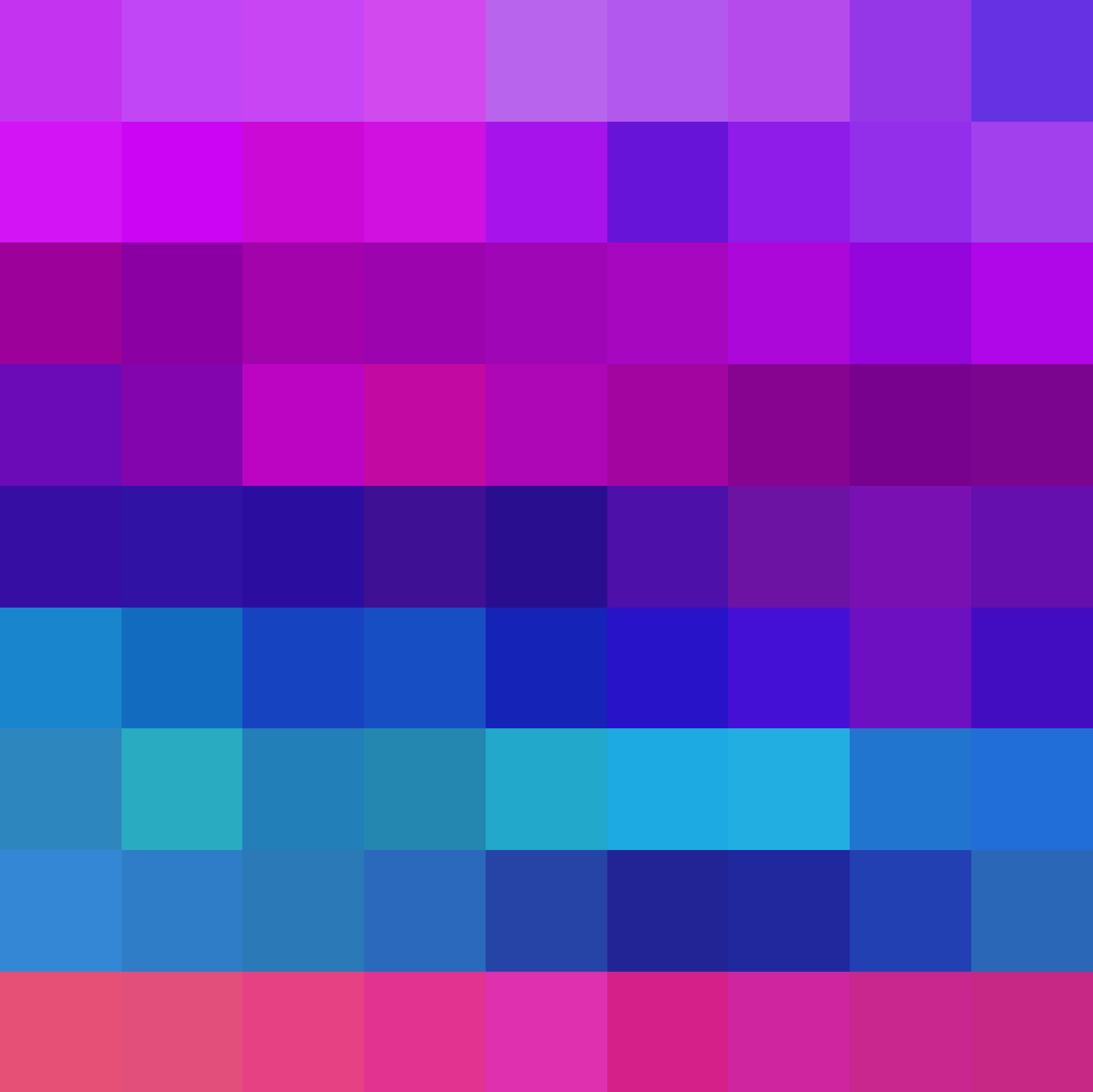
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has quite some cyan, some blue, a bit of indigo, a little bit of magenta, a little bit of orange, a little bit of yellow, a little bit of purple, a little bit of red, a little bit of violet, a tiny bit of rose, 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 red, and it also has quite some orange, some purple, a bit of rose, a little bit of violet, and a little bit of magenta in it.
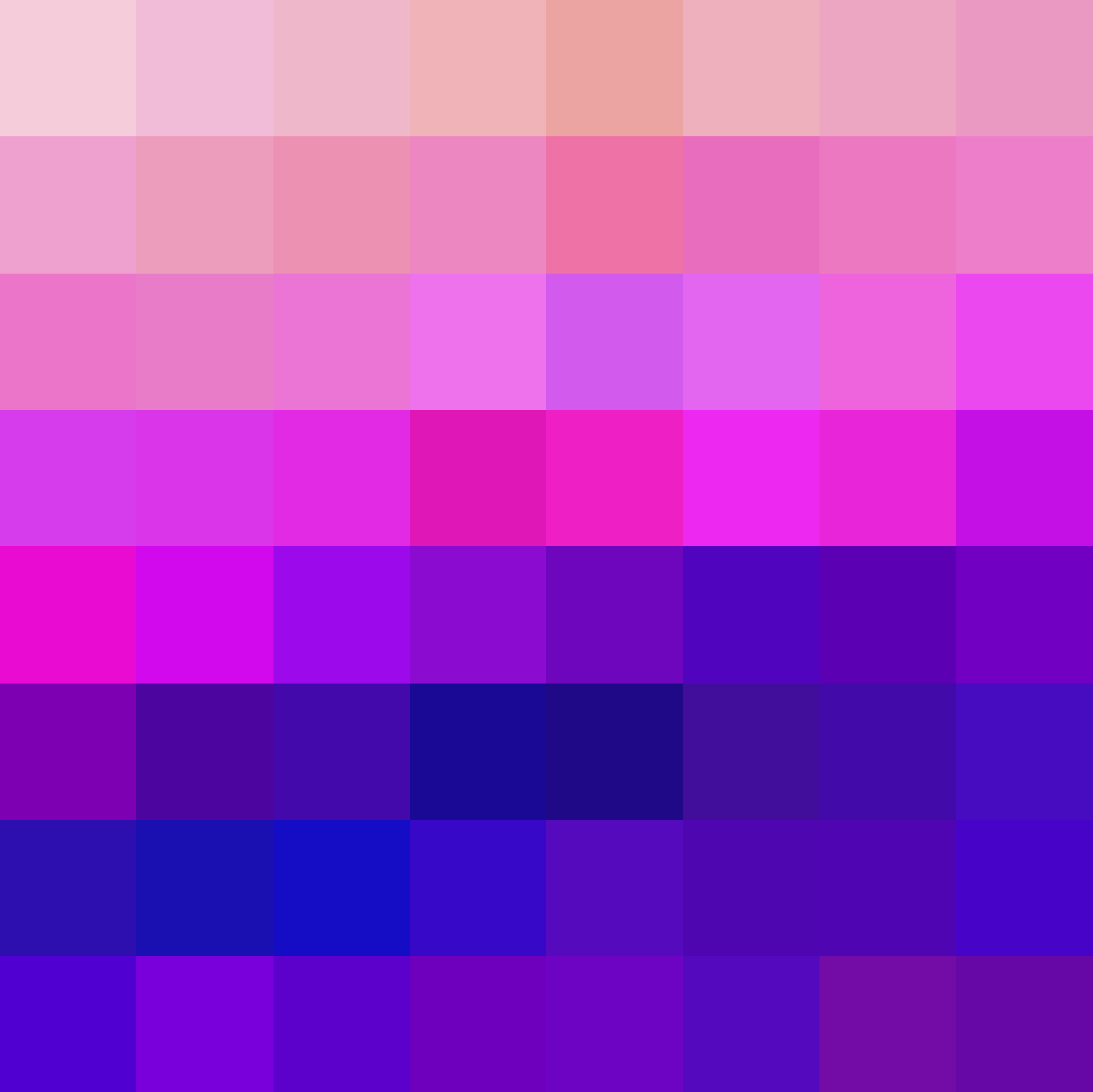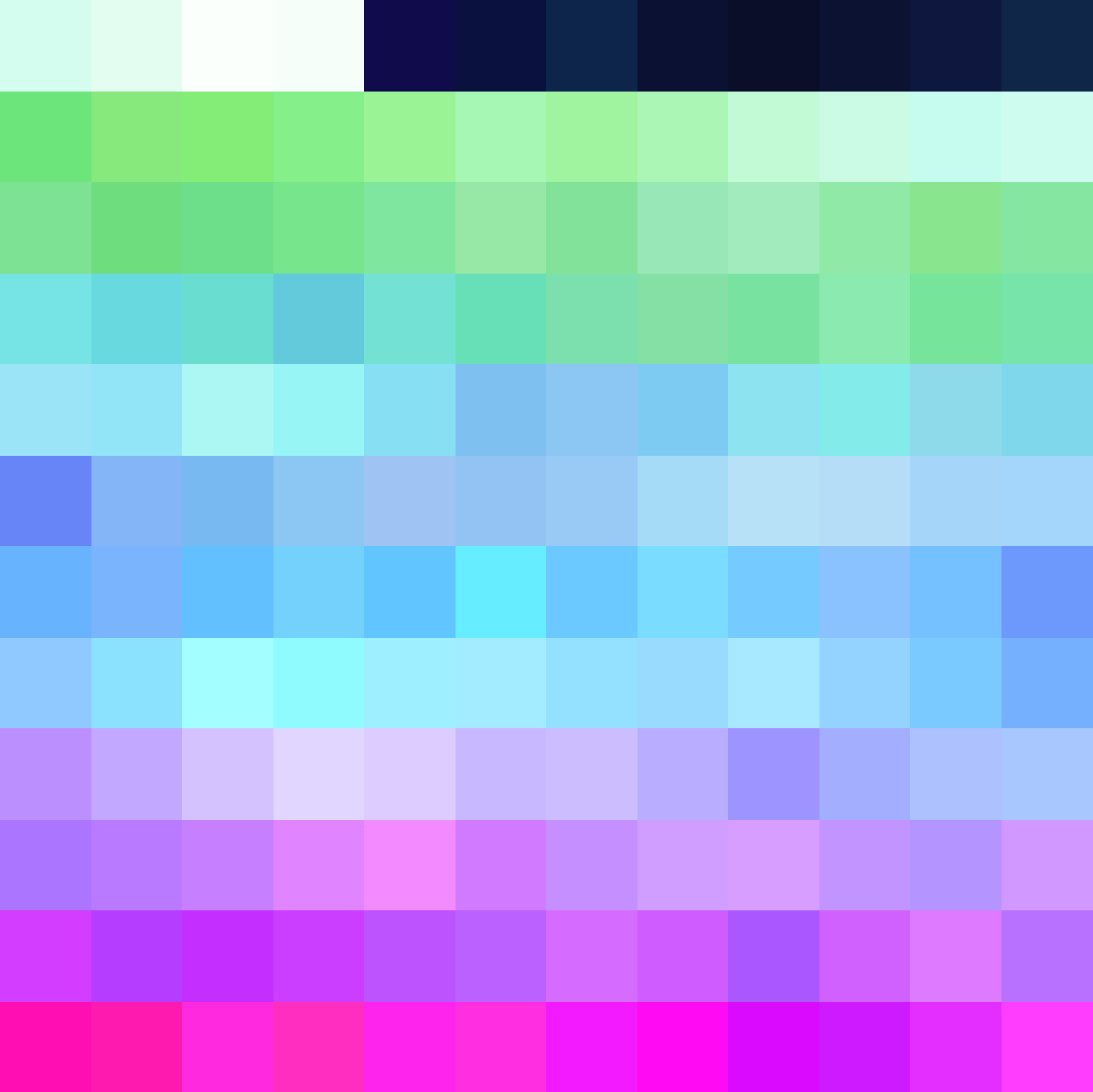
A grid with 64 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some violet, some rose, some indigo, and a little bit of red in it.

This very, very colourful gradient, generated in this 9 by 9 pixel grid, is mostly purple, but it also has quite some blue, quite some magenta, a bit of indigo, a little bit of violet, a little bit of rose, a tiny bit of cyan, and a tiny bit of red in it.

This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly blue, and it also has quite some green, some cyan, some purple, a bit of magenta, a bit of indigo, and a little bit of violet in it.
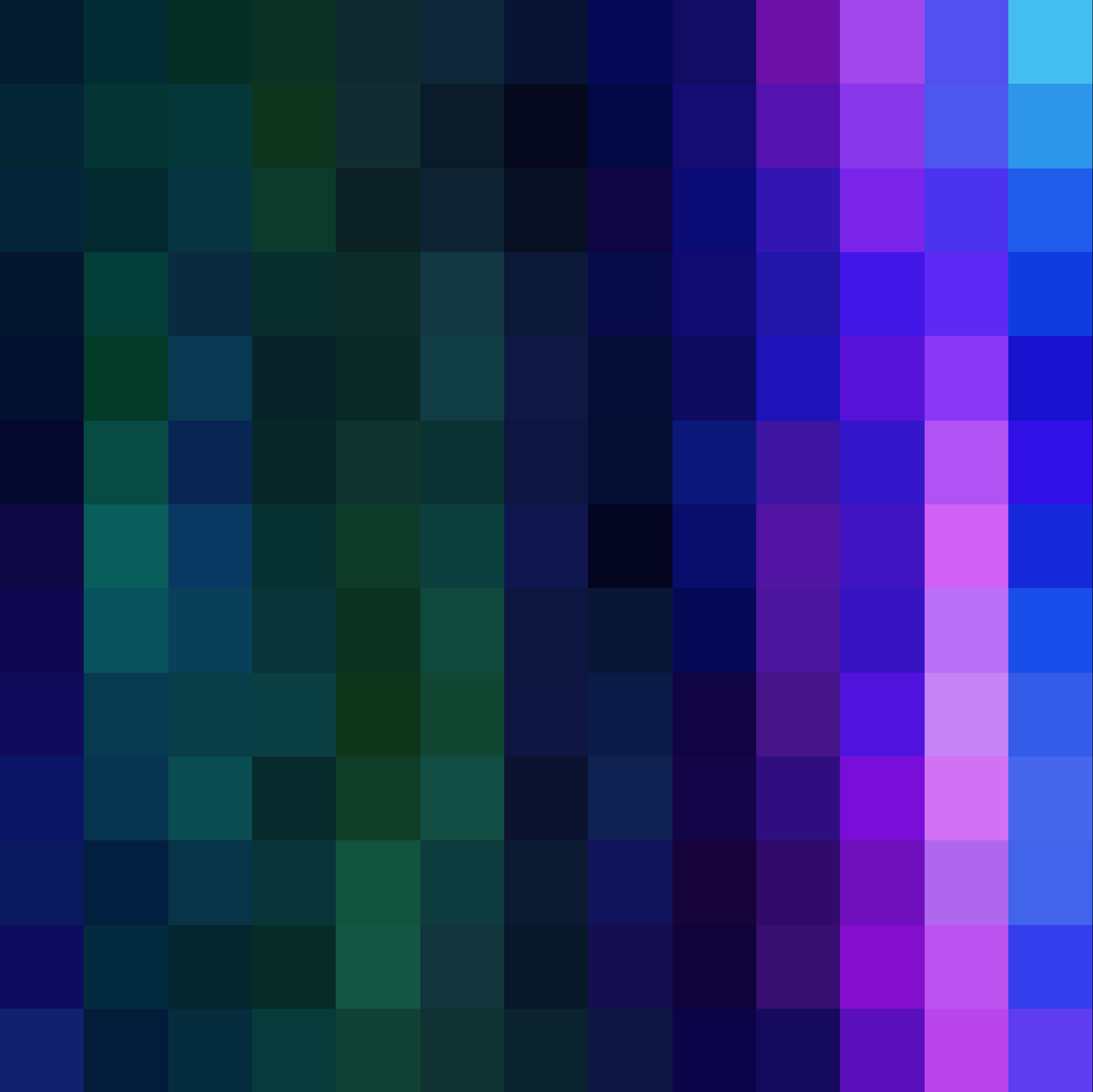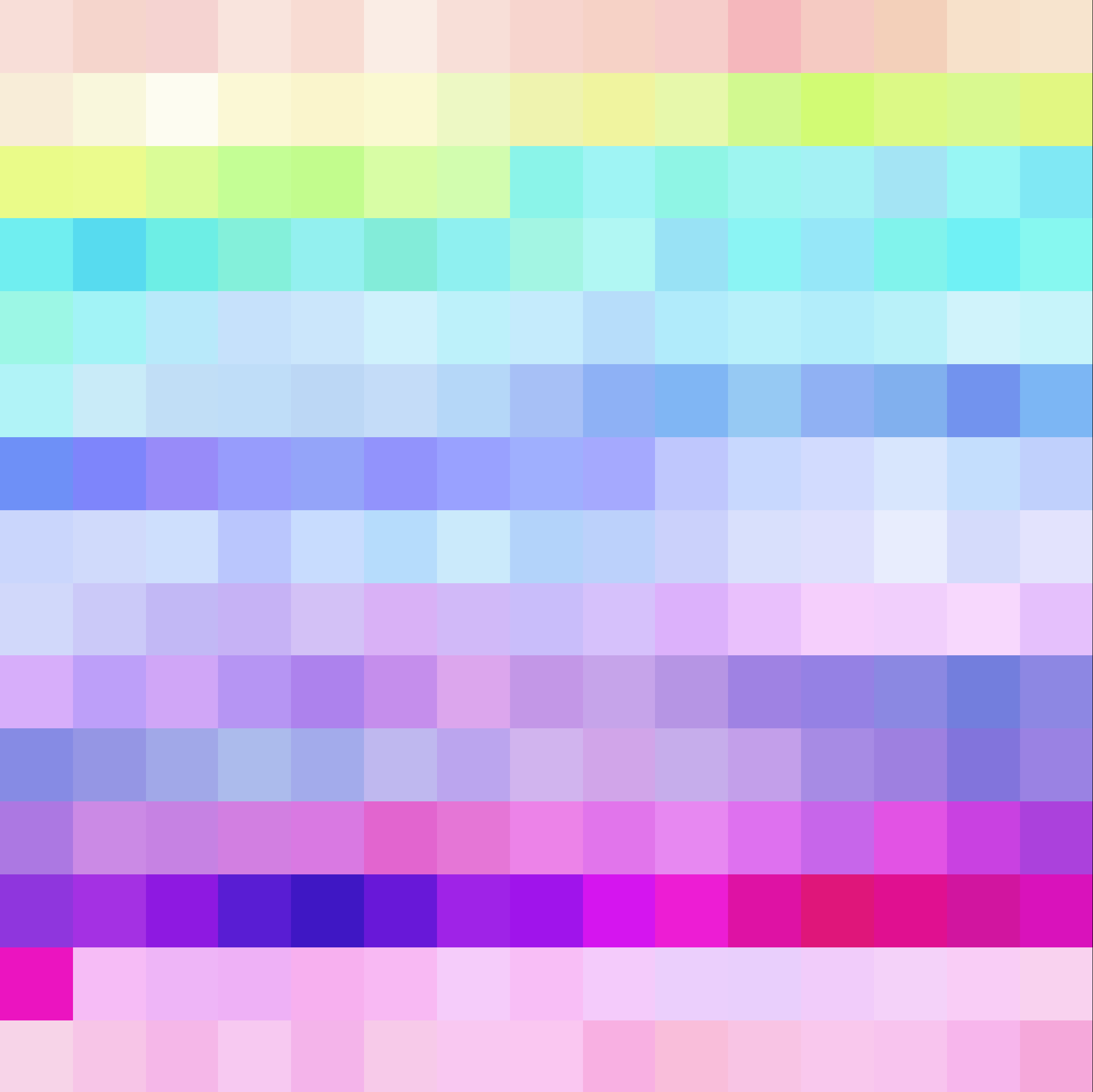
This very colourful gradient, generated in this 13 by 13 pixel grid, is mostly blue, but it also has quite some cyan, some indigo, a bit of purple, a bit of green, and a bit of violet in it.
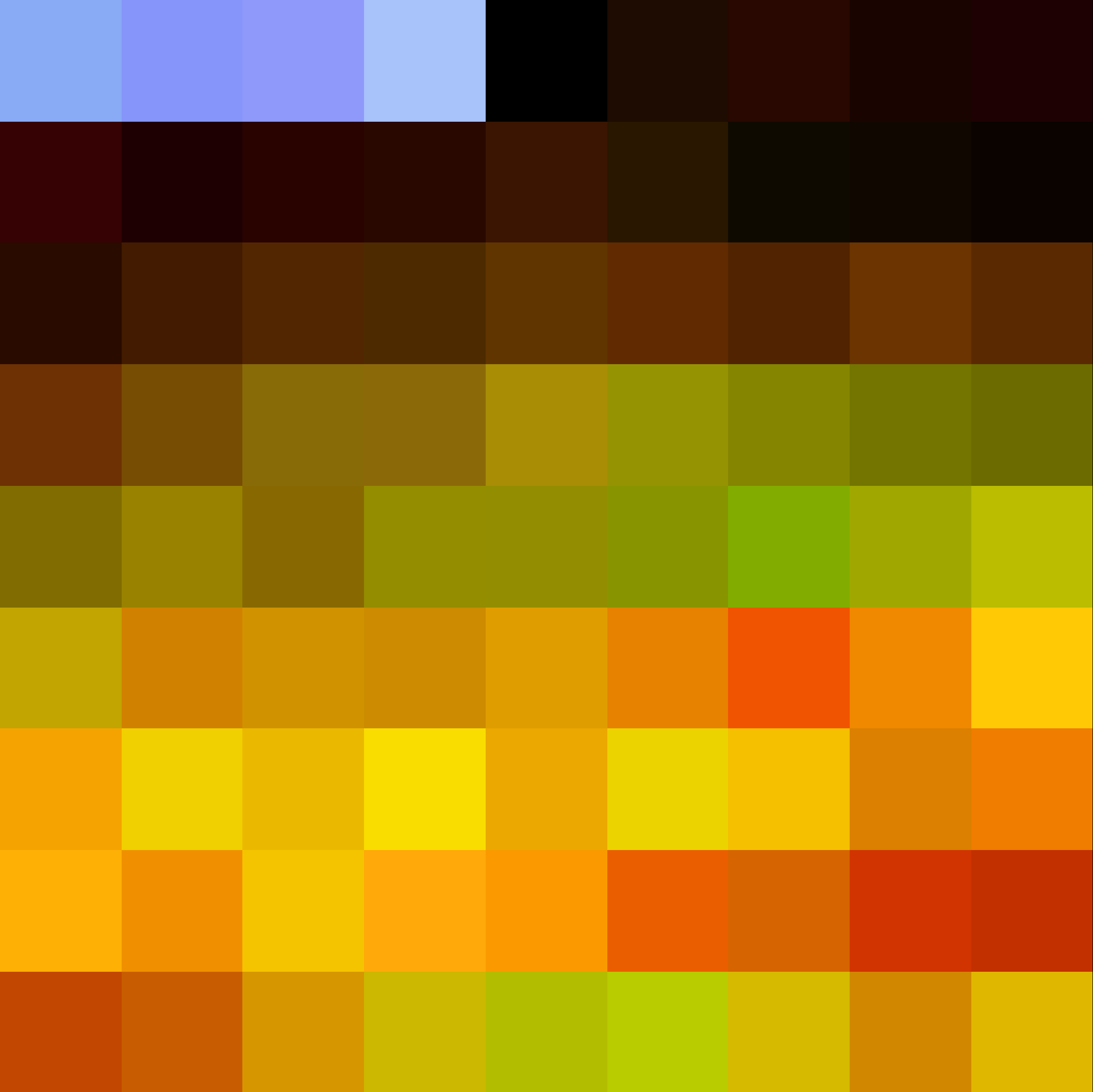
The cells in this 9 by 9 pixel grid form a colourful gradient. It is mostly orange, and it also has quite some yellow, some red, a little bit of blue, and a tiny bit of lime in it.

A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some green, and some blue in it.
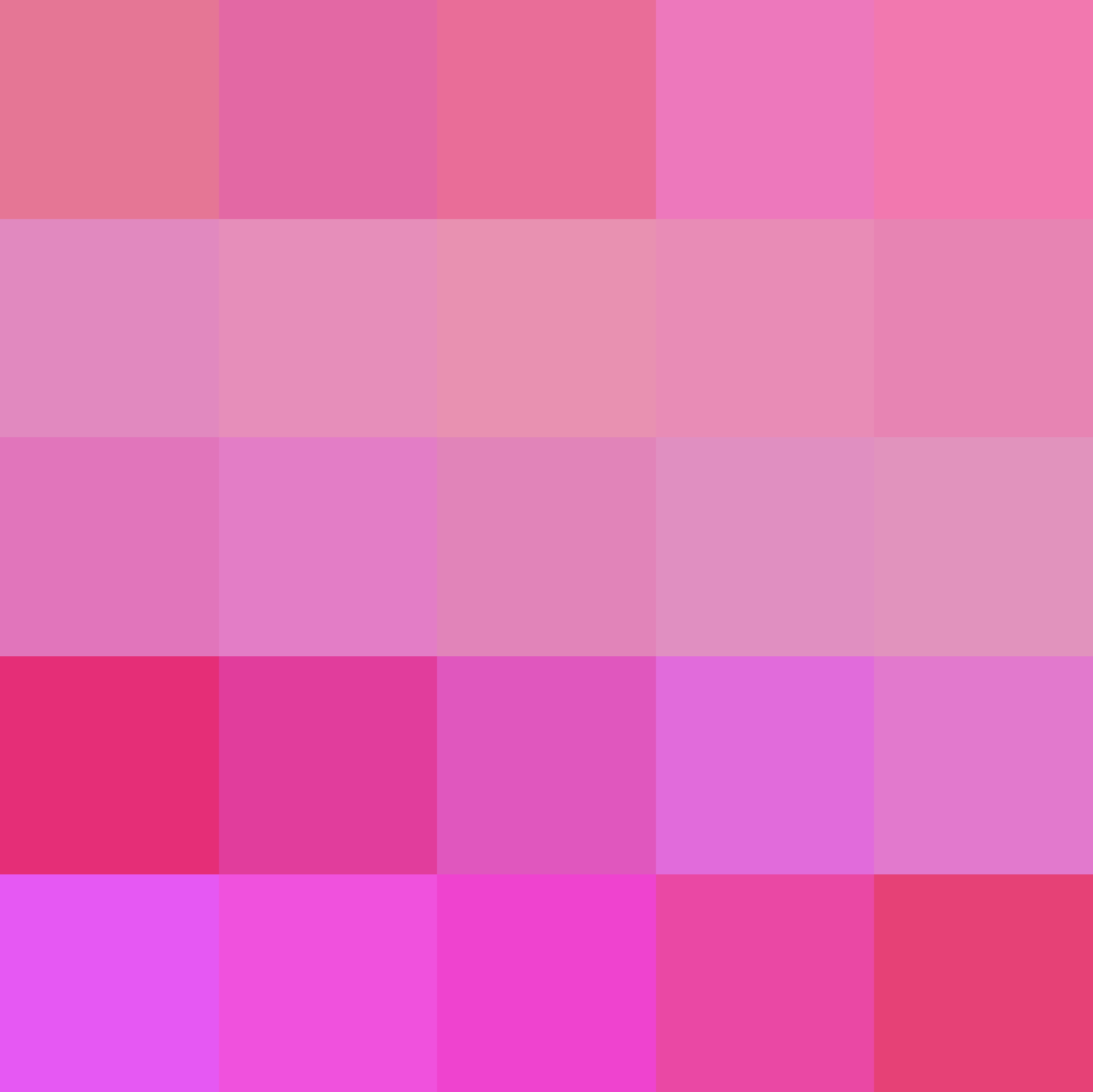
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some magenta, some cyan, some purple, a bit of indigo, a little bit of violet, a little bit of red, a little bit of yellow, a little bit of orange, a little bit of lime, a little bit of green, and a tiny bit of rose in it.

This colourful gradient, generated in this 14 by 14 pixel grid, is mostly orange, but it also has quite some red, a bit of yellow, a bit of green, and a tiny bit of lime in it.

An 8 by 8 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, a bit of green, a bit of magenta, a bit of rose, a little bit of lime, a little bit of red, and a tiny bit of purple in it.

A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly magenta, but it also has a lot of rose in it.

A very colourful grid of 81 blocks. It's mostly
yellow, but it also has quite some orange, some
green, some lime, a bit of red, and a little bit of
rose in it.
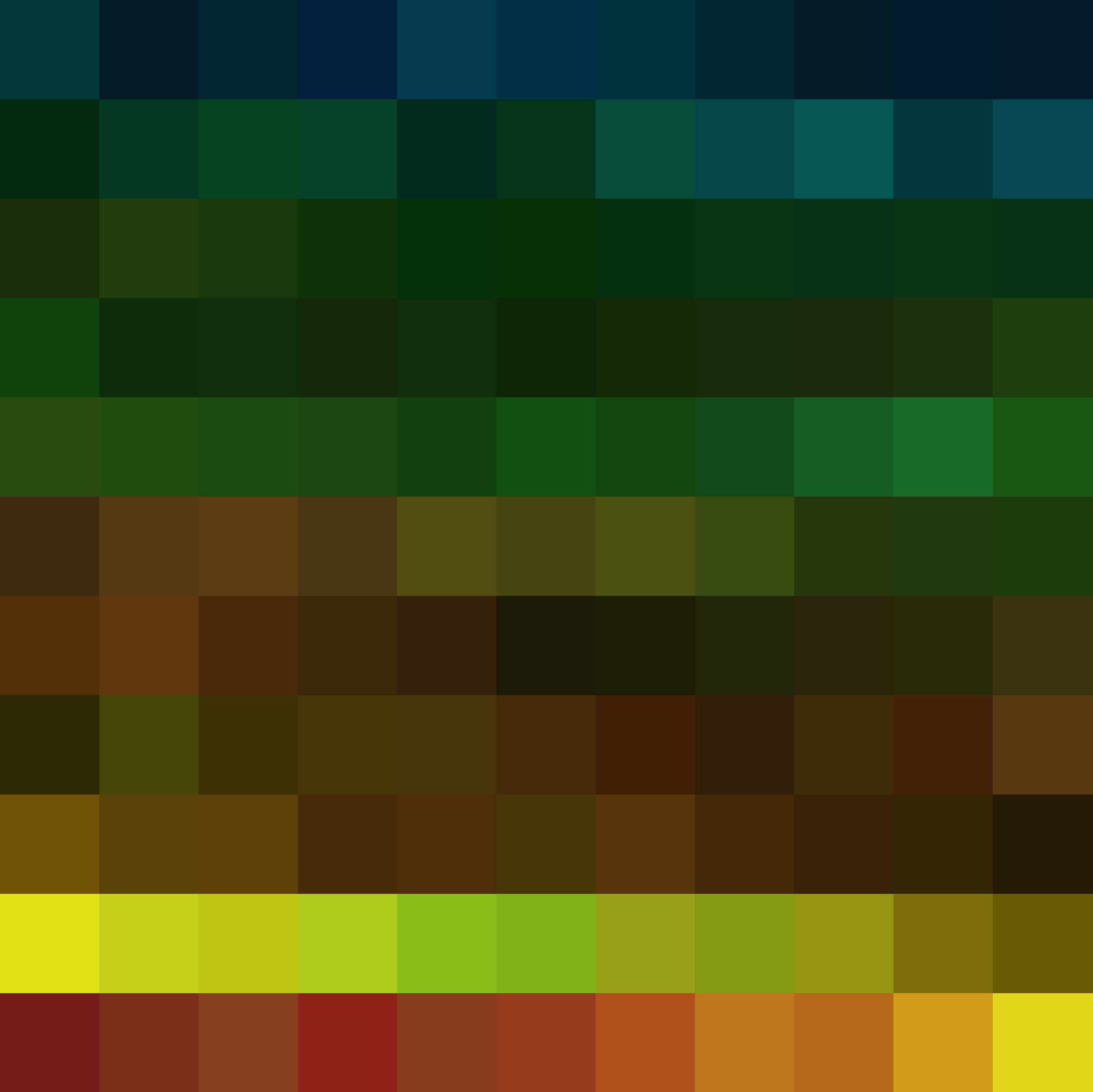
A very colourful grid of 121 blocks. It's mostly green, and it also has quite some orange, some yellow, a bit of blue, a little bit of cyan, a little bit of red, and a tiny bit of lime in it.
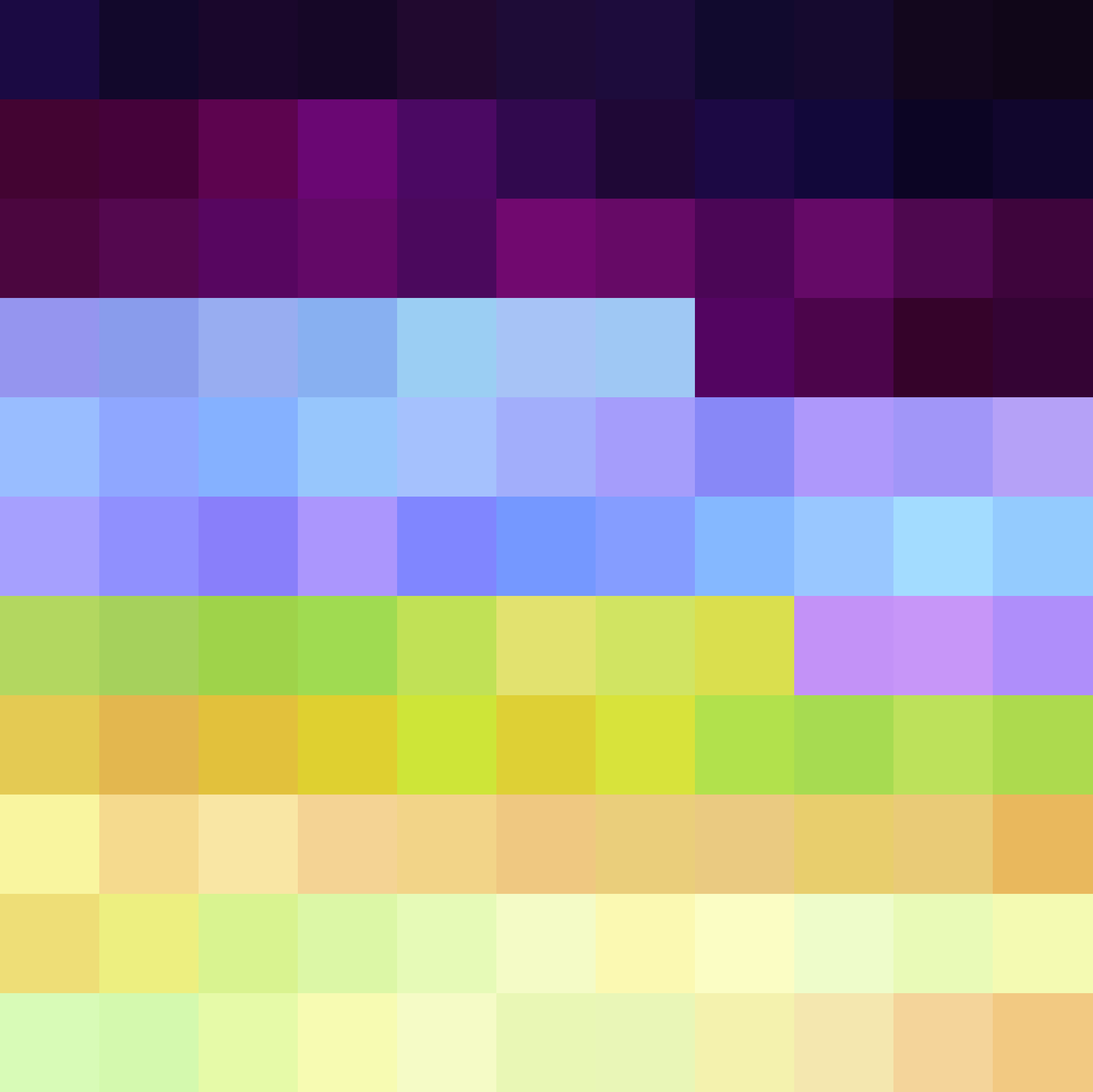
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly blue, and it also has some yellow, some magenta, some indigo, a bit of lime, a bit of orange, a bit of violet, a little bit of purple, and a little bit of green in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has some yellow, a bit of cyan, a bit of orange, a bit of magenta, a little bit of lime, a little bit of blue, a little bit of rose, a little bit of red, a tiny bit of purple, and a tiny bit of violet in it.
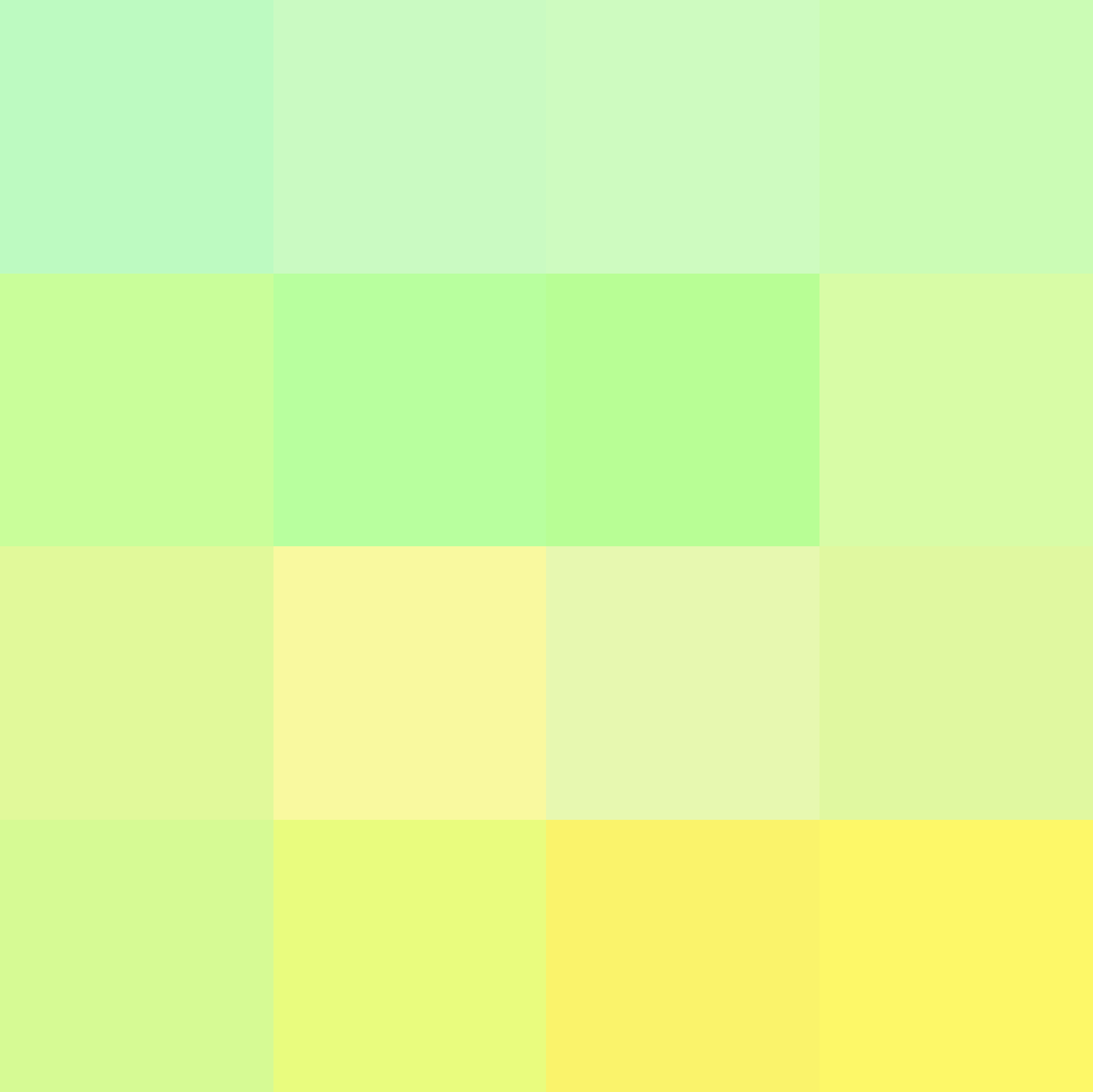
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly green, but it also has quite some yellow, and some lime in it.
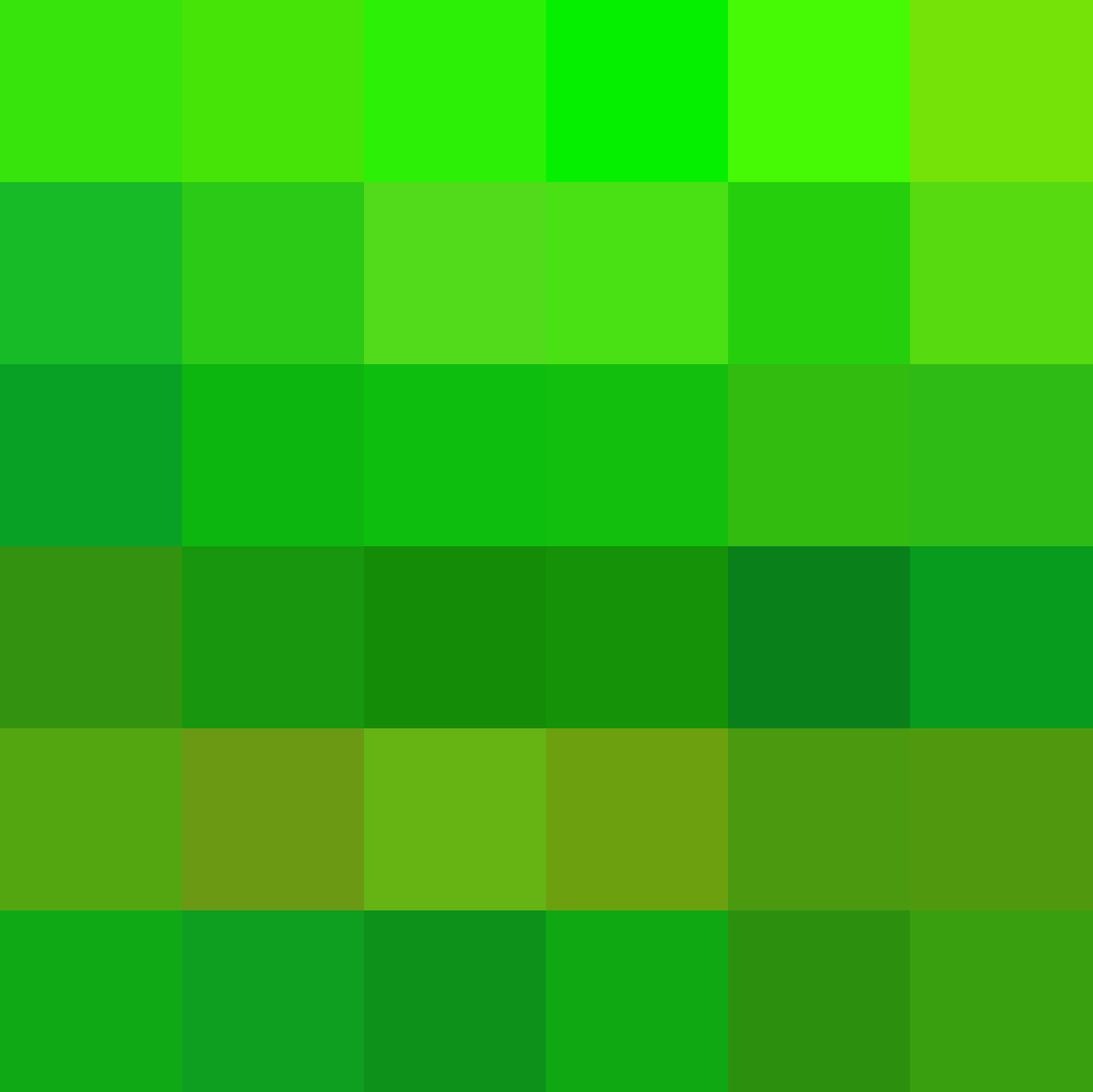
A grid with 81 coloured squares that form a colourful gradient. The colours are various shades of mostly orange, and it also has quite some green, some yellow, a little bit of red, and a little bit of lime in it.

There's a colourful pixel gradient in this 7 by 7 grid. It is mostly red, and it also has quite some yellow, some orange, a bit of green, and a tiny bit of lime in it.

The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly green, but it also has some lime, some yellow, a bit of magenta, and a tiny bit of orange in it.

Here's a 6 by 6 pixelated grid that forms a monochrome gradient. It is green.
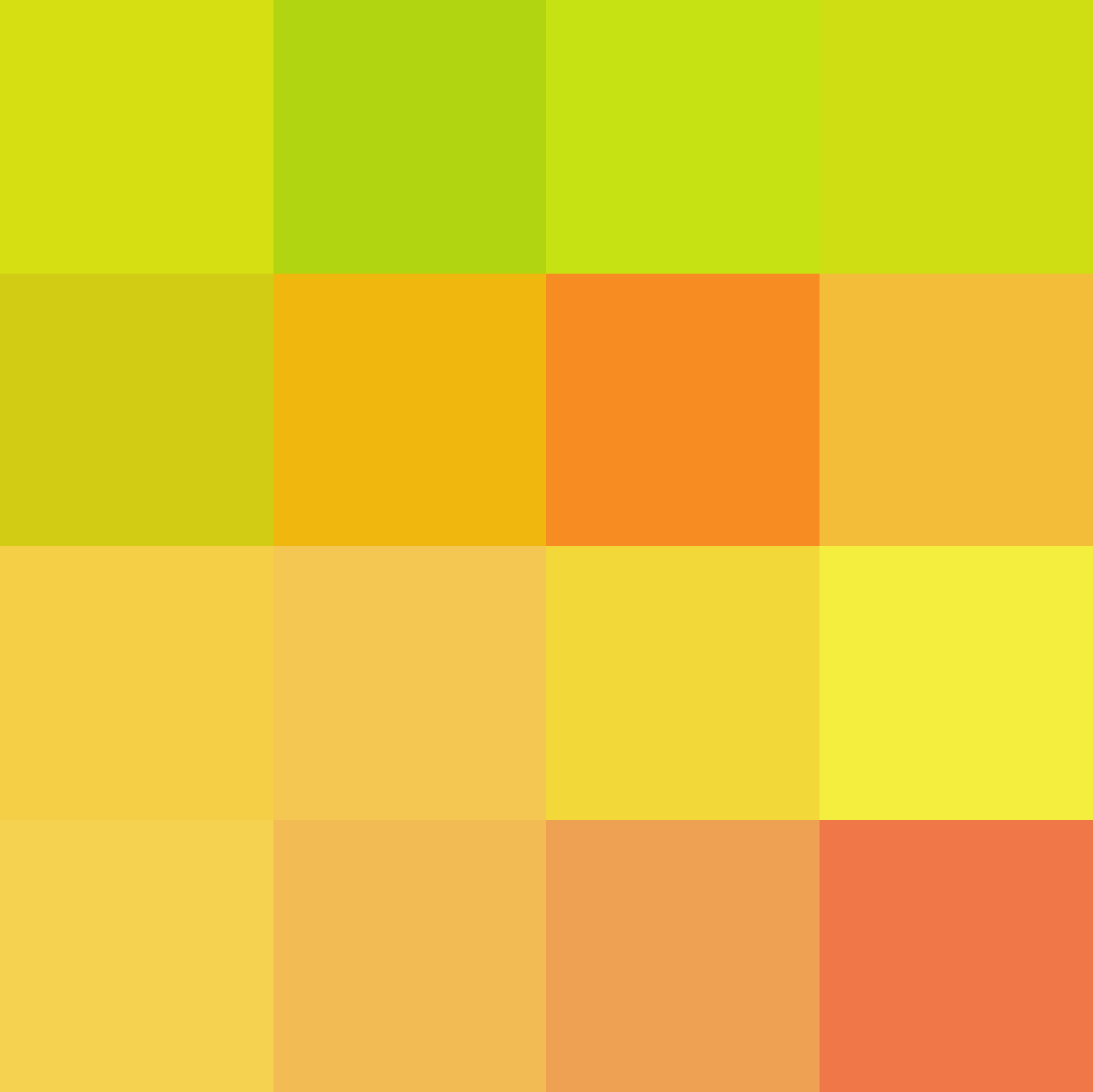
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly yellow, and it also has a lot of orange, and a little bit of lime in it.

Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly blue, and it also has some indigo, and a little bit of cyan in it.
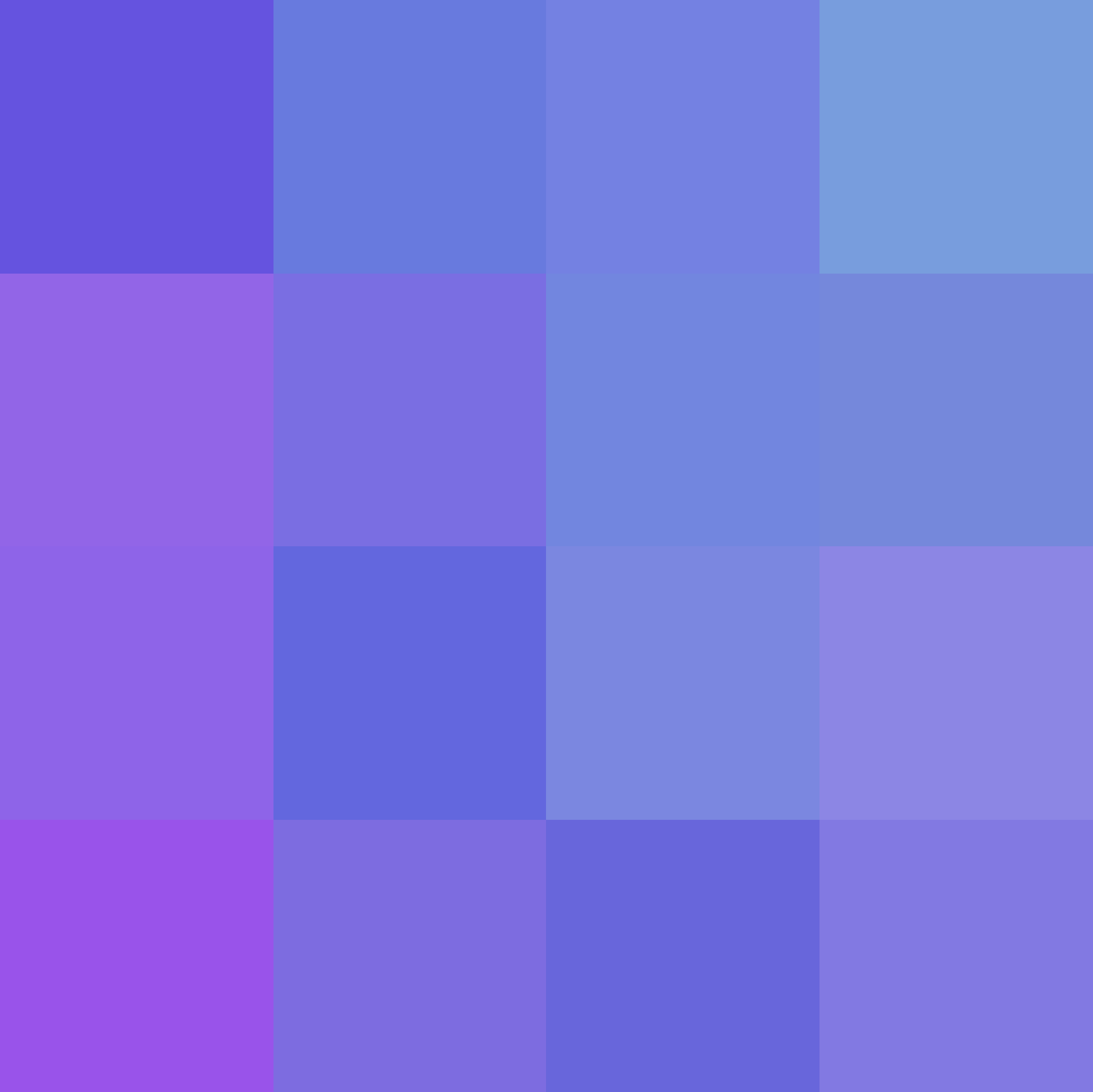
A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has quite some green, some blue, some cyan, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of rose in it.
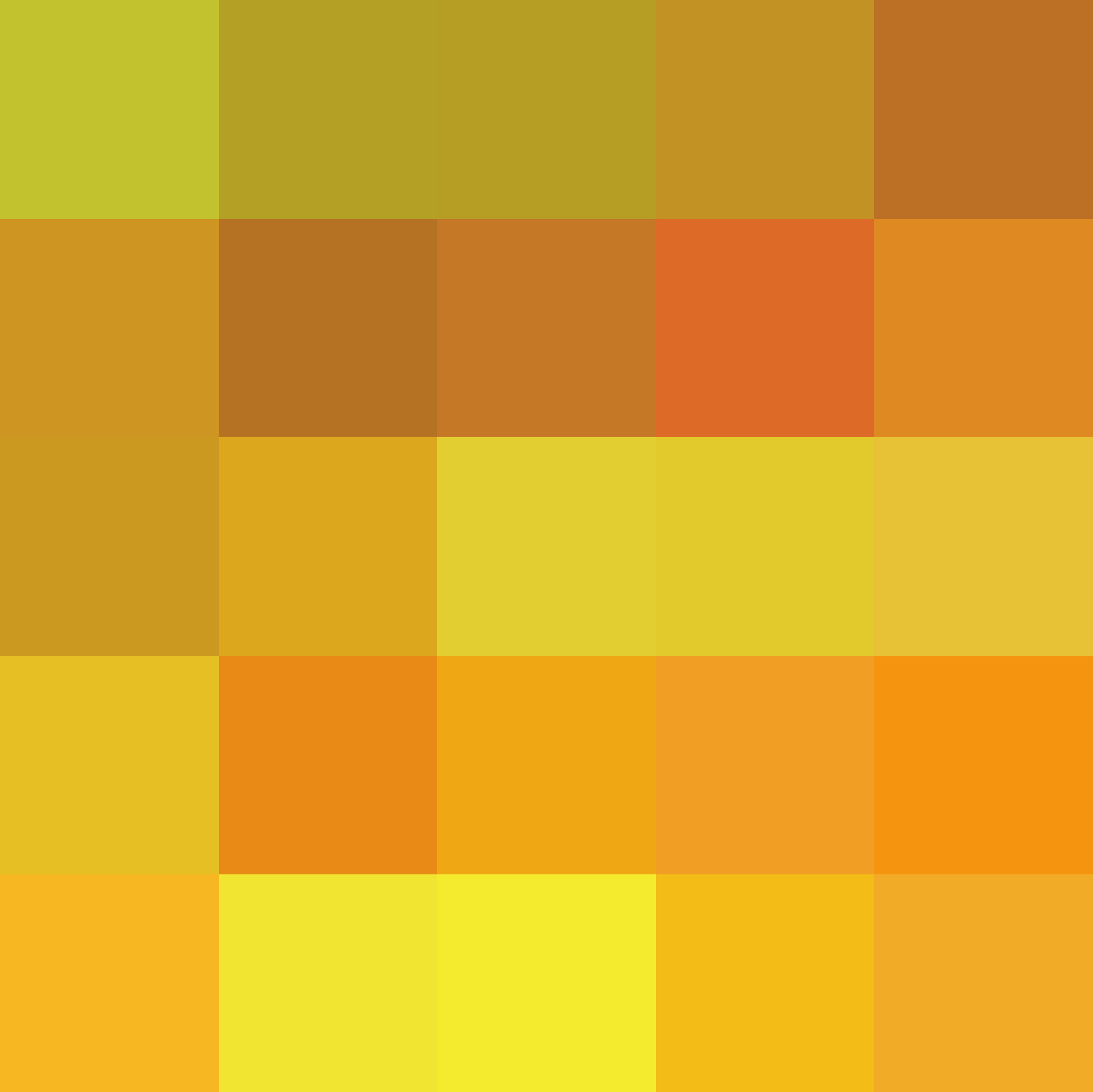
A 5 by 5 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, but it also has quite some orange, some green, some lime, and a bit of red in it.

The gradient in this 6 by 6 pixel grid is mostly green, and it also has quite some blue, a little bit of indigo, and a little bit of lime in it.
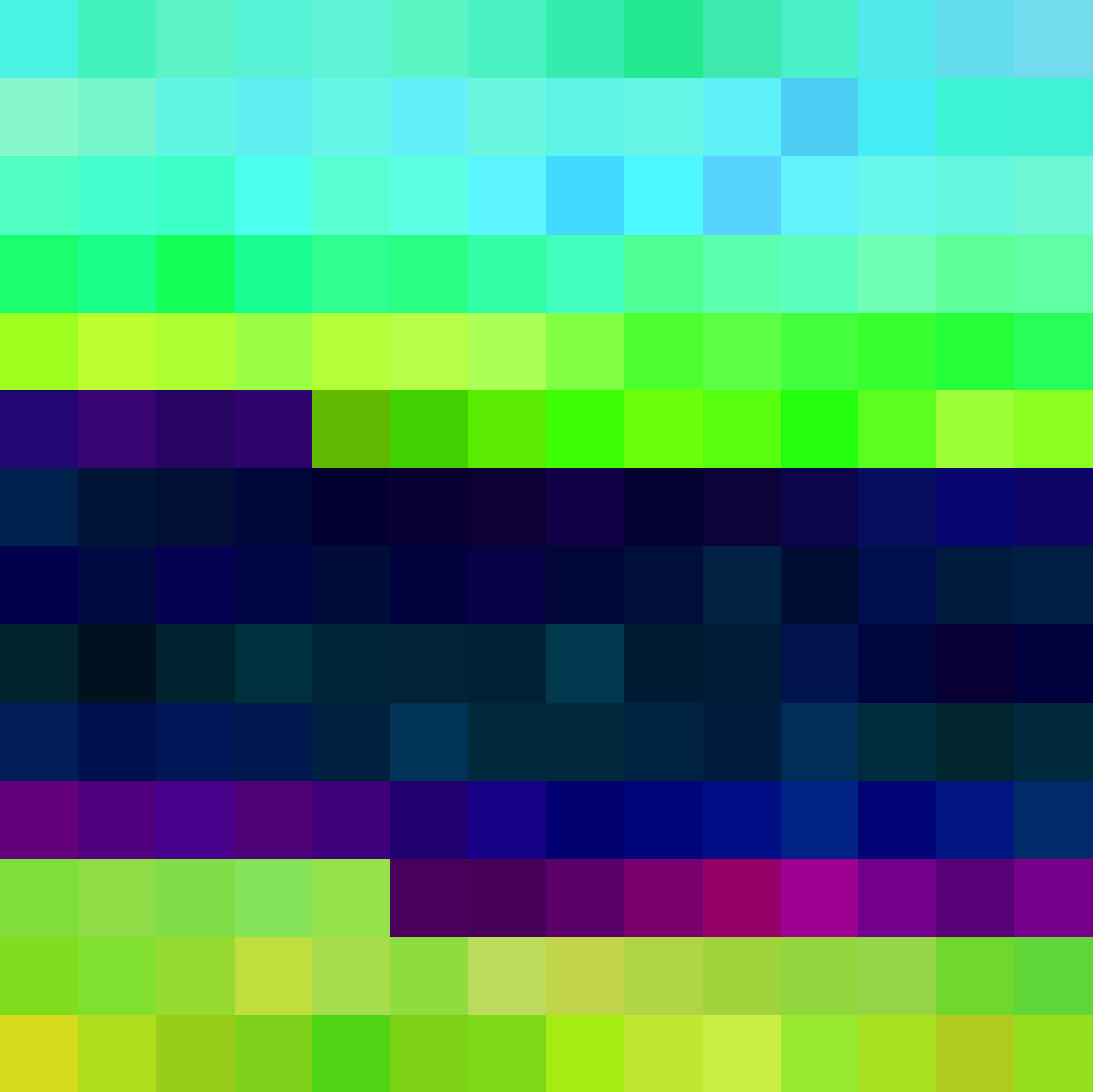
A grid of 16 blocks. It's mostly blue, but it also has a lot of indigo, and some violet in it.

The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly orange, and it also has quite some yellow in it.
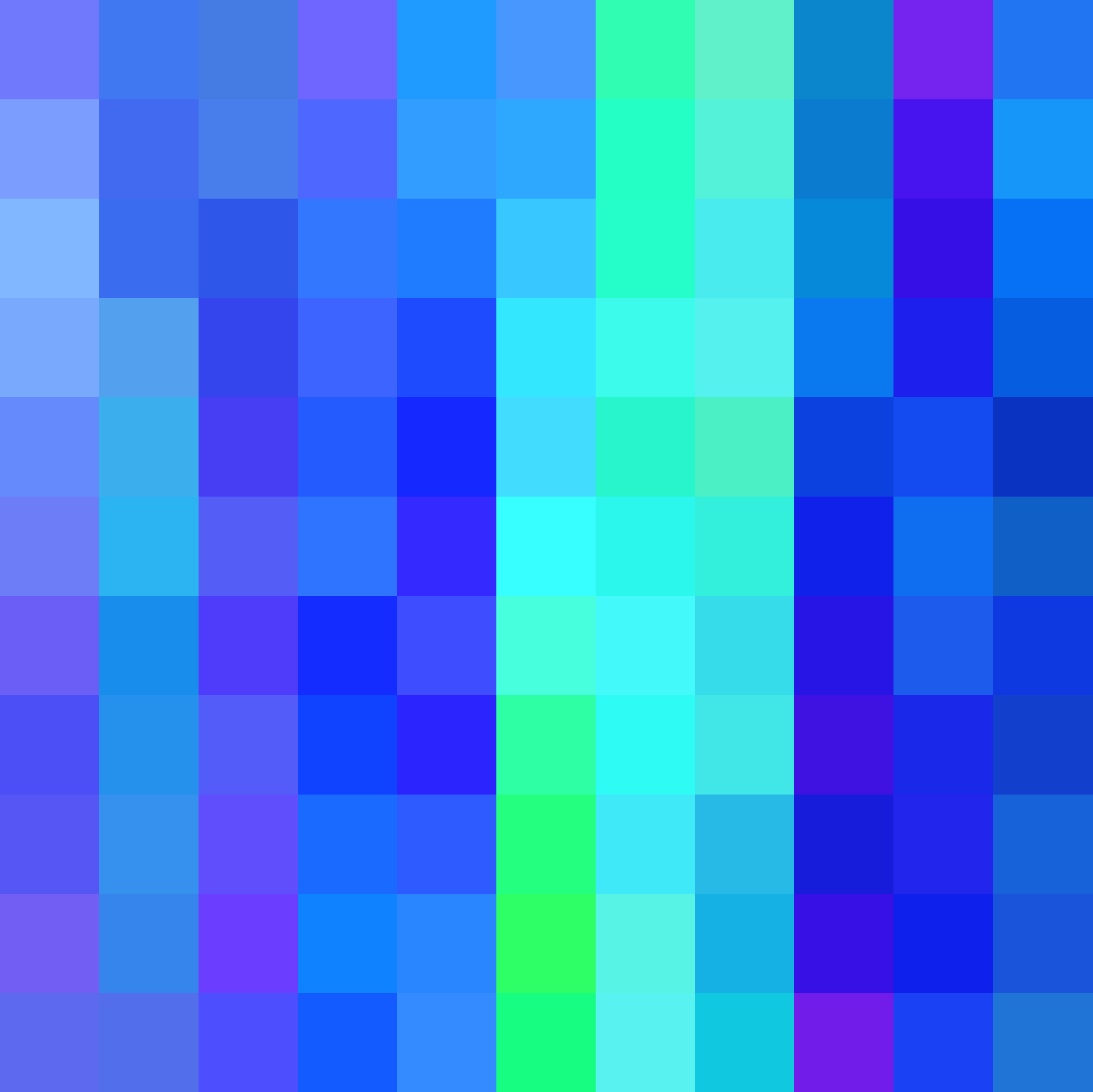
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some yellow, and quite some lime in it.
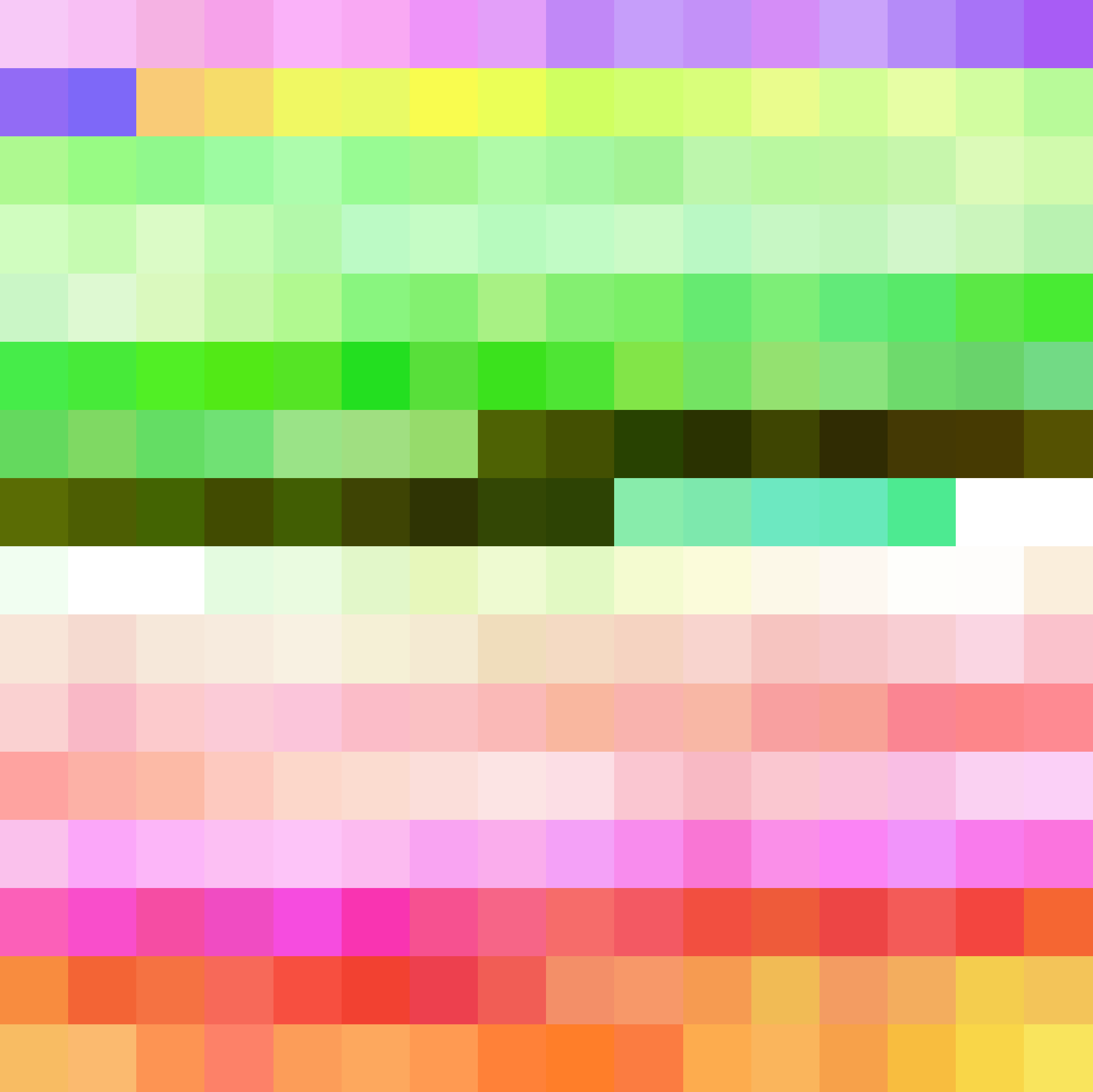
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has quite some blue, some cyan, a bit of indigo, a little bit of lime, a little bit of purple, a tiny bit of violet, a tiny bit of magenta, and a tiny bit of yellow in it.
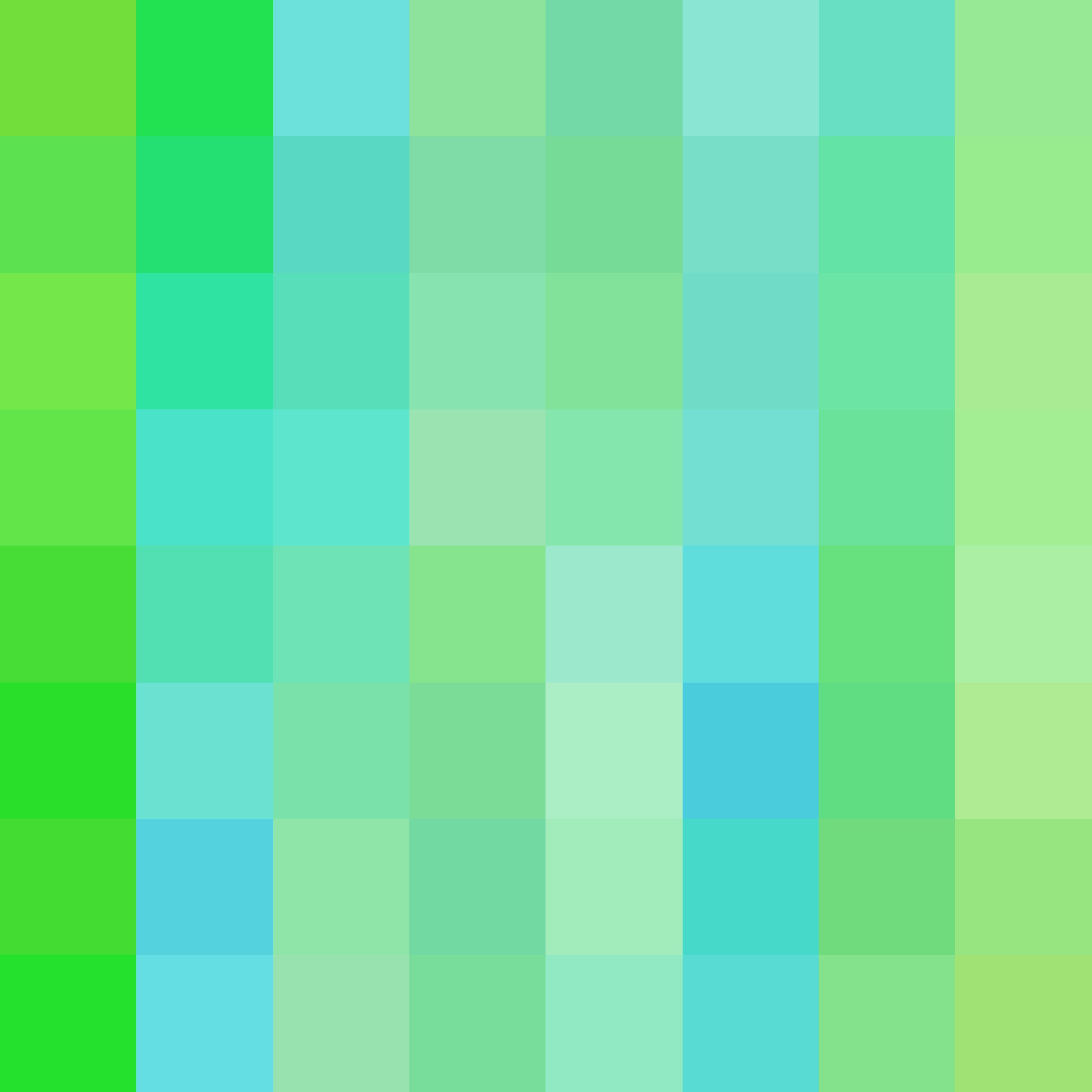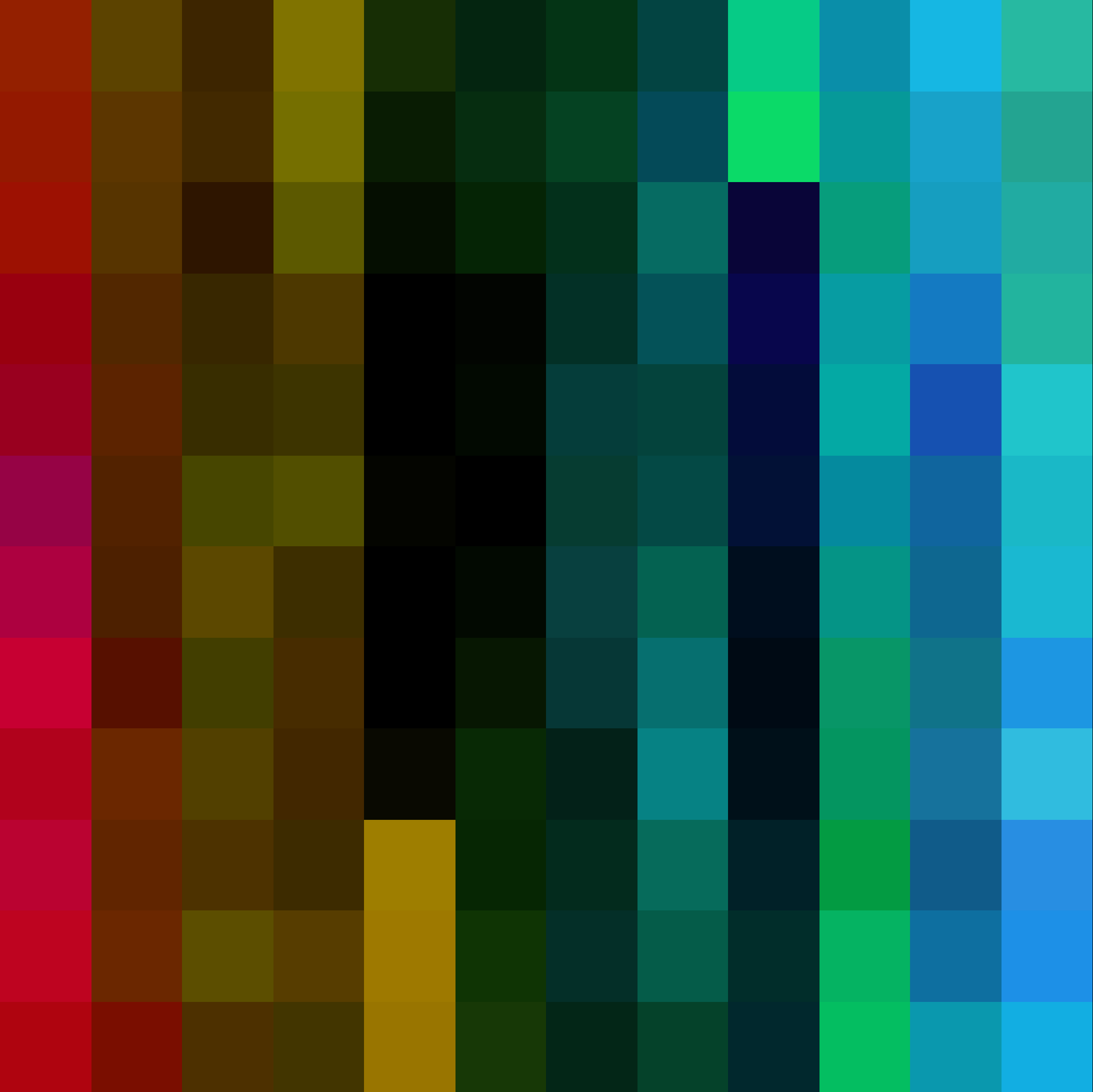
A two tone grid of 64 blocks. It's mostly green, and it also has quite some cyan in it.

A grid with 121 coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has some cyan, some indigo, a little bit of green, and a tiny bit of violet in it.
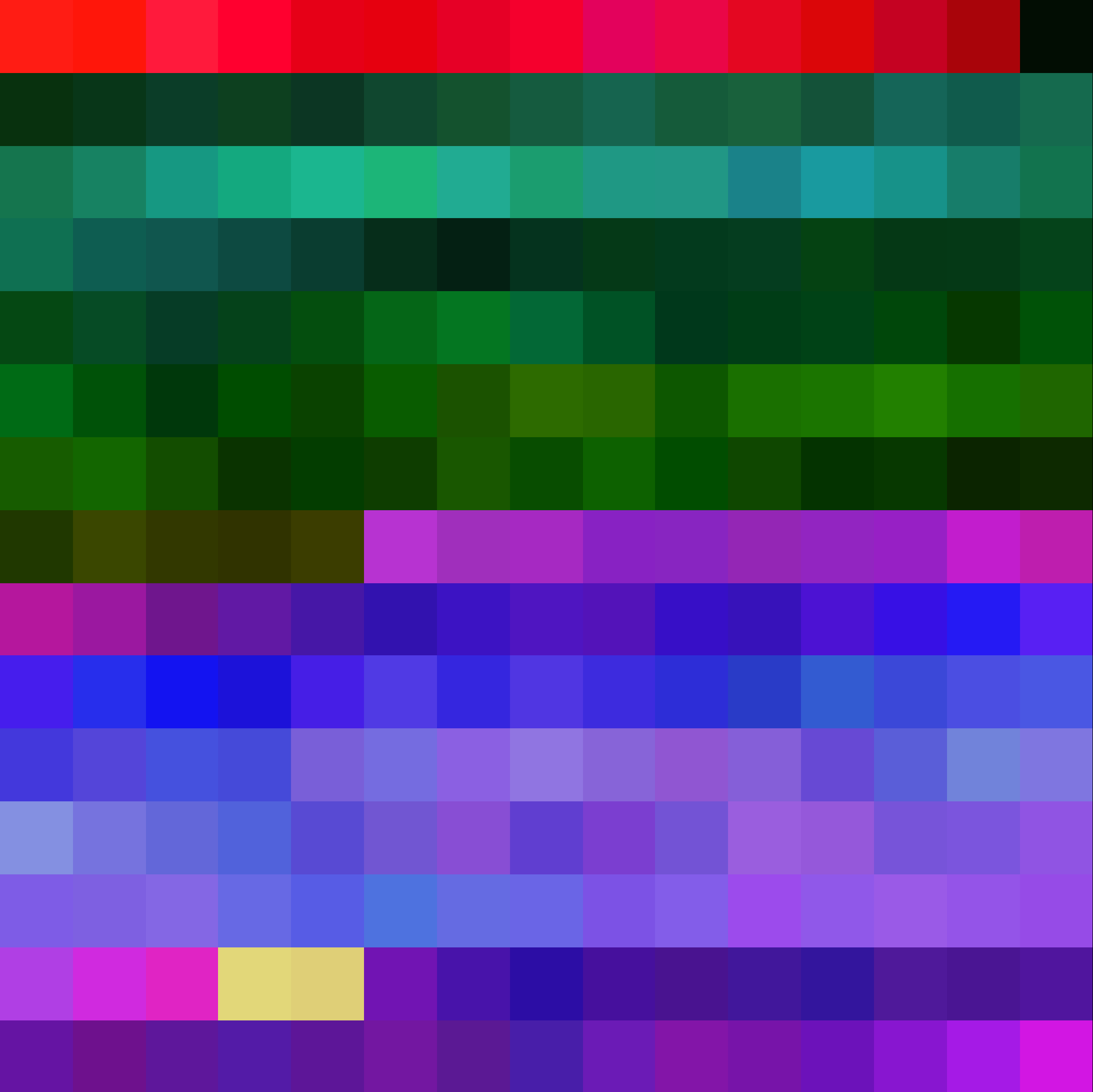
A very, very colourful grid of 256 blocks. It's mostly green, and it also has quite some red, some orange, a bit of yellow, a little bit of lime, a little bit of magenta, a tiny bit of violet, a tiny bit of purple, and a tiny bit of indigo in it.

A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly cyan, but it also has quite some green, some orange, some yellow, some blue, a bit of red, a tiny bit of rose, a tiny bit of lime, and a tiny bit of indigo in it.

The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly rose, but it also has quite some red, some magenta, a little bit of green, and a little bit of cyan in it.

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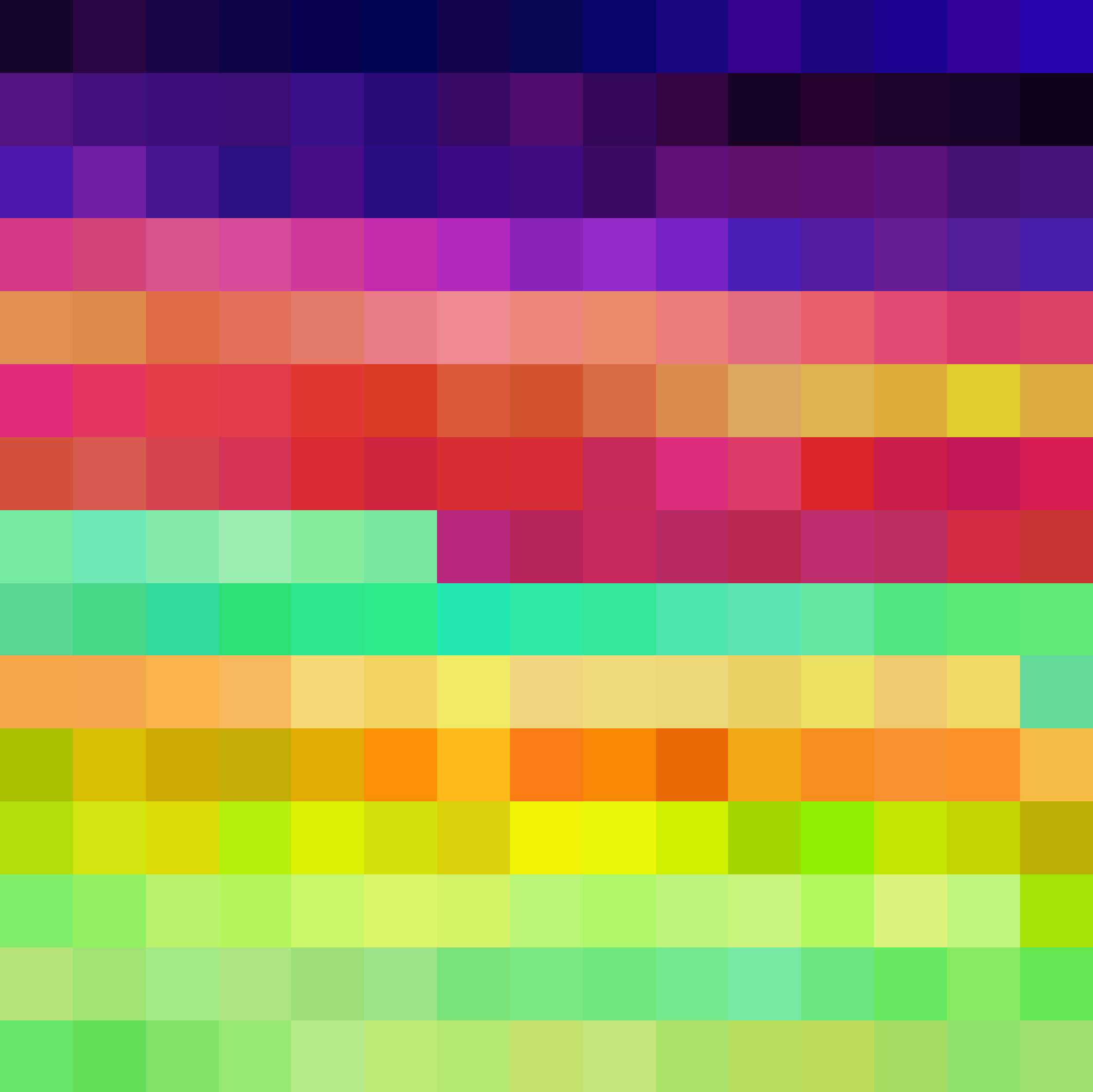
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, but it also has some red, some orange, some yellow, a bit of purple, a bit of violet, a bit of rose, a little bit of indigo, a little bit of lime, a little bit of magenta, a tiny bit of blue, and a tiny bit of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