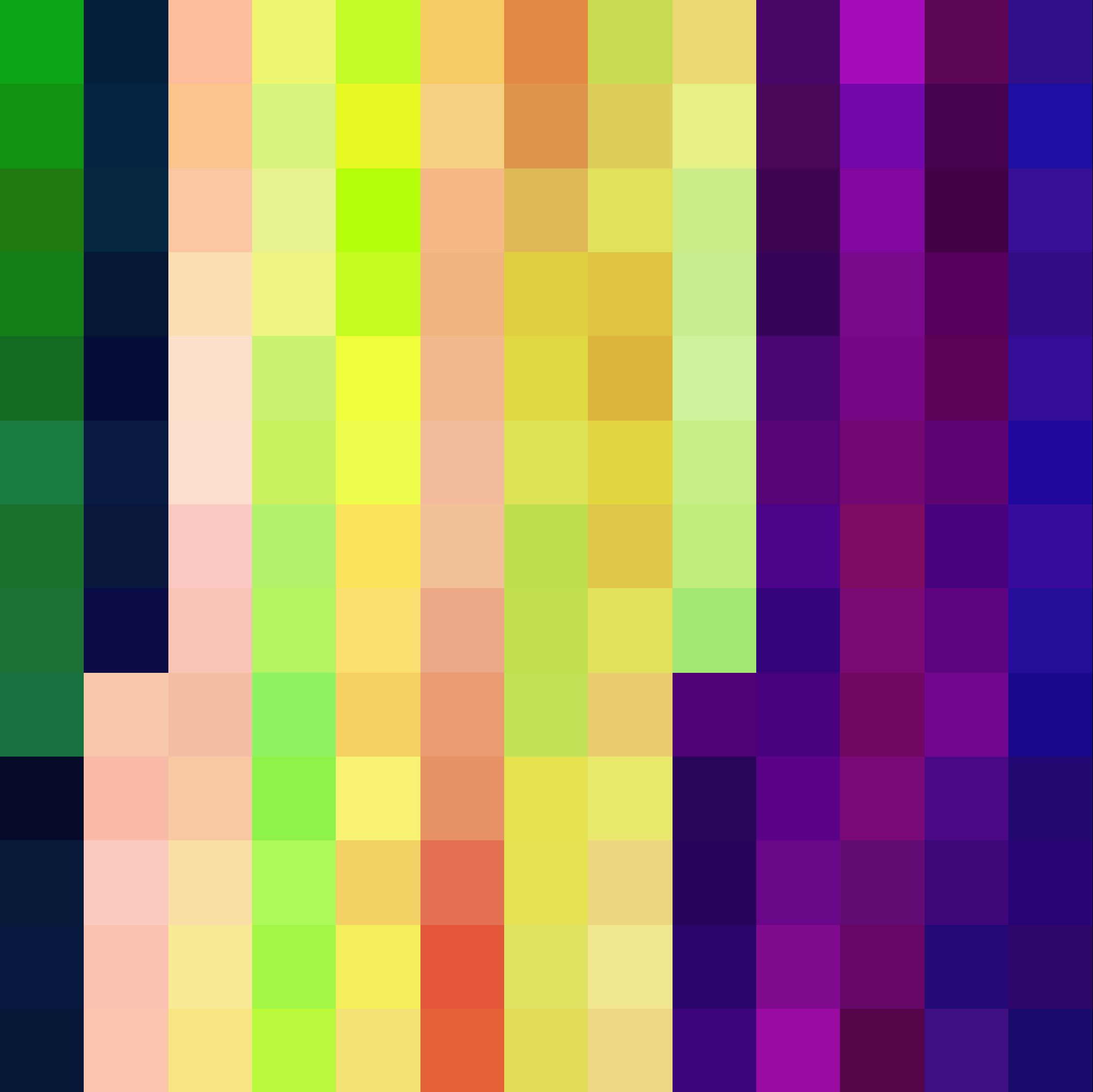# 100 random pixel gradients

Vasilis van Gemert – 03-09-2022

Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly blue, and it also has some green, some indigo, some purple, some magenta, a bit of yellow, a bit of violet, a tiny bit of orange, a tiny bit of lime, and a tiny bit of cyan in it.

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

This very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has quite some red, some yellow, a little bit of orange, a little bit of lime, a tiny bit of cyan, and a tiny bit of violet in it.

A very colourful grid of 100 blocks. It's mostly blue, but it also has quite some magenta, quite some rose, a little bit of purple, a little bit of red, a tiny bit of cyan, and a tiny bit of violet in it.
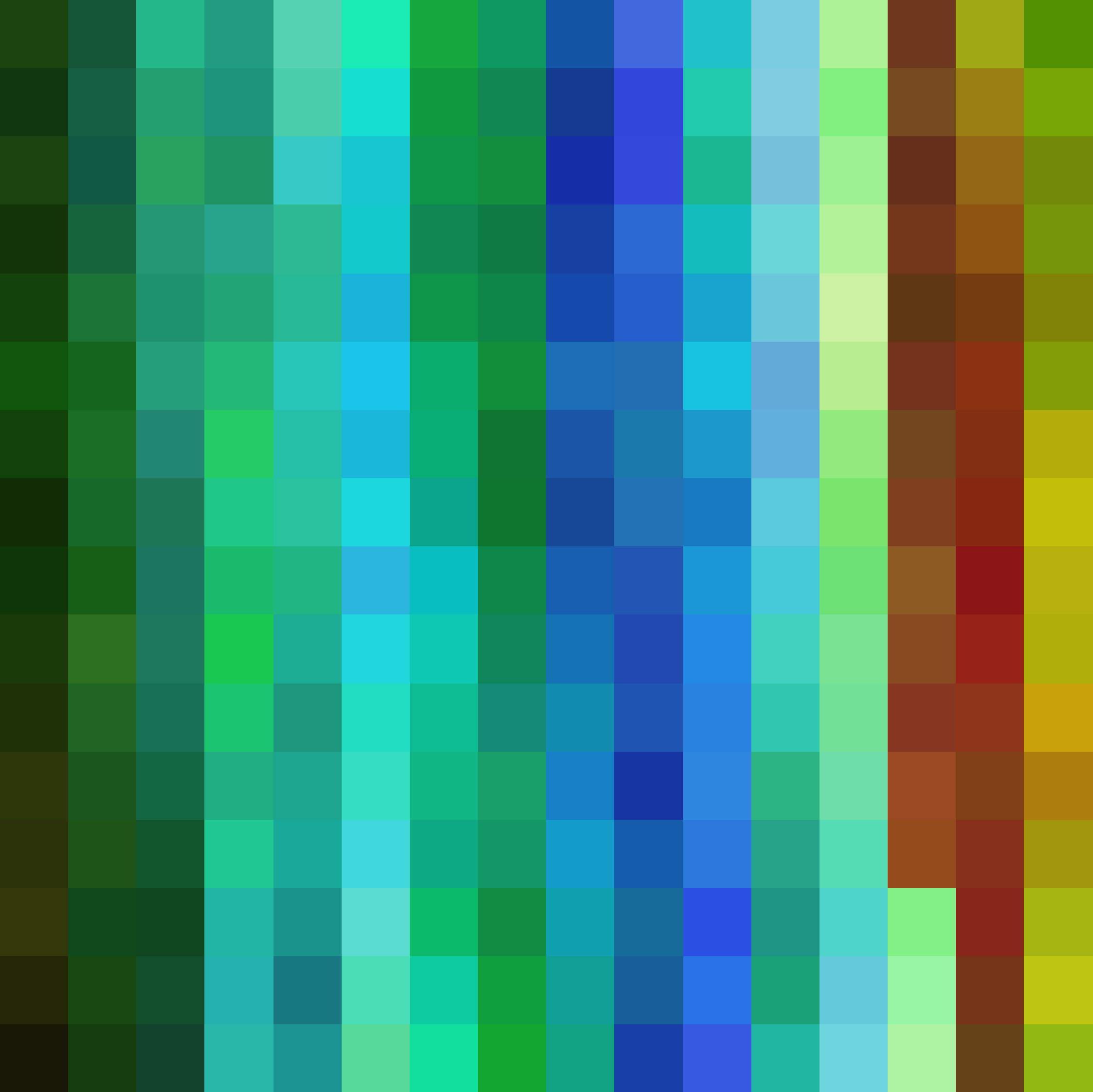
A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, some blue, a bit of orange, a little bit of yellow, a little bit of red, and a tiny bit of lime in it.
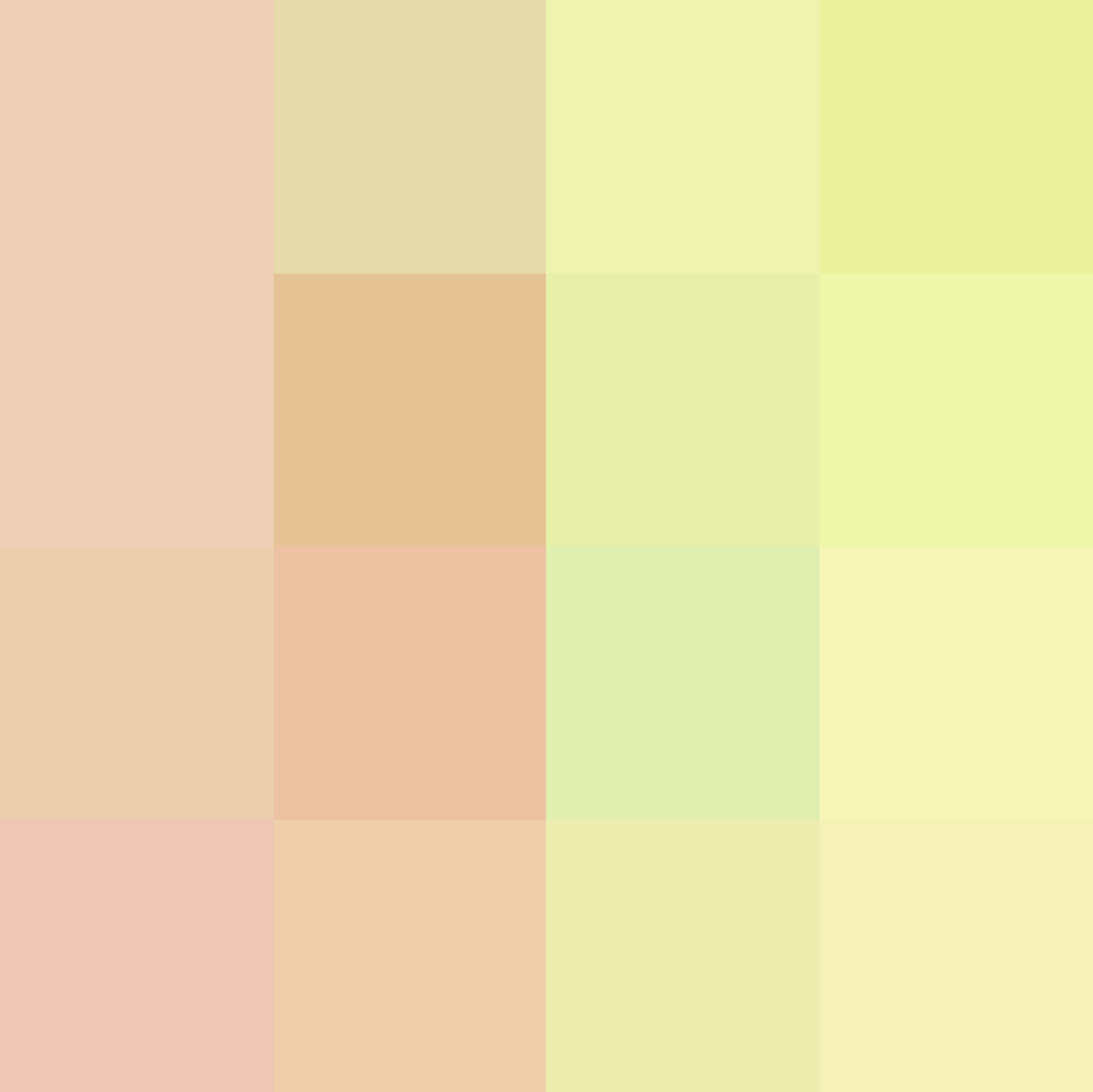
This two tone gradient, generated in this 5 by 5 pixel grid, is mostly green, and it also has quite some cyan in it.

This two tone gradient, generated in this 8 by 8 pixel grid, is mostly red, but it also has a lot of orange in it.
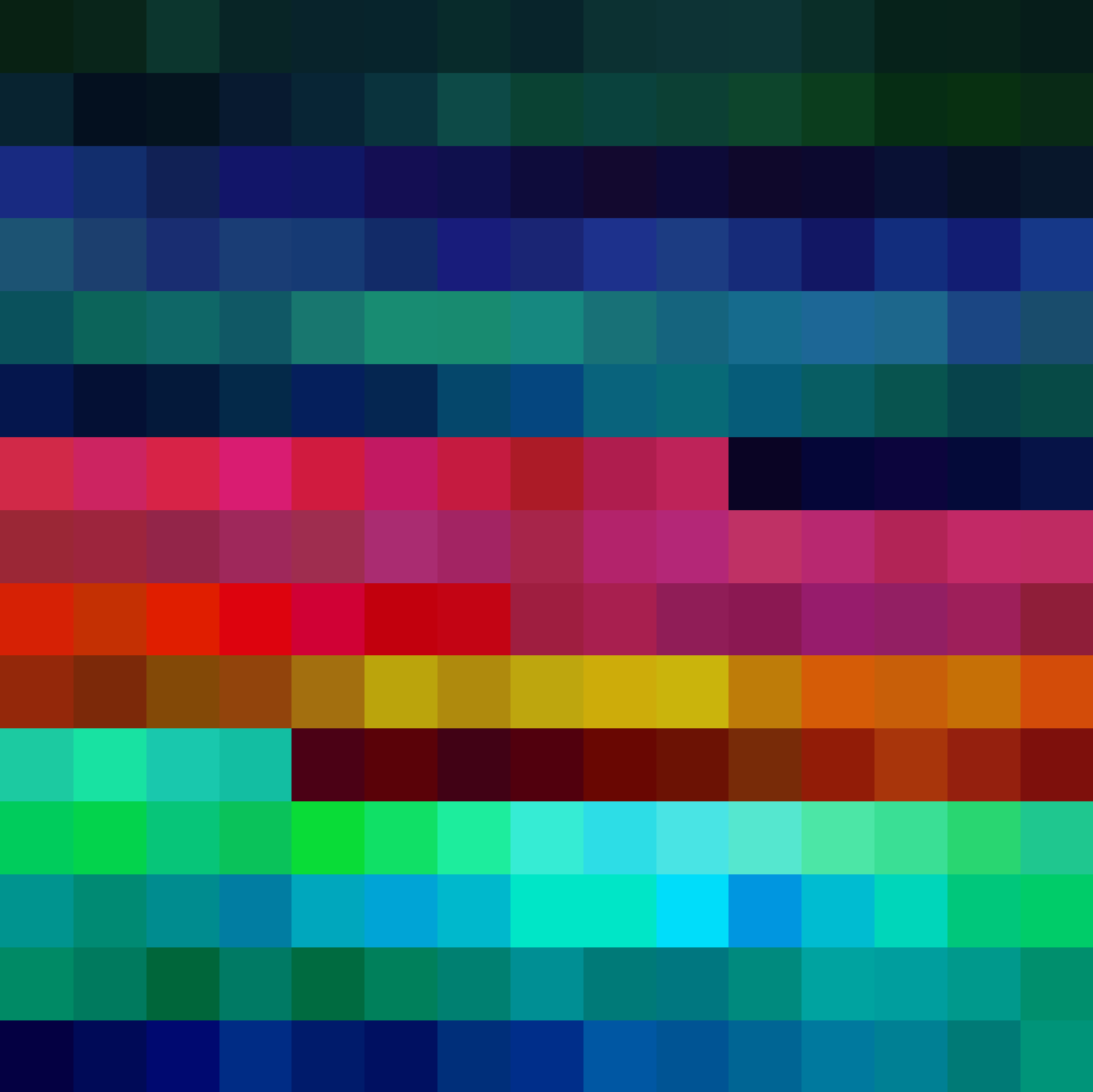
A grid with 64 coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some green, and a little bit of cyan in it.

The gradient in this 4 by 4 pixel grid is mostly yellow, but it also has a lot of orange, and a little bit of lime in it.
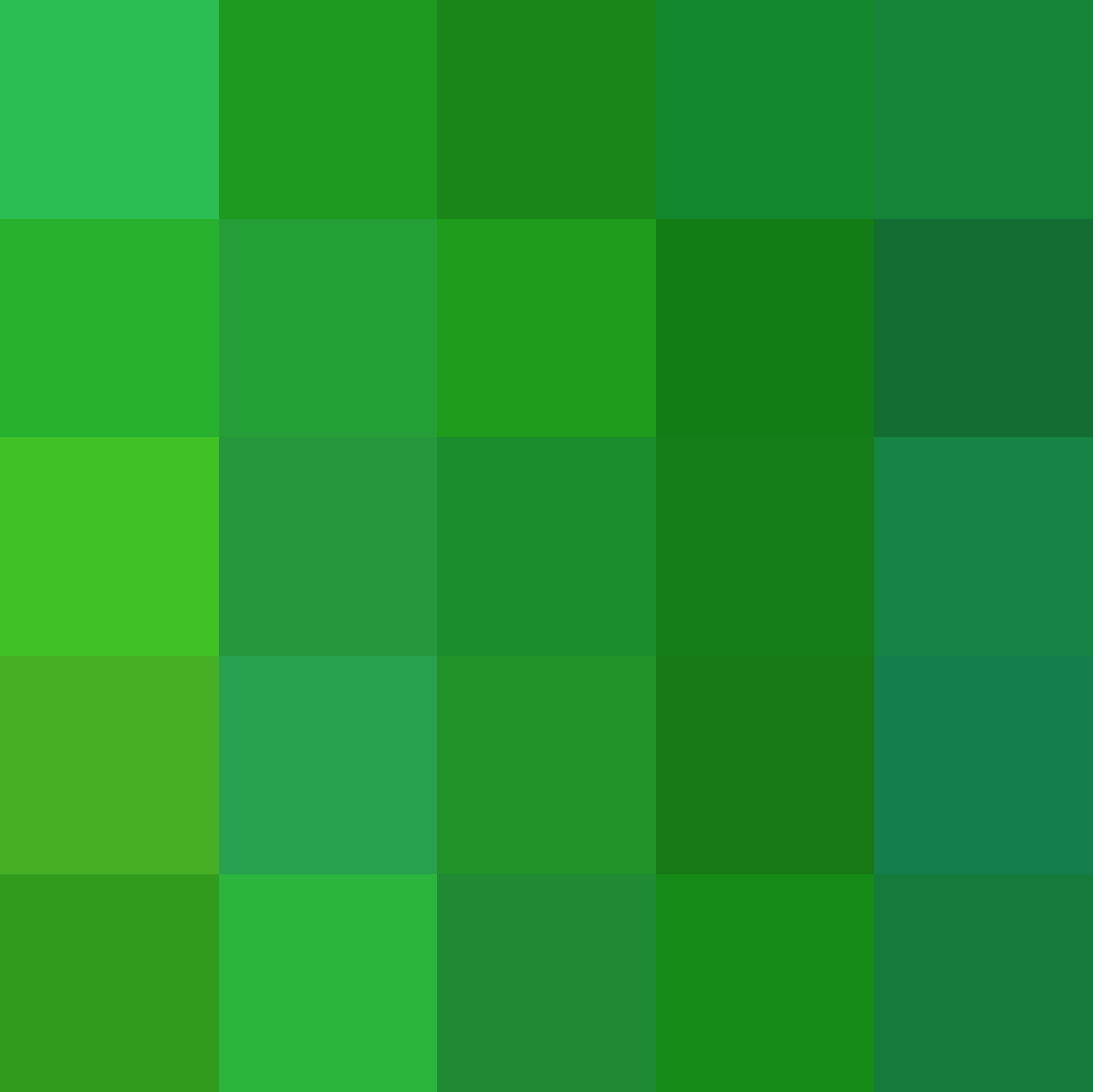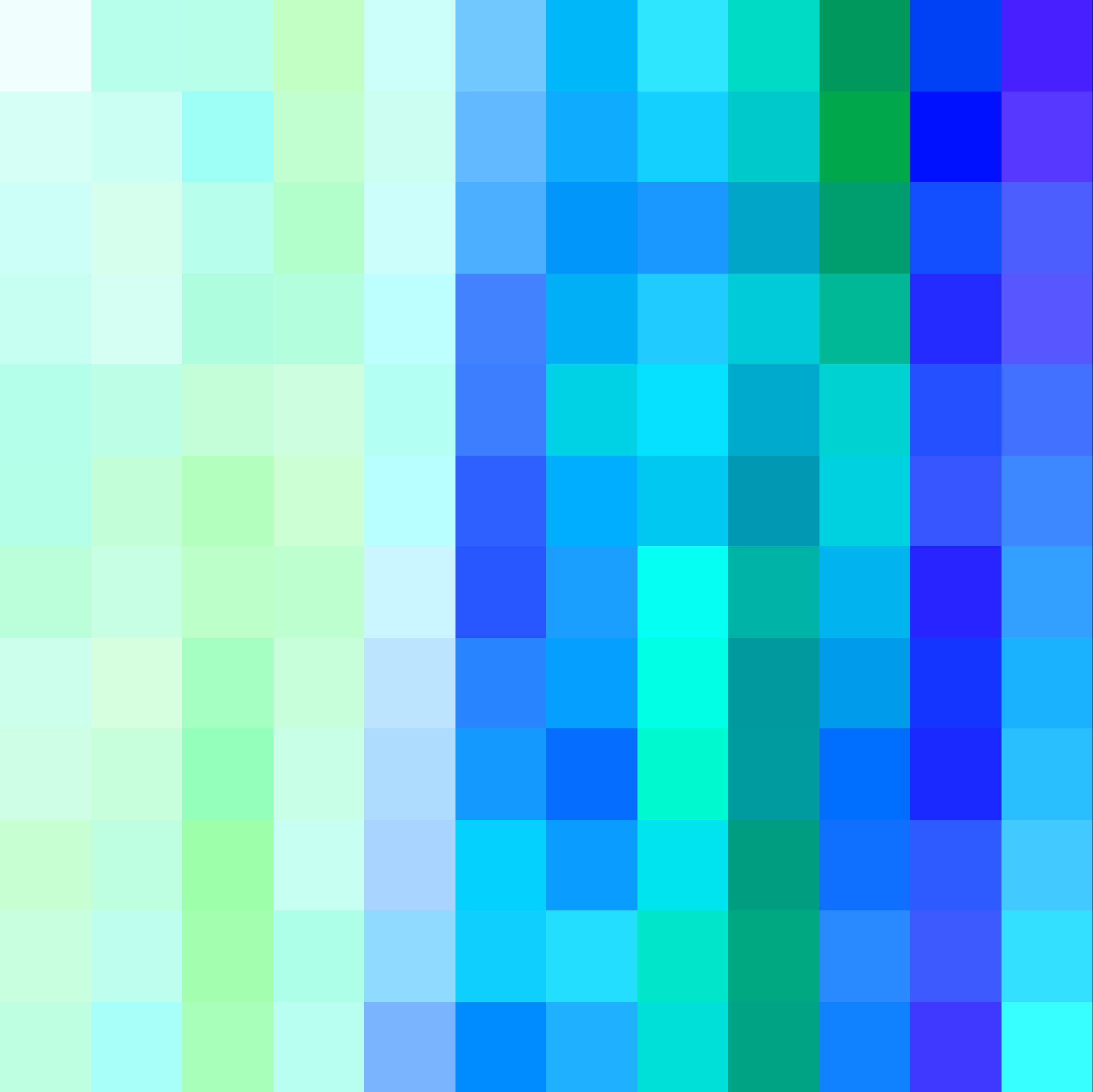
The cells in this 5 by 5 pixel grid form a monochrome gradient. It is green.
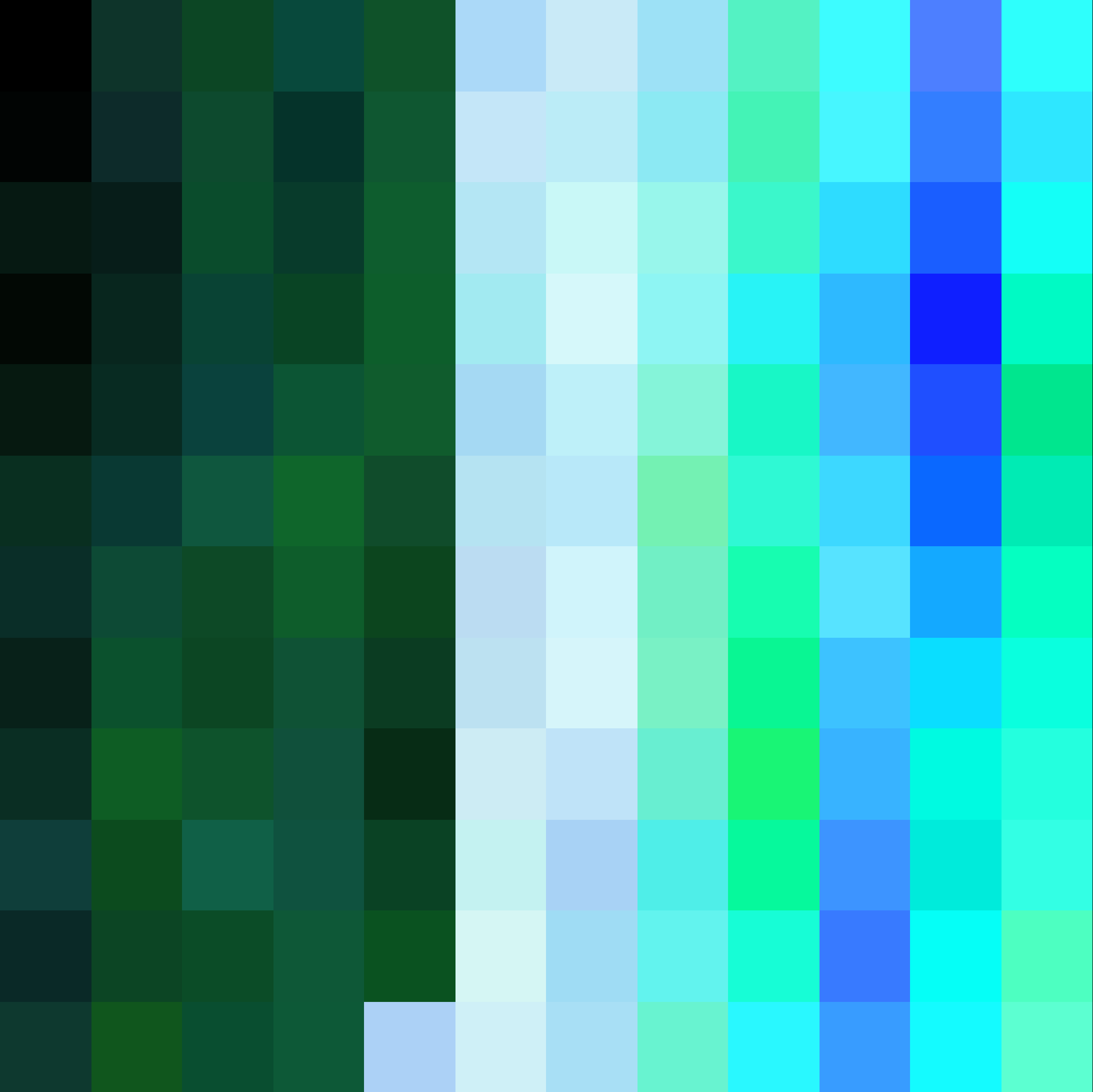
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly cyan, and it also has quite some blue, some green, some rose, a bit of red, a little bit of orange, a little bit of indigo, a tiny bit of yellow, and a tiny bit of magenta in it.

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

This gradient, generated in this 12 by 12 pixel grid, is mostly blue, and it also has quite some cyan, quite some green, and a little bit of indigo in it.
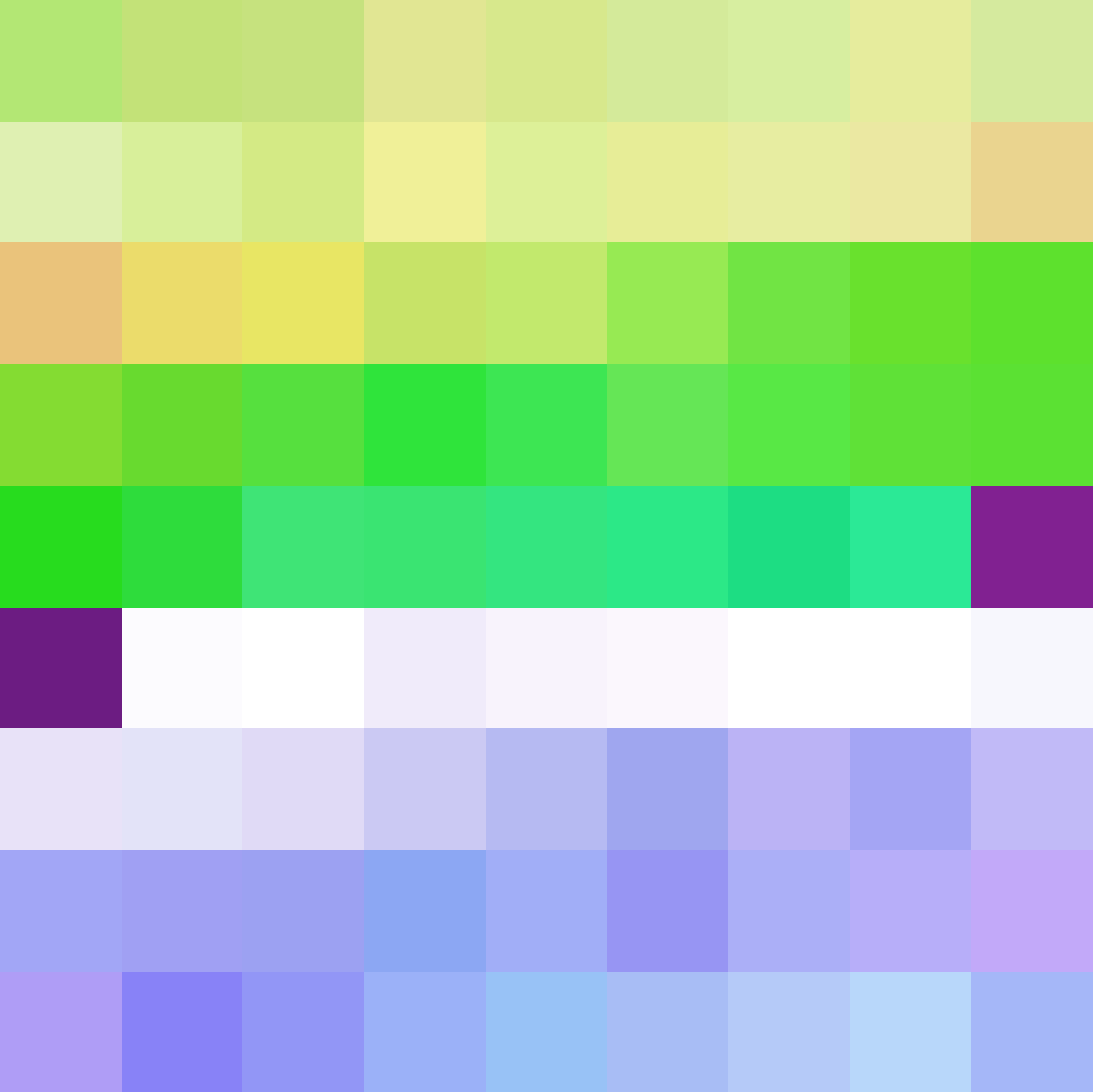
A 12 by 12 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has quite some green, and some blue in it.

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

There's a colourful pixel gradient in this 5 by 5 grid. It is mostly cyan, and it also has some purple, some blue, a little bit of violet, and a little bit of magenta in it.

There's a very, very colourful pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some blue, some indigo, some lime, a bit of yellow, a bit of purple, a tiny bit of orange, and a tiny bit of violet in it.
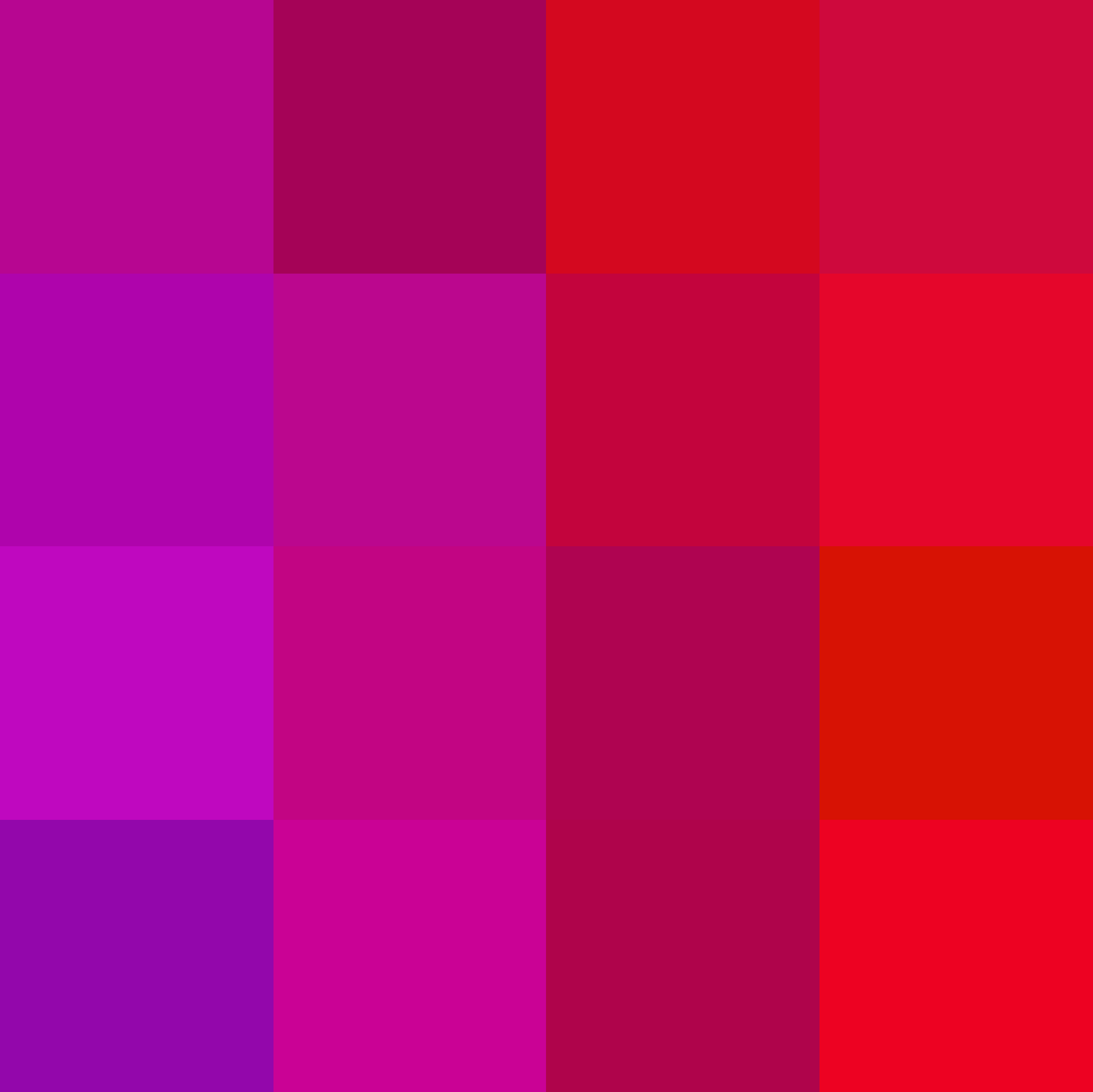
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has quite some rose, quite some red, and a little bit of purple in it.
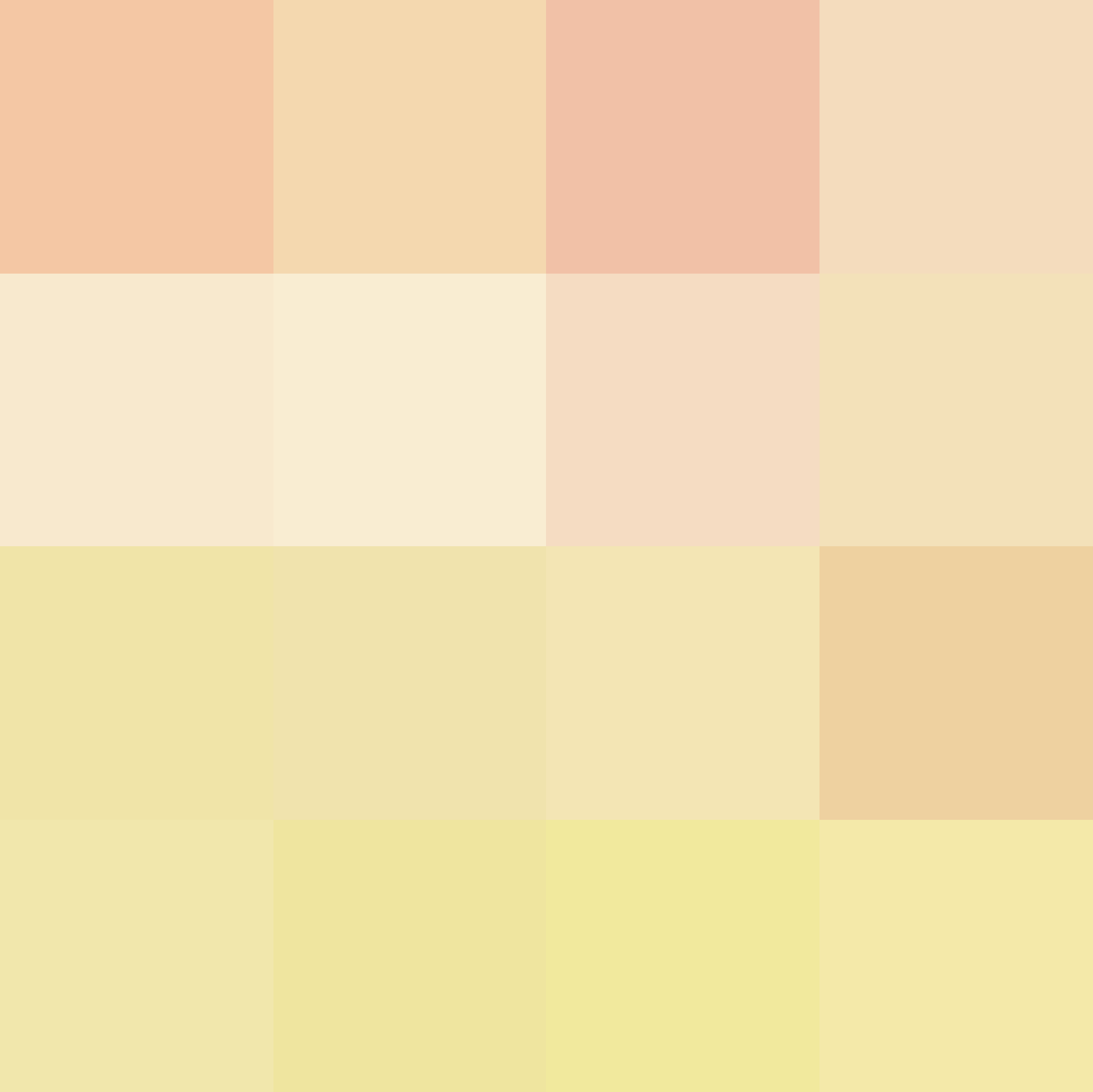
This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly orange, and it also has a lot of yellow in it.
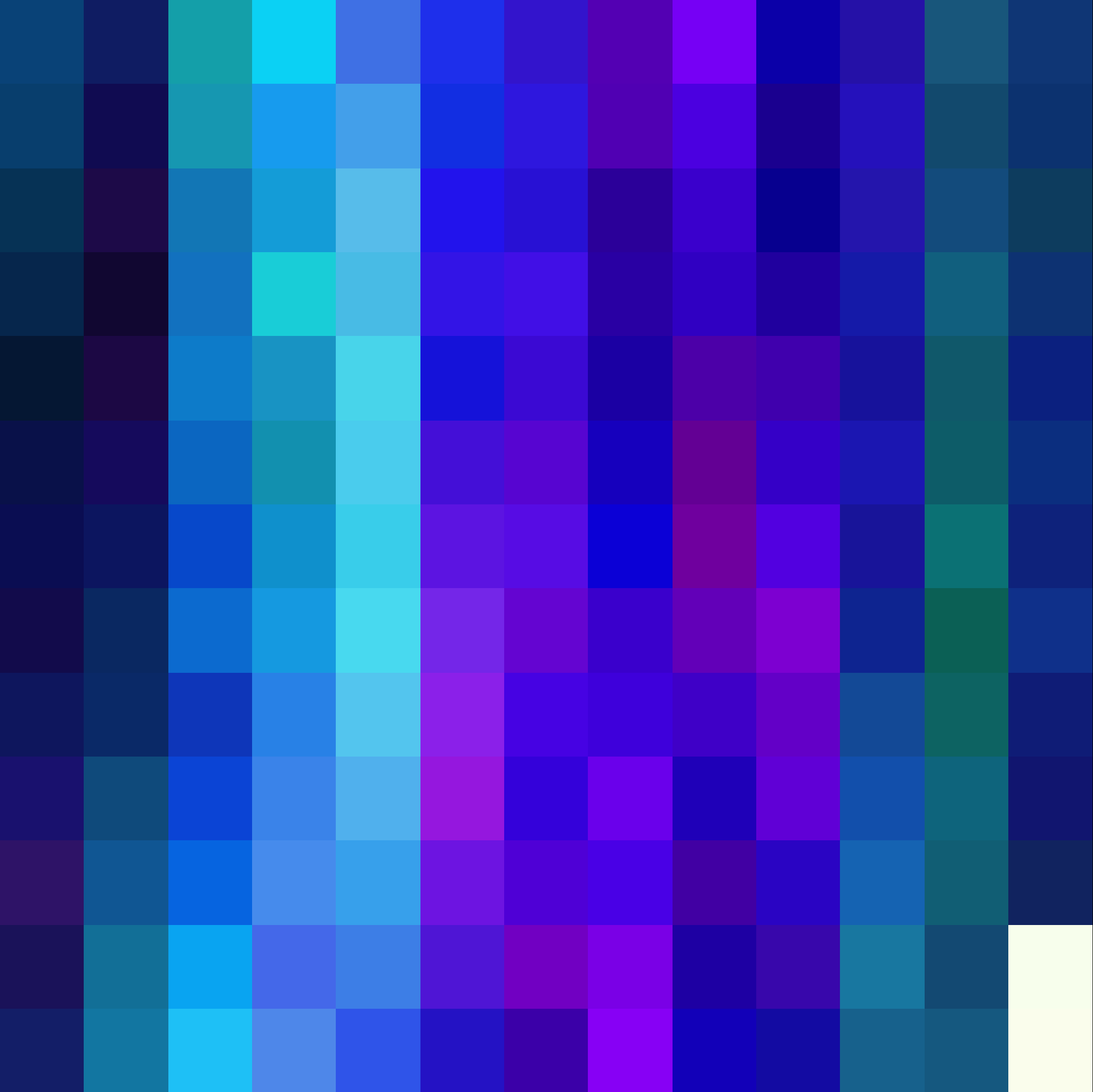
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has some yellow, some lime, and a tiny bit of cyan in it.

This colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, and it also has some cyan, a bit of yellow, a little bit of lime, and a tiny bit of blue in it.
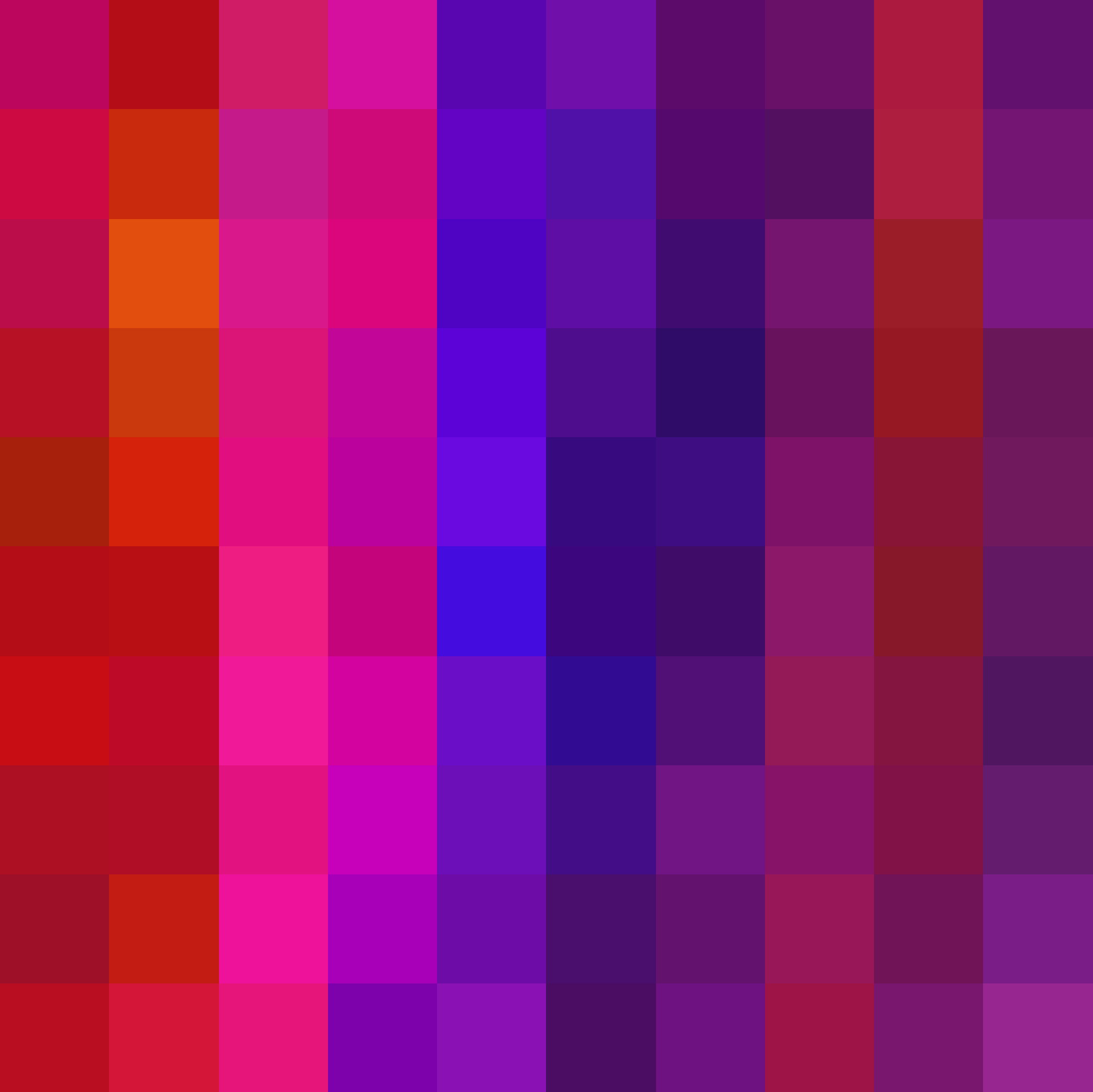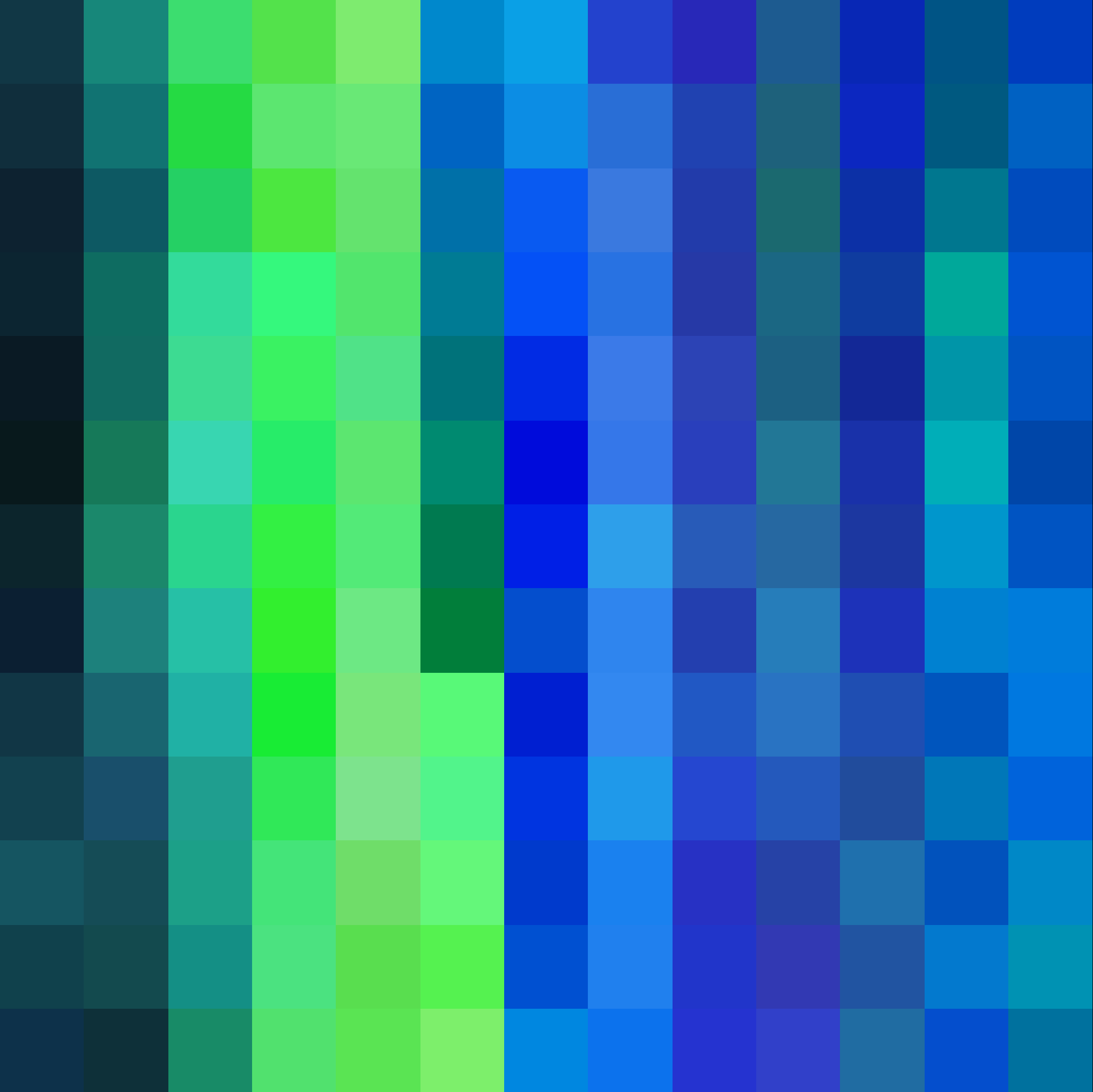
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some red, some rose, some purple, some violet, a tiny bit of indigo, and a tiny bit of orange in it.
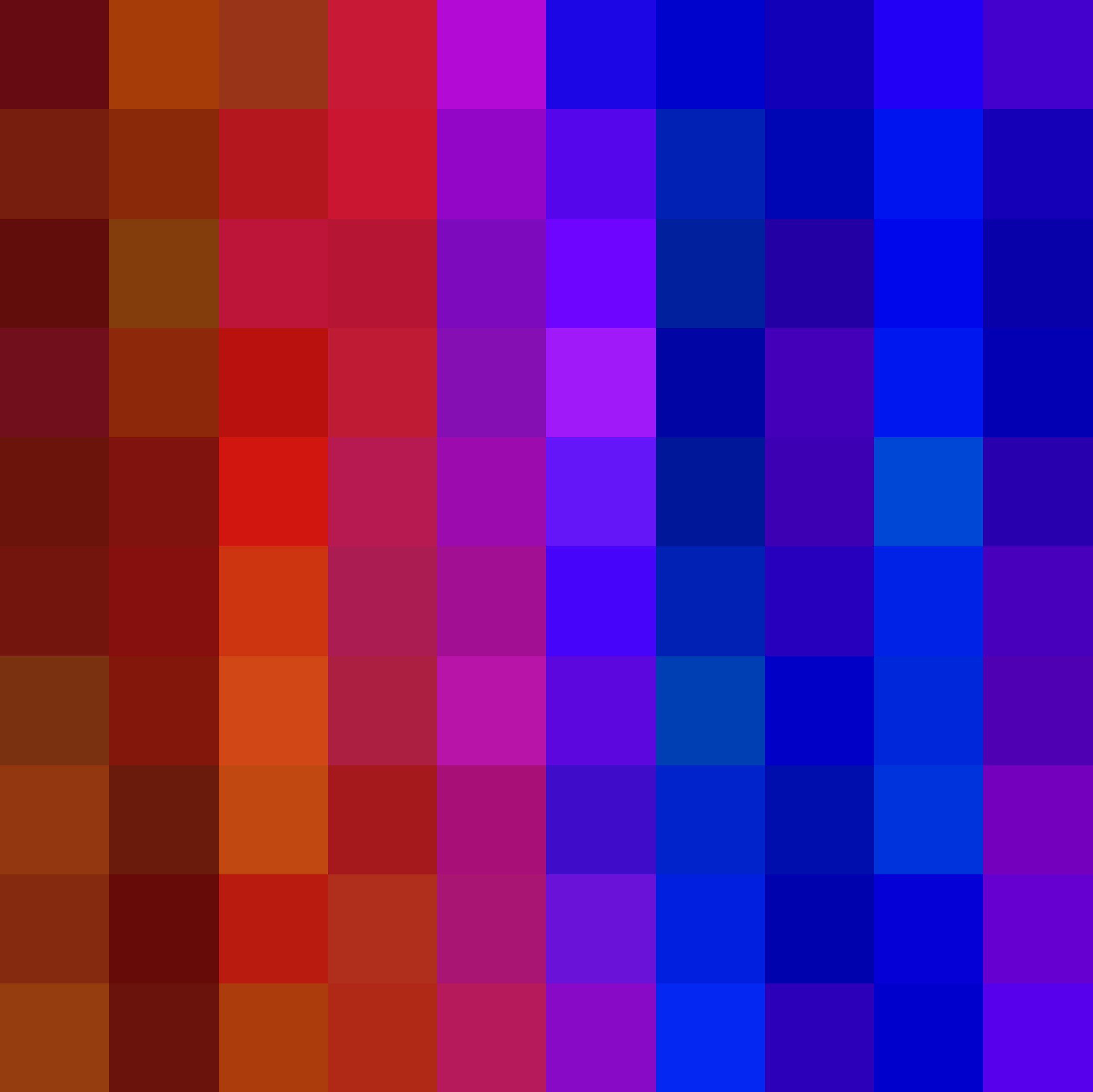
The cells in this 13 by 13 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some indigo, some violet, a bit of cyan, a little bit of purple, a tiny bit of green, and a tiny bit of lime in it.
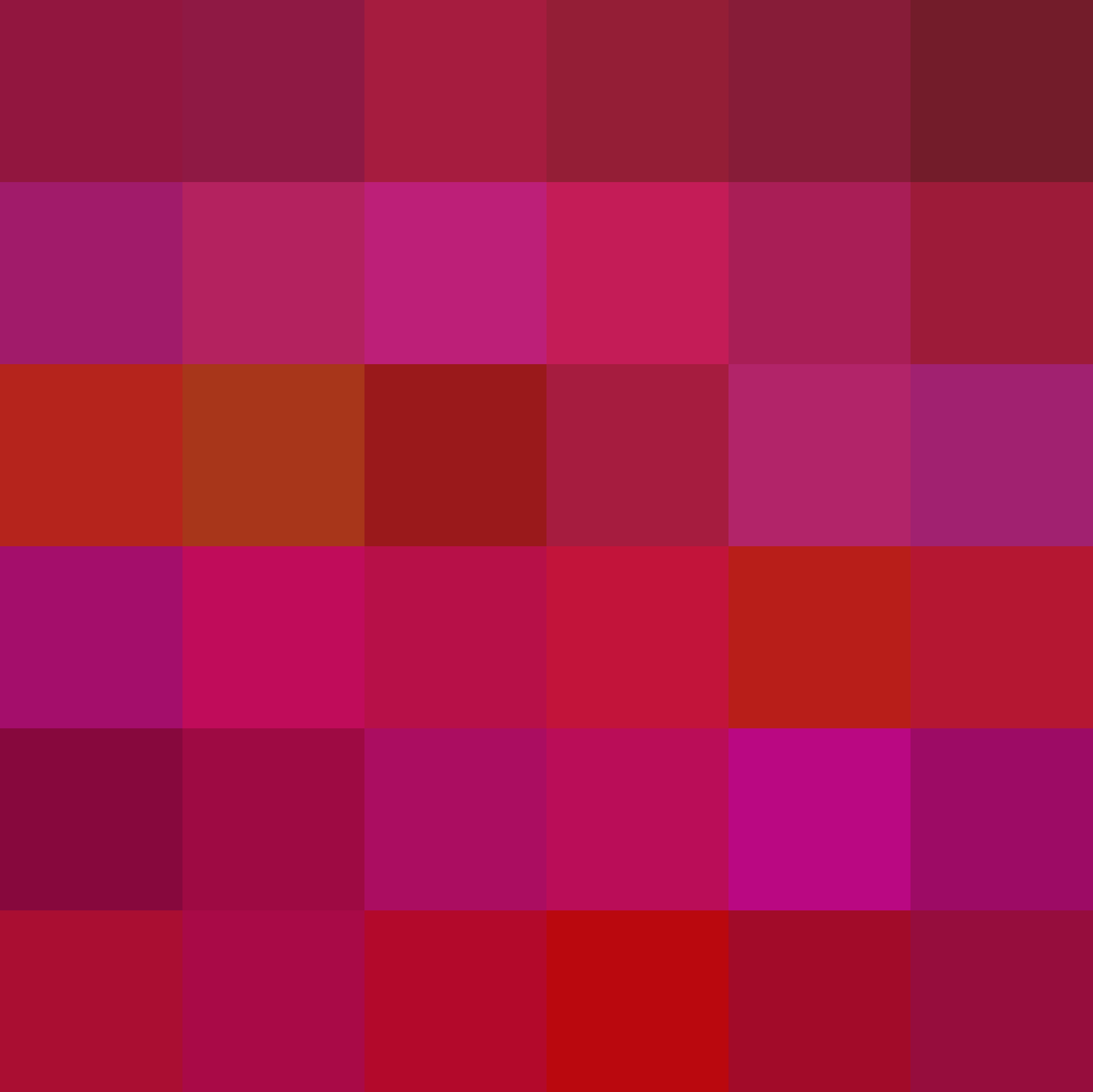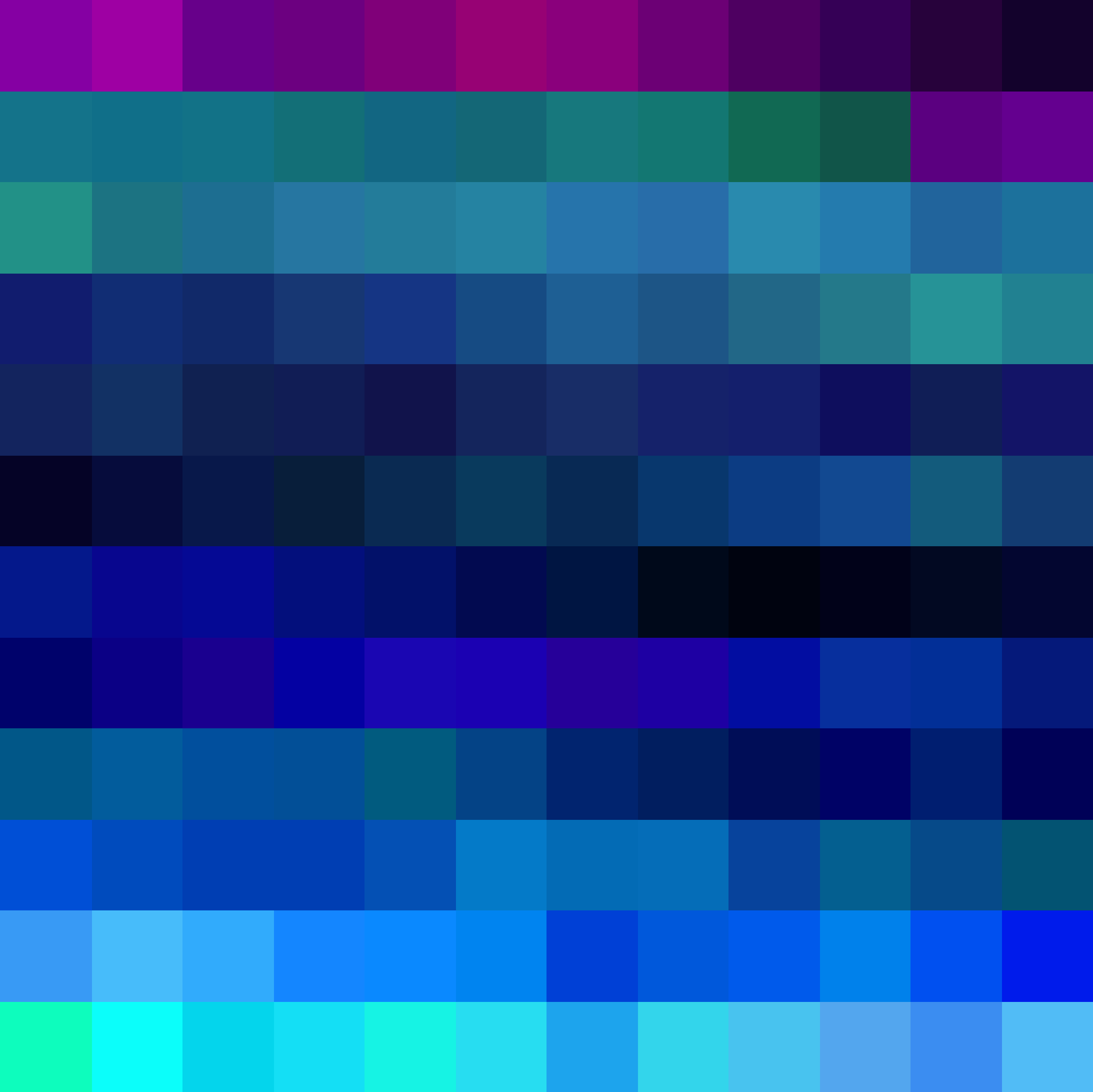
A grid of 36 blocks. It's mostly red, but it also
has a lot of rose, and some magenta in it.

A grid of 169 blocks. It's mostly blue, but it also has quite some green, and some cyan in it.

A grid with 100 coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has a bit of orange in it.

A 12 by 12 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some cyan, a little bit of indigo, a little bit of purple, a little bit of magenta, and a tiny bit of violet in it.
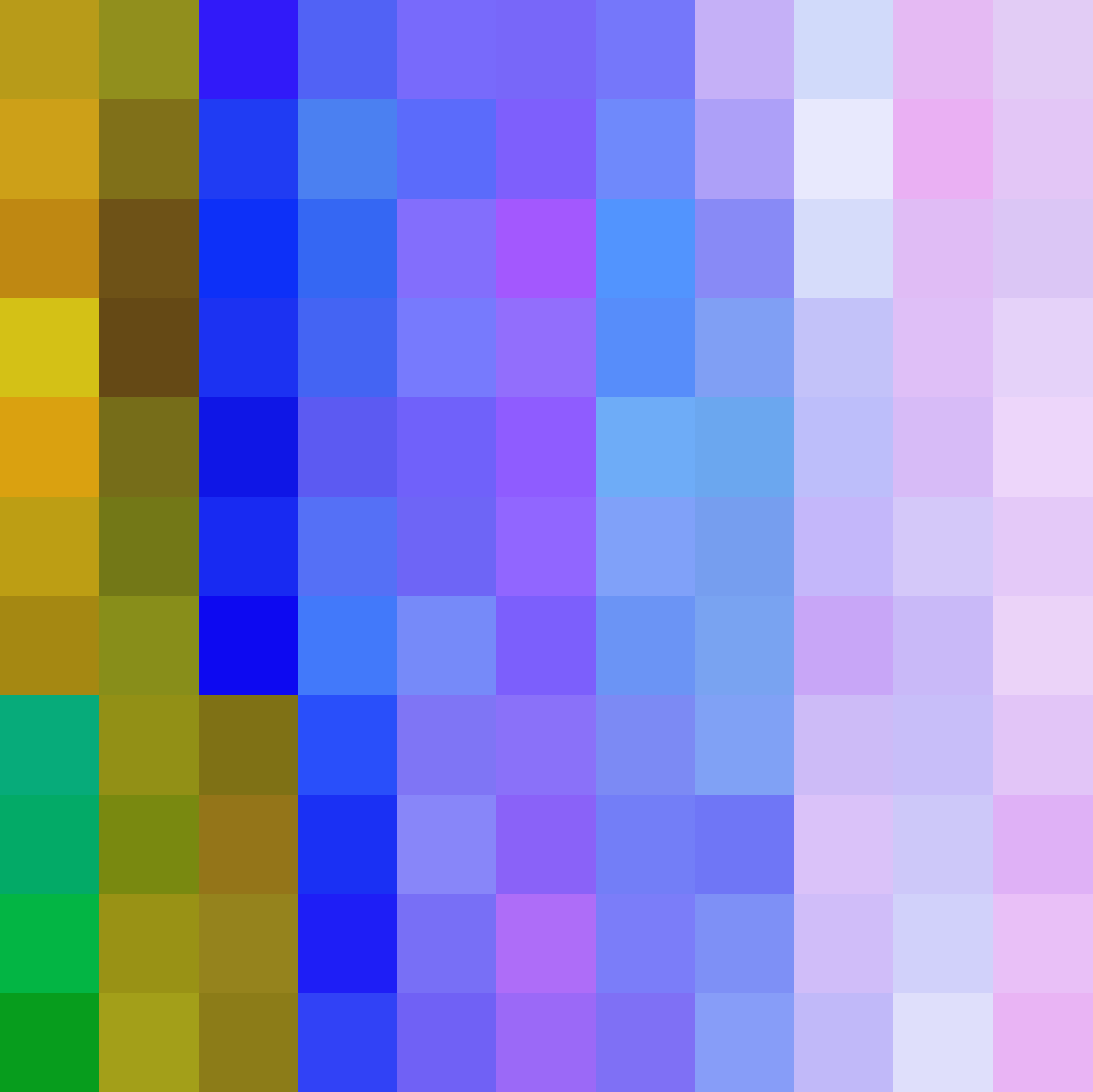
A grid with 121 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, some yellow, a bit of purple, a bit of violet, a little bit of orange, a little bit of green, and a tiny bit of magenta in it.

Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly green, but it also has quite some yellow, a little bit of lime, and a tiny bit of orange in it.
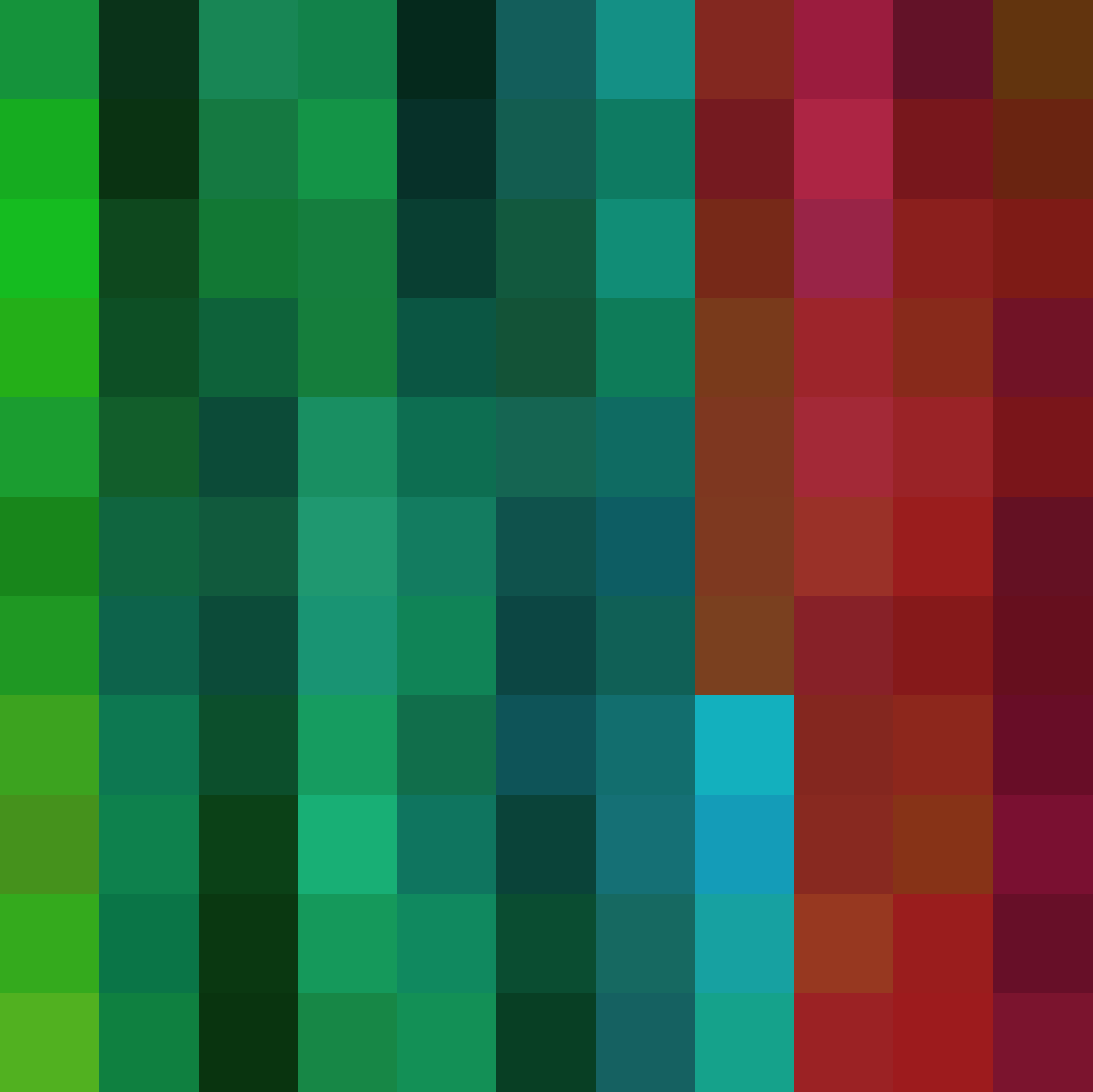
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly magenta, and it also has some rose, some purple, a bit of red, a bit of blue, a little bit of indigo, a little bit of violet, a tiny bit of cyan, and a tiny bit of green in it.
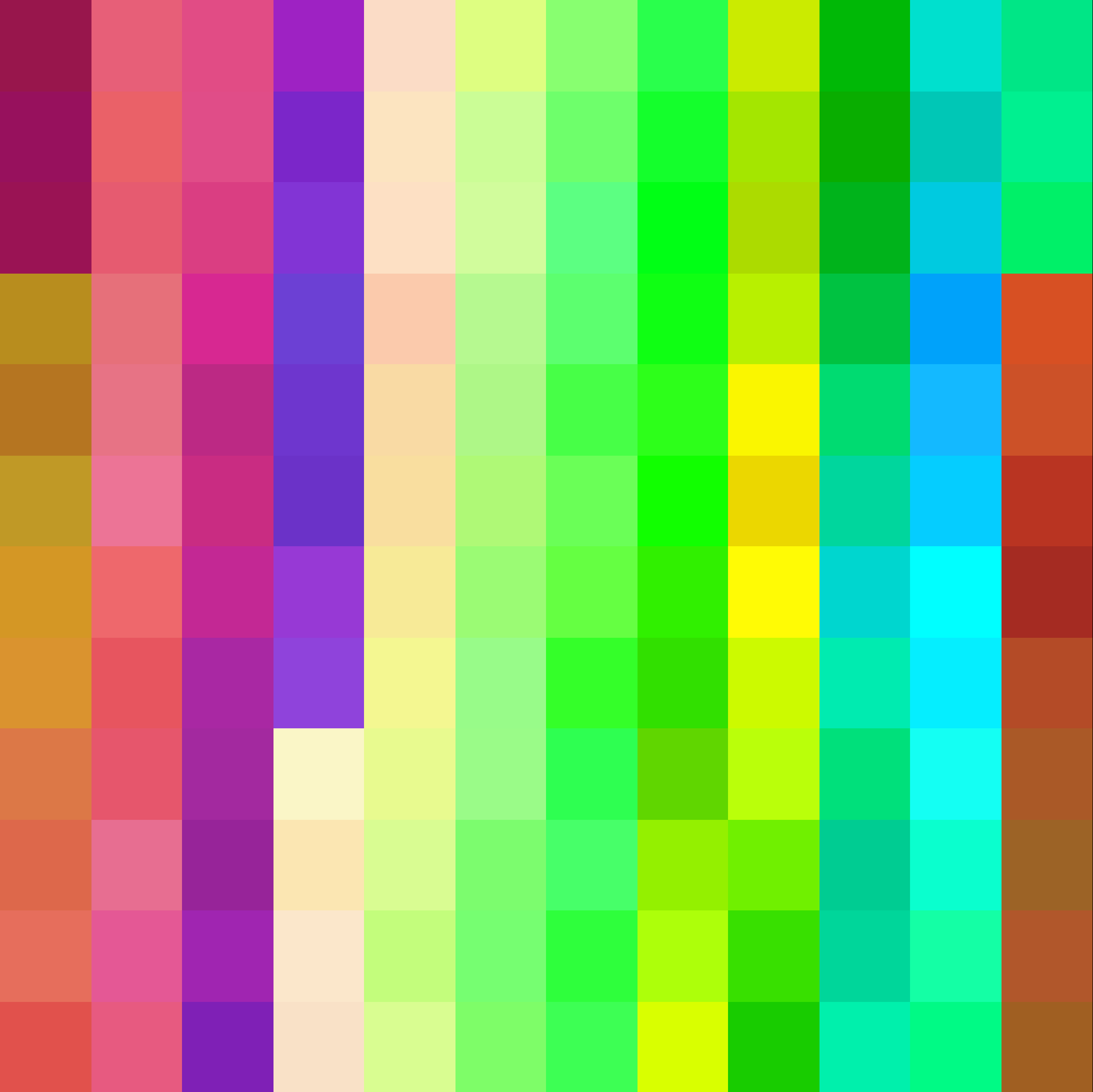
There's a very colourful pixel gradient in this 10 by 10 grid. It is mostly red, but it also has quite some magenta, quite some orange, some green, a bit of rose, a little bit of cyan, and a tiny bit of yellow in it.

A 10 by 10 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some yellow, some lime, a bit of orange, and a little bit of red in it.

This gradient, generated in this 11 by 11 pixel grid, is mostly green, and it also has quite some red, quite some cyan, and a little bit of orange in it.

This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has quite some red, some orange, a bit of cyan, a little bit of yellow, a little bit of lime, a tiny bit of rose, a tiny bit of blue, and a tiny bit of magenta in it.

A grid of 49 blocks. It's mostly red, but it also has quite some orange, and some green in it.
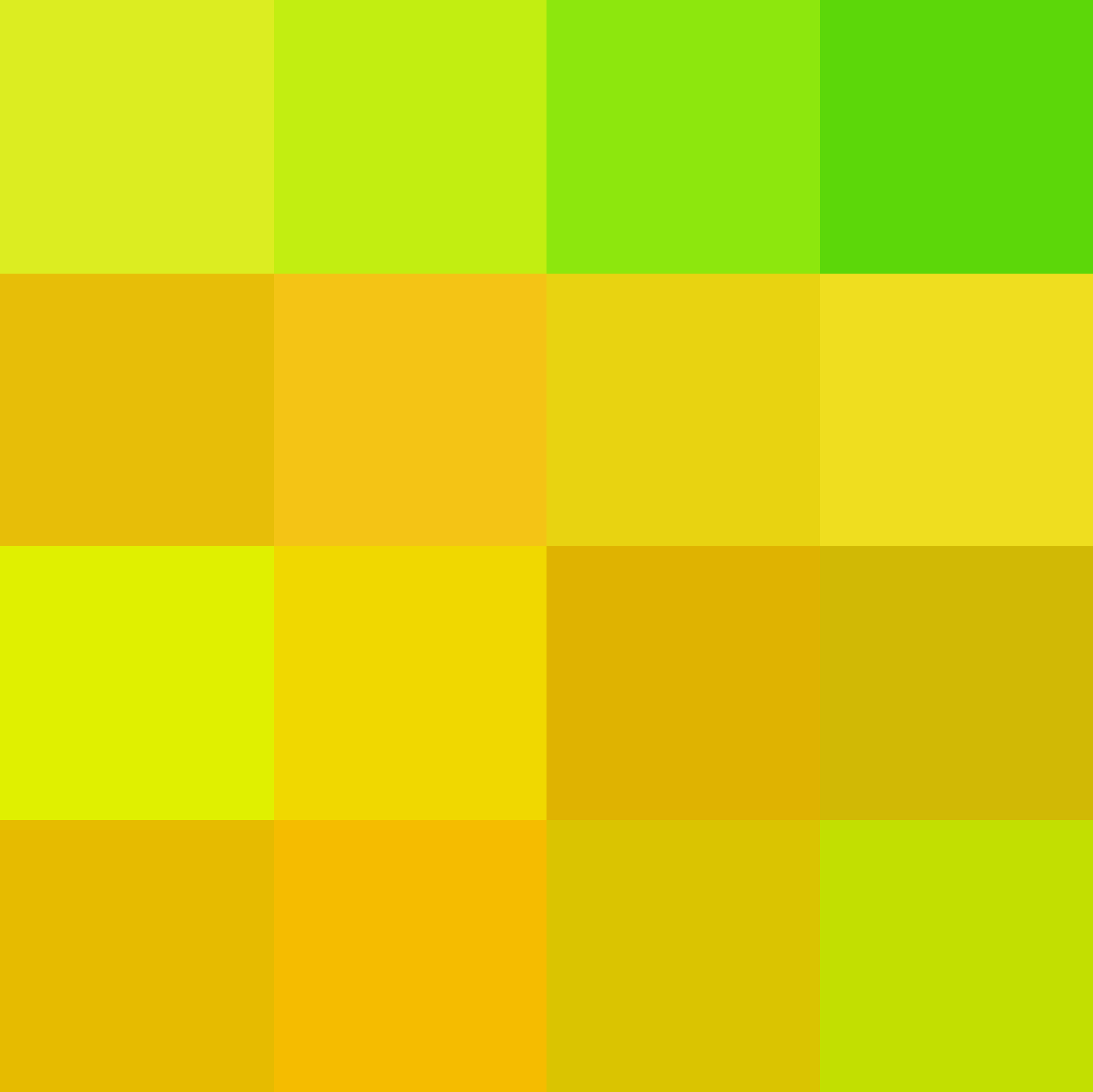
A very, very colourful grid of 196 blocks. It's mostly orange, but it also has some blue, some green, some indigo, a bit of purple, a little bit of red, a little bit of yellow, a little bit of violet, a little bit of magenta, a little bit of rose, a tiny bit of cyan, and a tiny bit of lime in it.

The gradient in this 13 by 13 pixel grid is mostly blue, but it also has quite some green, some cyan, and a bit of indigo in it.
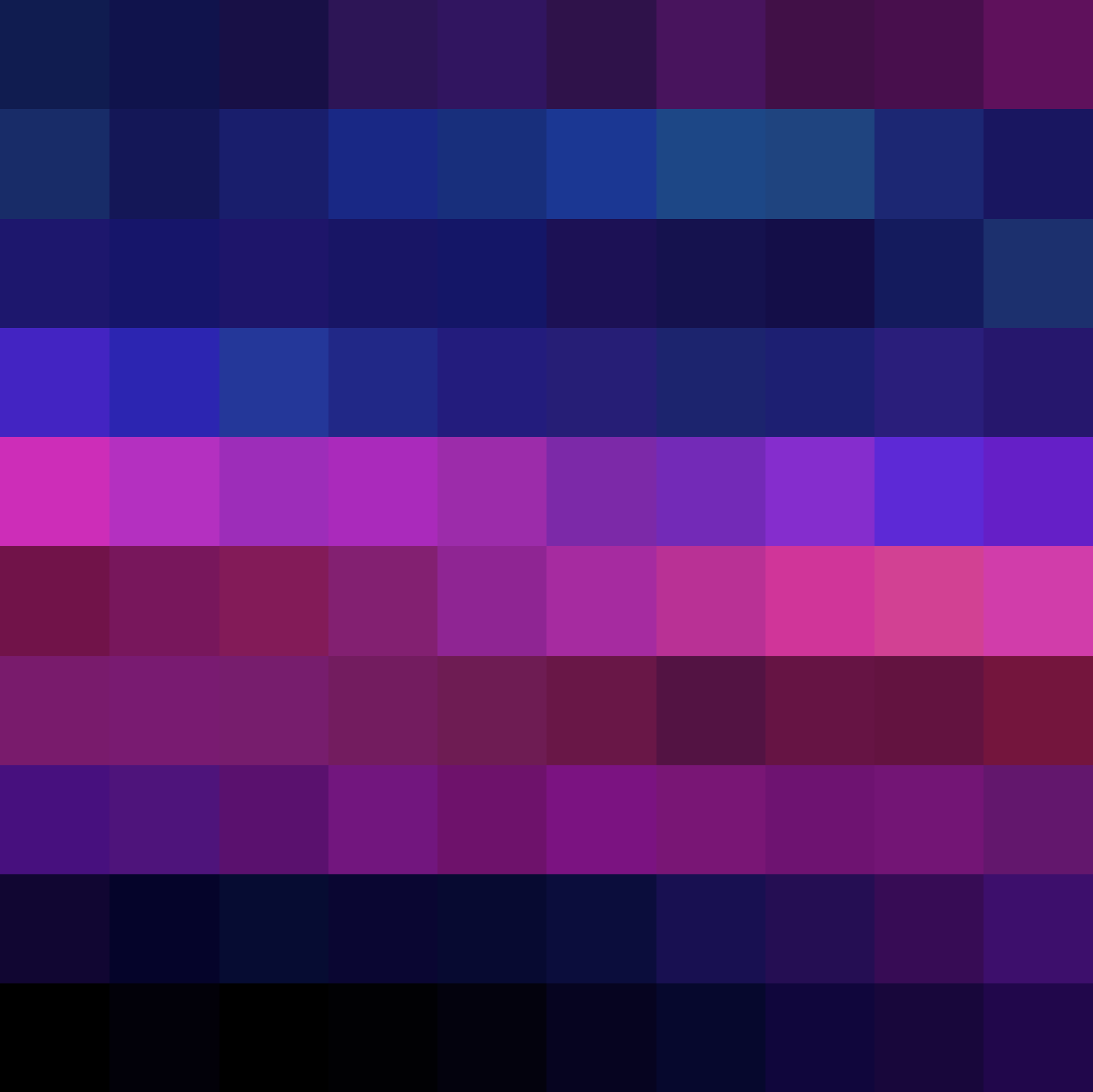
This gradient, generated in this 9 by 9 pixel grid, is mostly red, and it also has quite some orange, and a tiny bit of yellow in it.

A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly yellow, but it also has some green, and a little bit of lime in it.
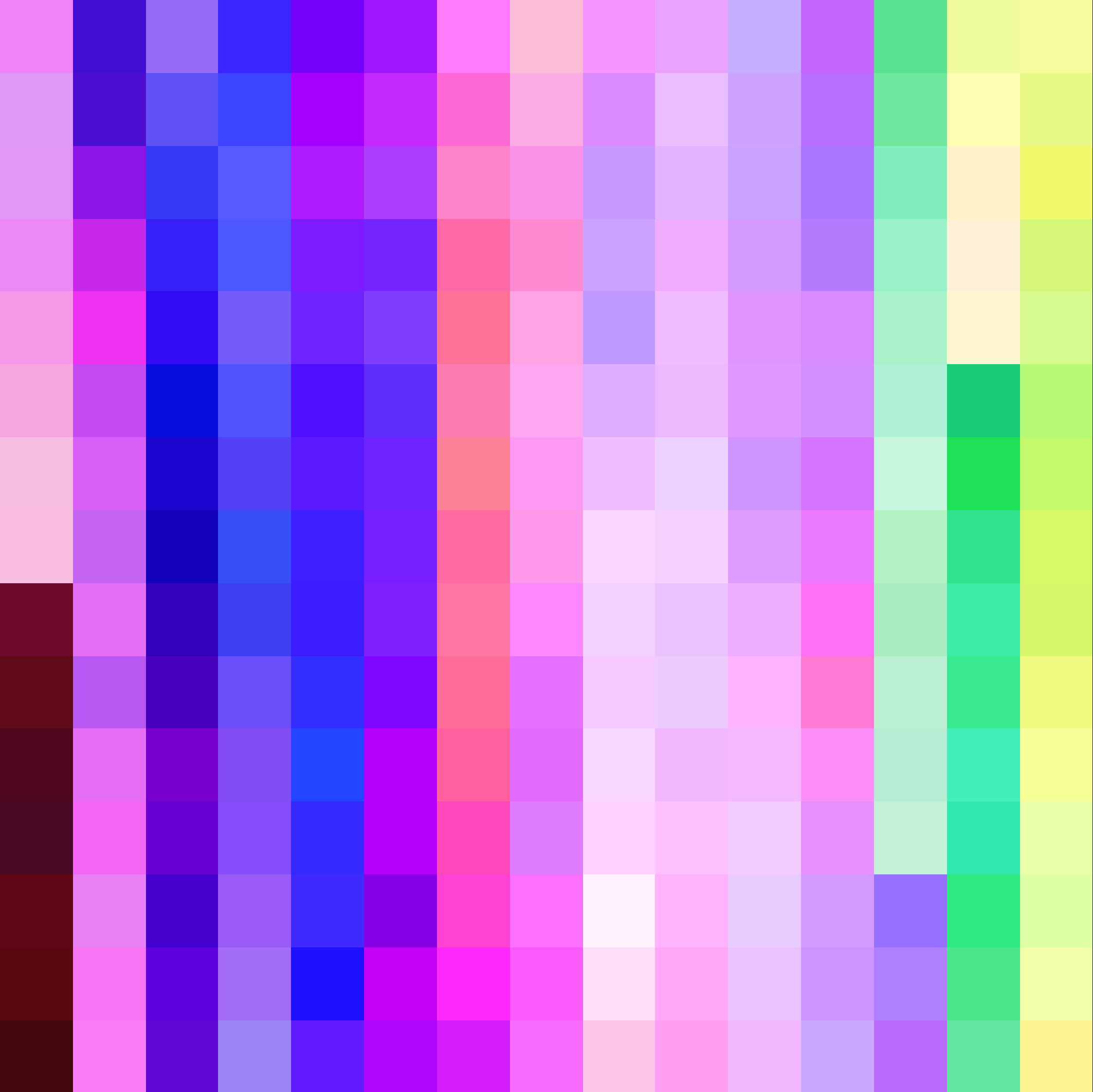
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly purple, but it also has quite some magenta, some indigo, some green, a bit of violet, a little bit of rose, a little bit of yellow, a little bit of blue, a tiny bit of red, a tiny bit of lime, and a tiny bit of orange in it.

Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly magenta, and it also has quite some indigo, quite some blue, a bit of purple, a little bit of violet, and a tiny bit of rose in it.

A grid of 36 blocks. It's mostly red, but it also has quite some orange, and a little bit of yellow in it.
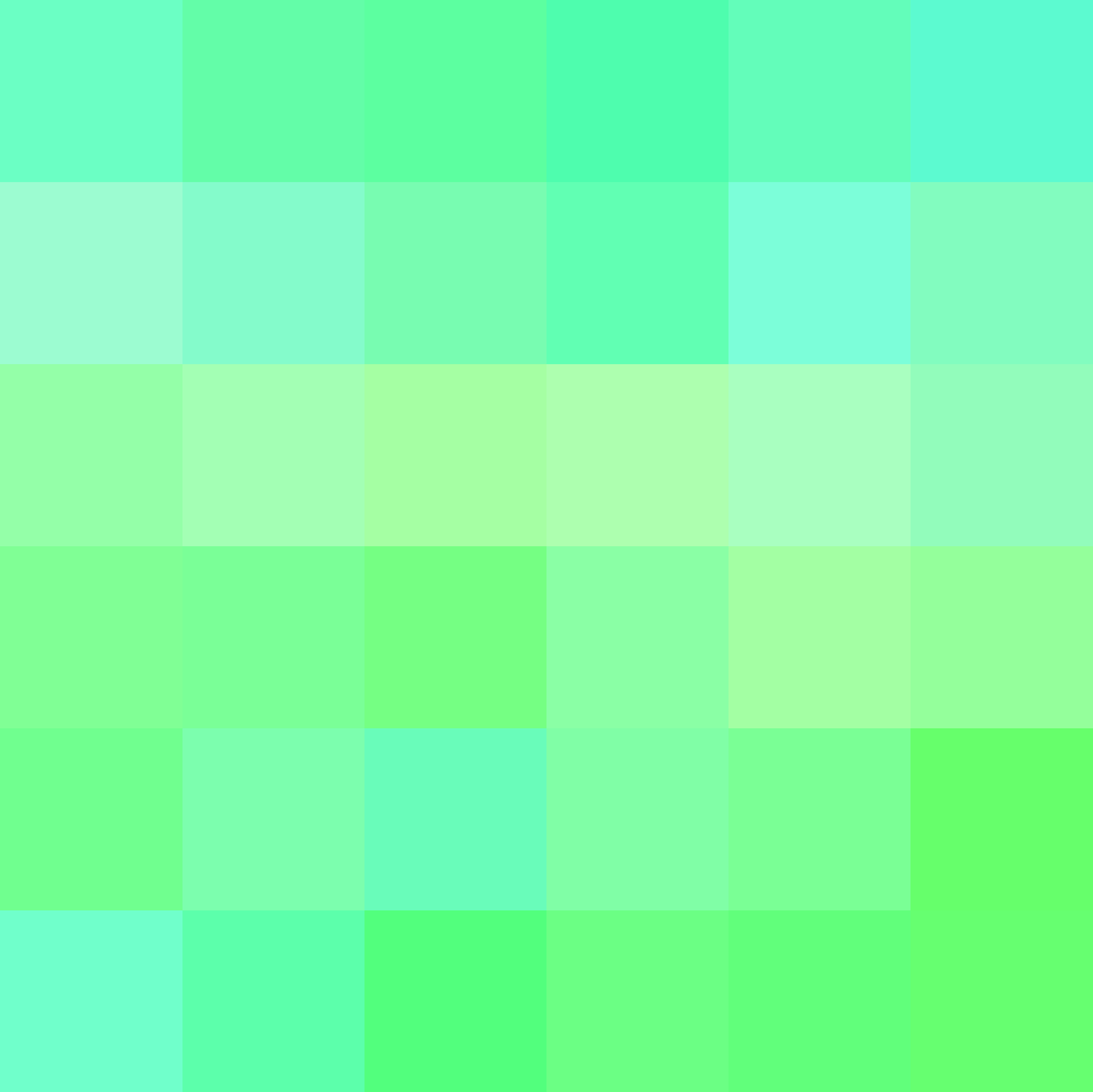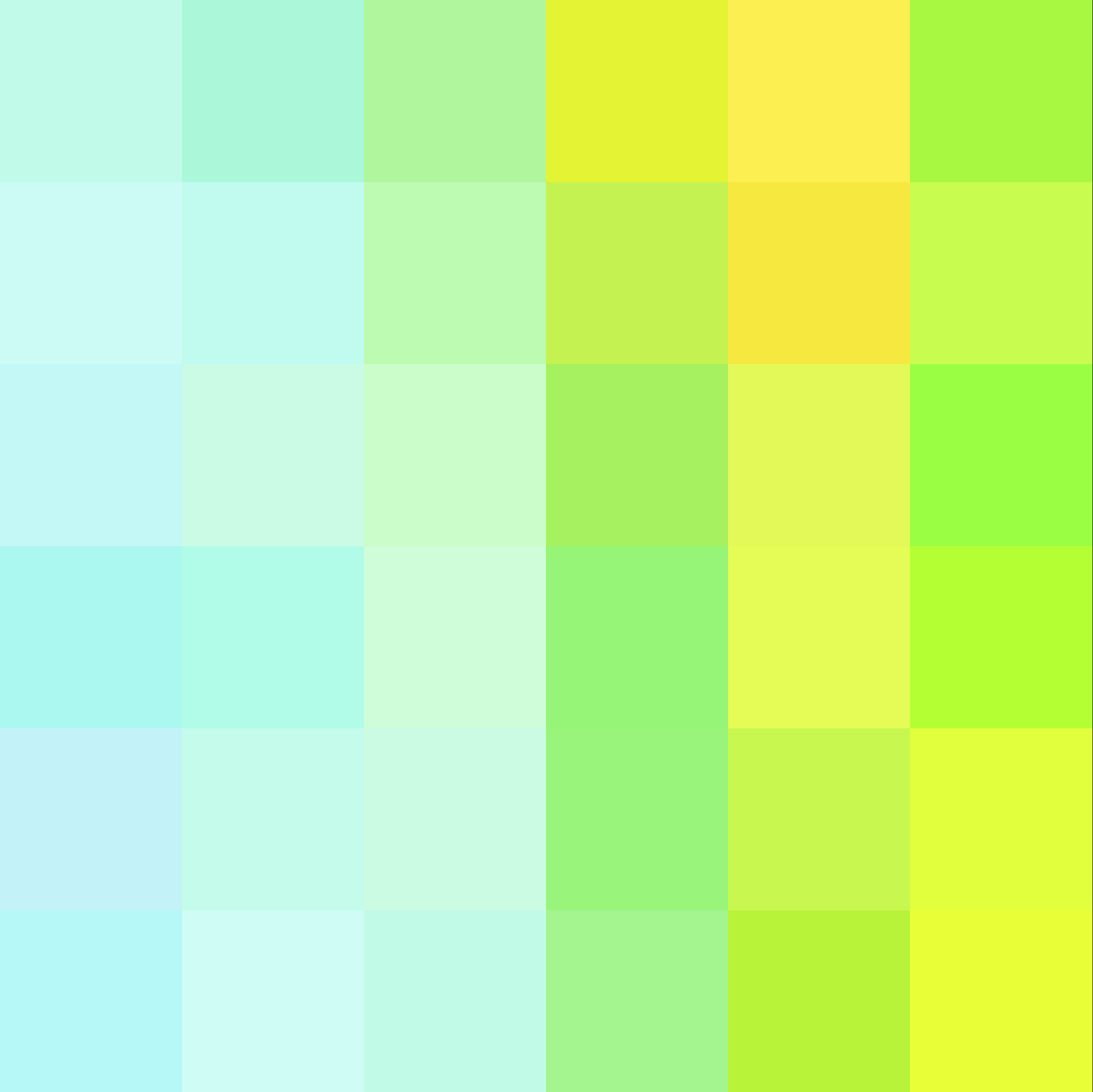
The two tone gradient in this 6 by 6 pixel grid is mostly green, but it also has a little bit of cyan in it.
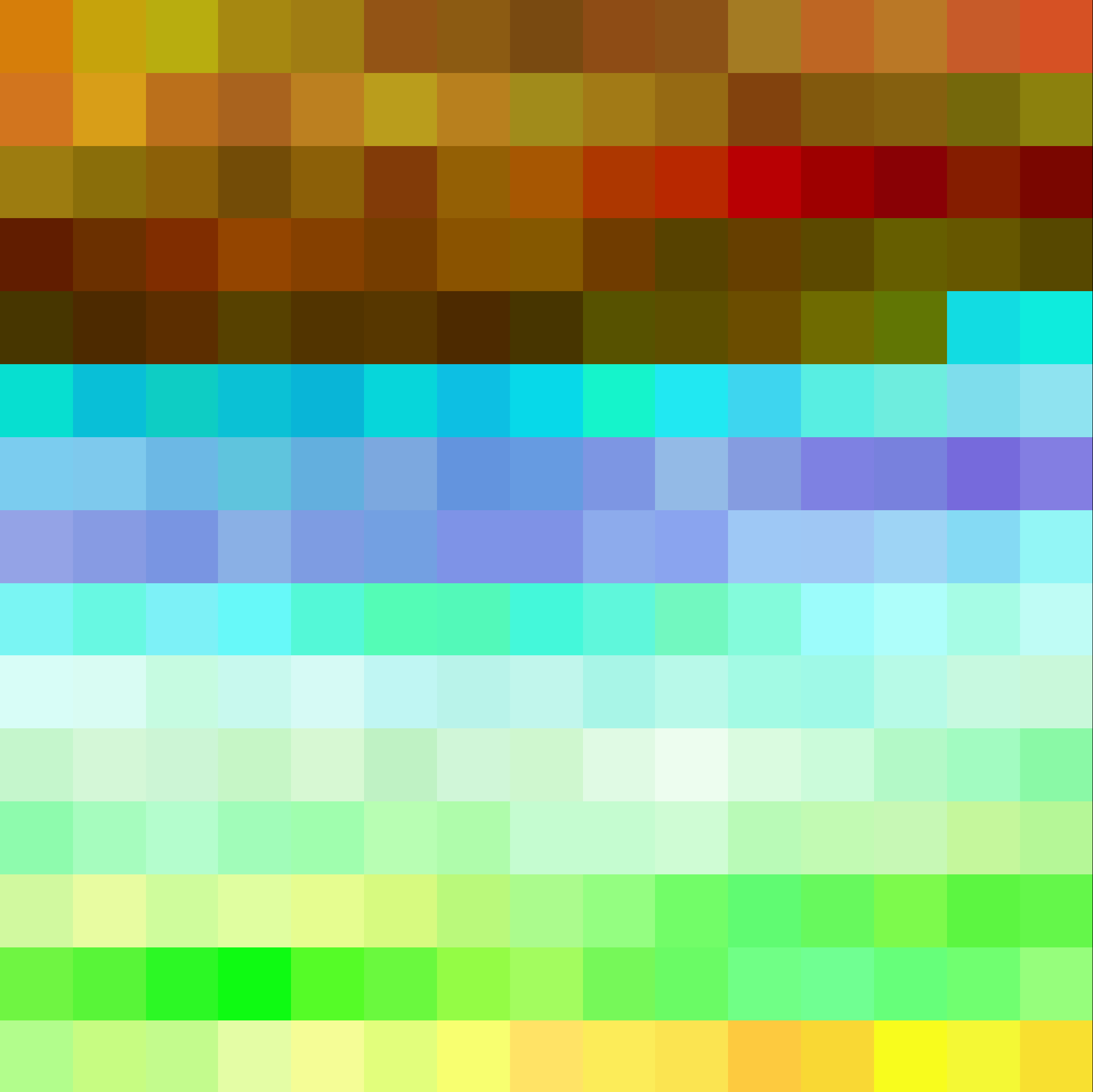
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some orange, some cyan, some yellow, some blue, a little bit of red, a little bit of lime, and a tiny bit of indigo in it.
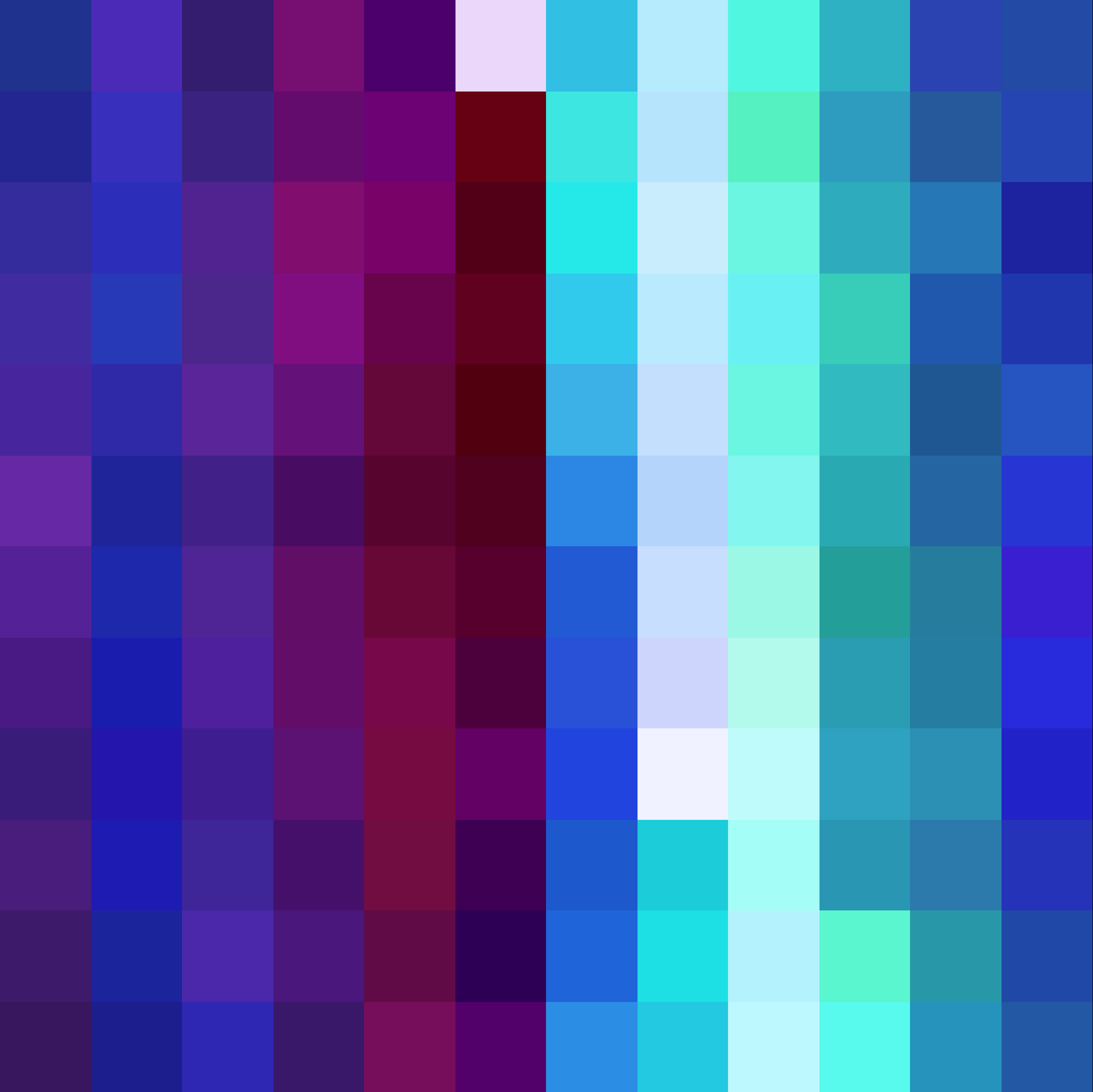
The gradient in this 7 by 7 pixel grid is mostly green, and it also has some yellow, a bit of lime, and a tiny bit of blue in it.
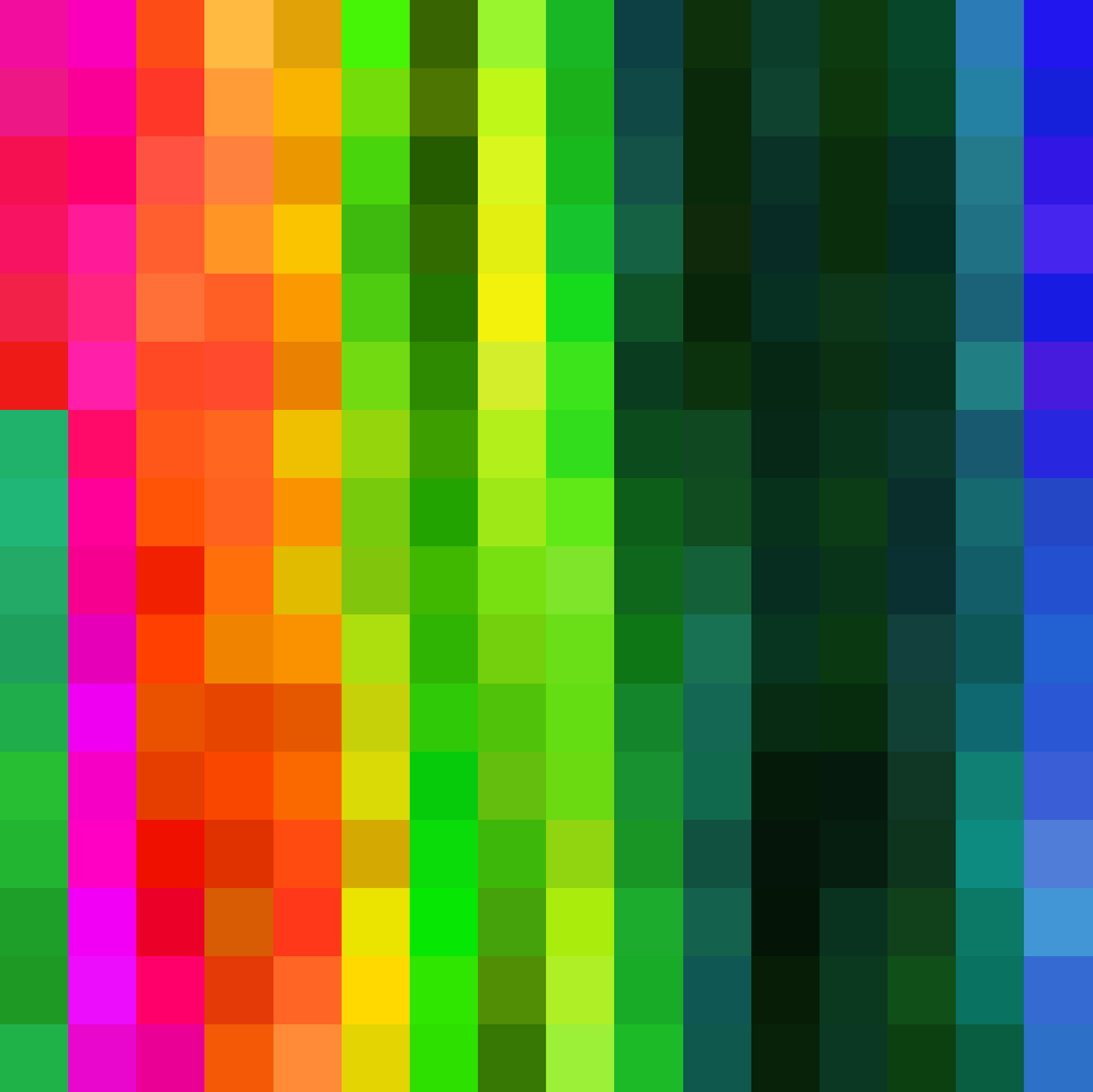
A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some cyan, some yellow, and some lime in it.
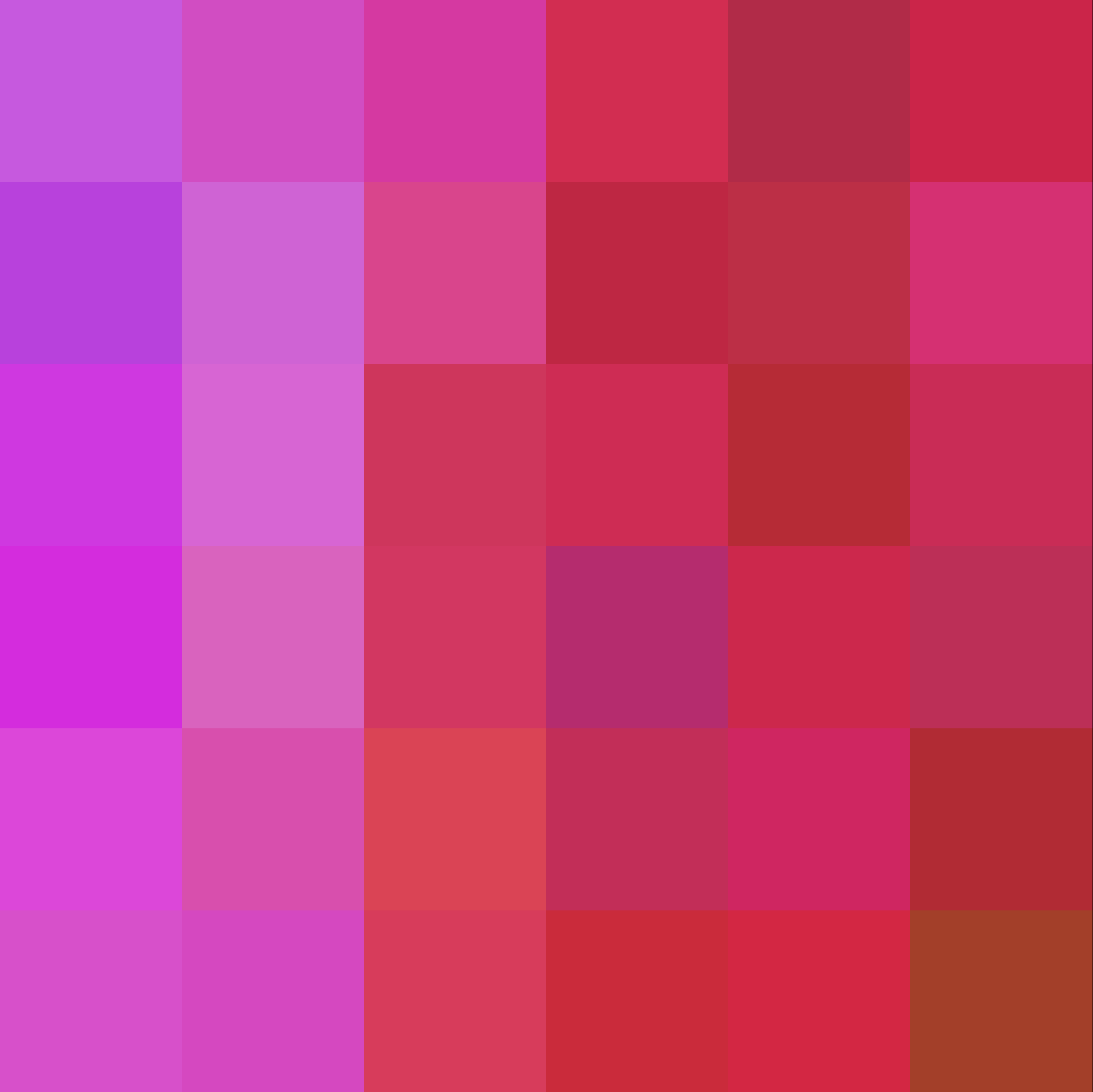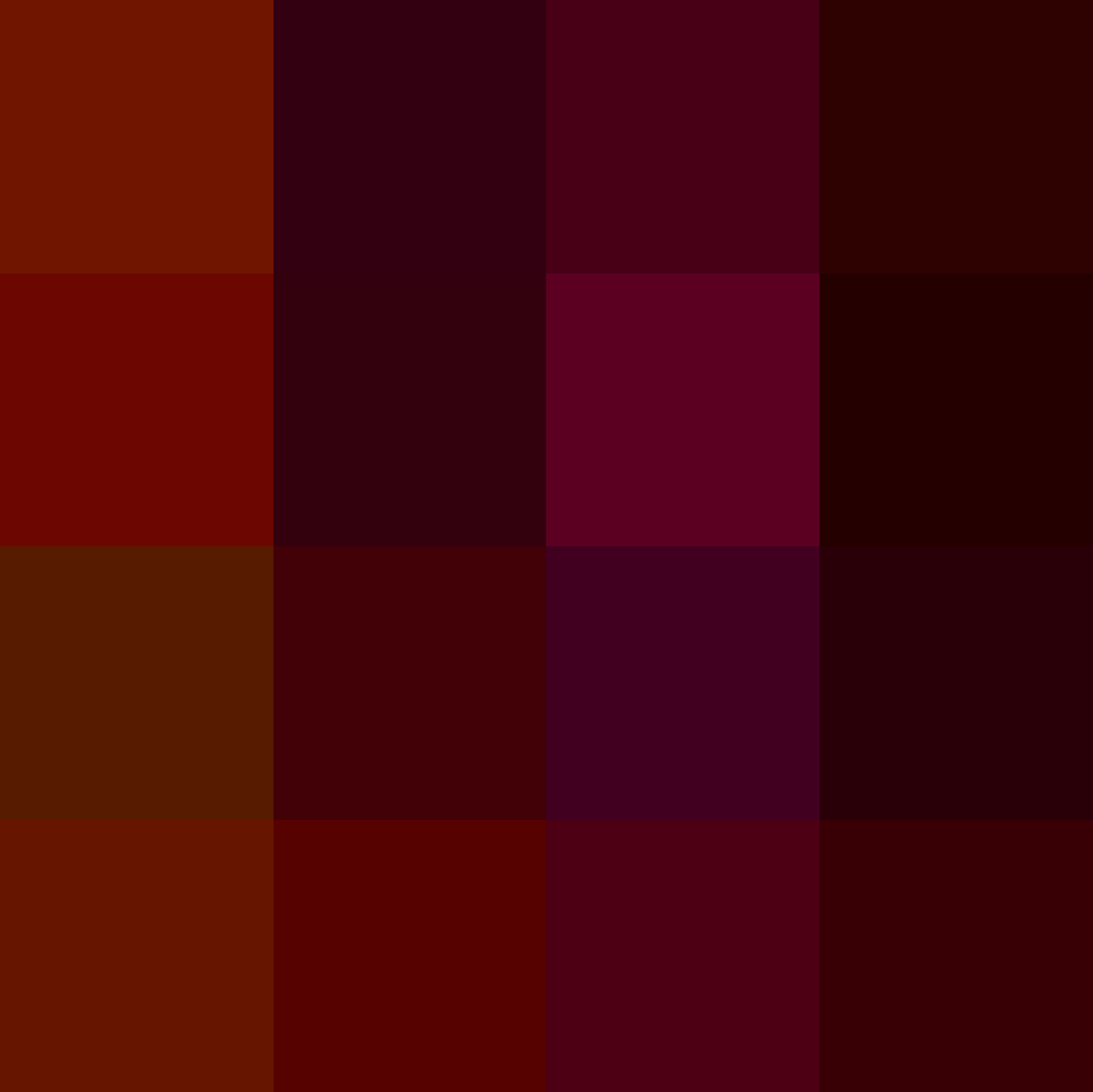
This gradient, generated in this 6 by 6 pixel grid, is mostly red, and it also has quite some magenta, quite some rose, and a little bit of purple in it.

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

A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has a little bit of orange in it.
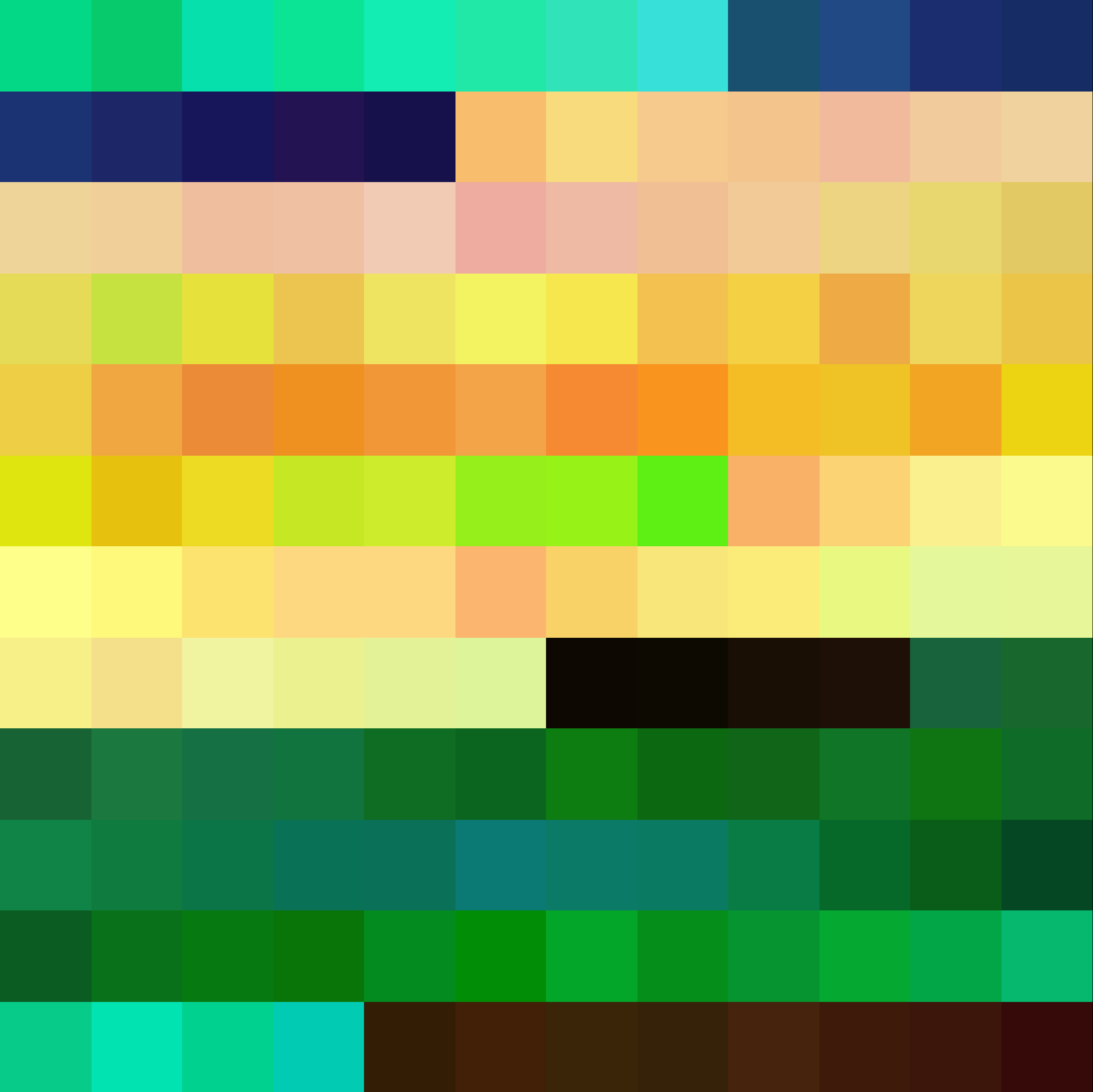
The very, very colourful gradient in this 11 by 11 pixel grid is mostly red, and it also has quite some rose, some orange, a bit of yellow, a little bit of magenta, a little bit of blue, a little bit of violet, a tiny bit of indigo, and a tiny bit of purple in it.

Here's a 16 by 16 pixelated grid that forms a colourful gradient. It is mostly red, but it also has quite some orange, some yellow, a little bit of lime, and a little bit of green in it.

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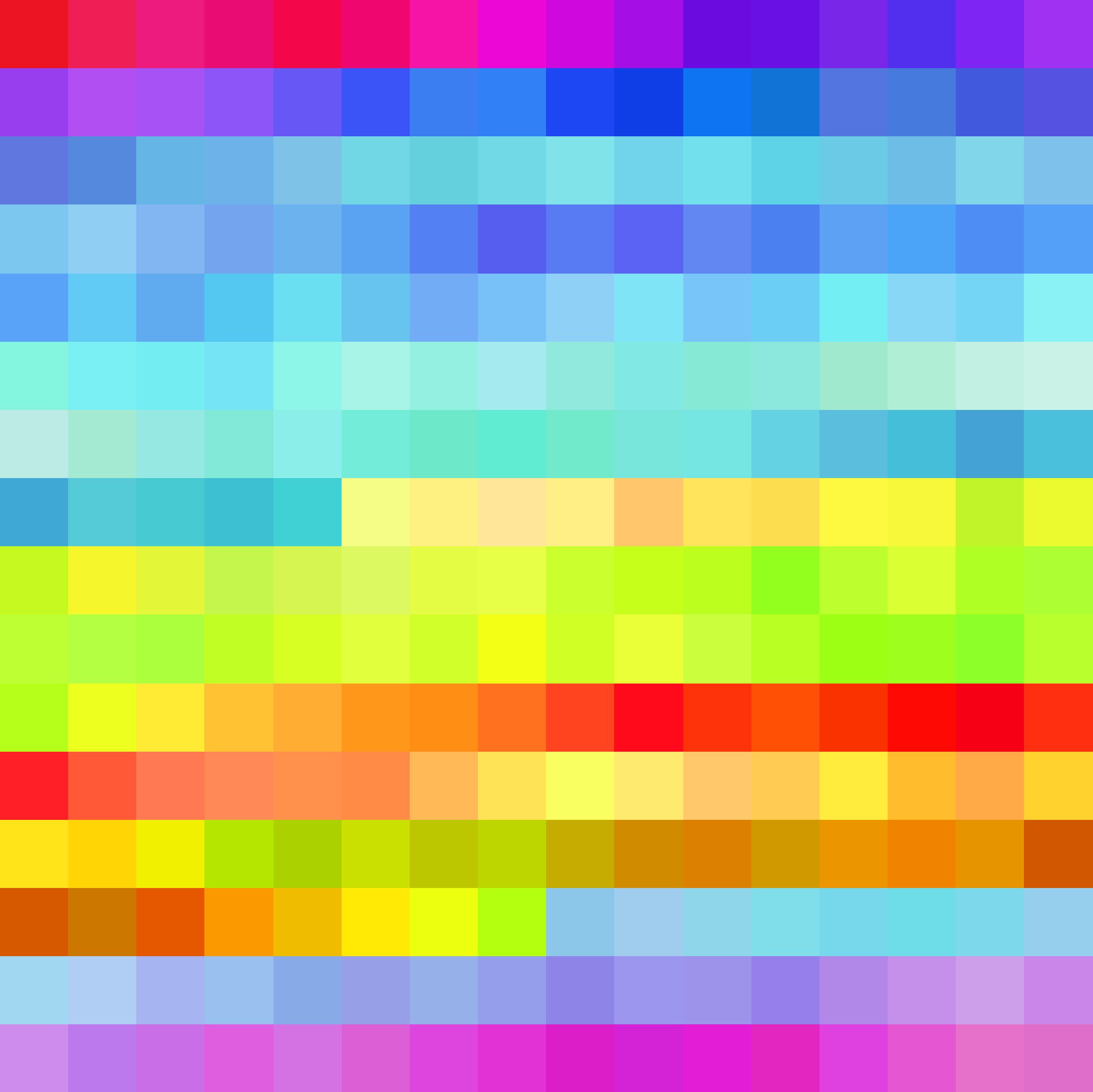
There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly green, and it also has quite some orange, quite some yellow, a bit of cyan, a little bit of blue, a tiny bit of indigo, a tiny bit of red, and a tiny bit of lime in it.
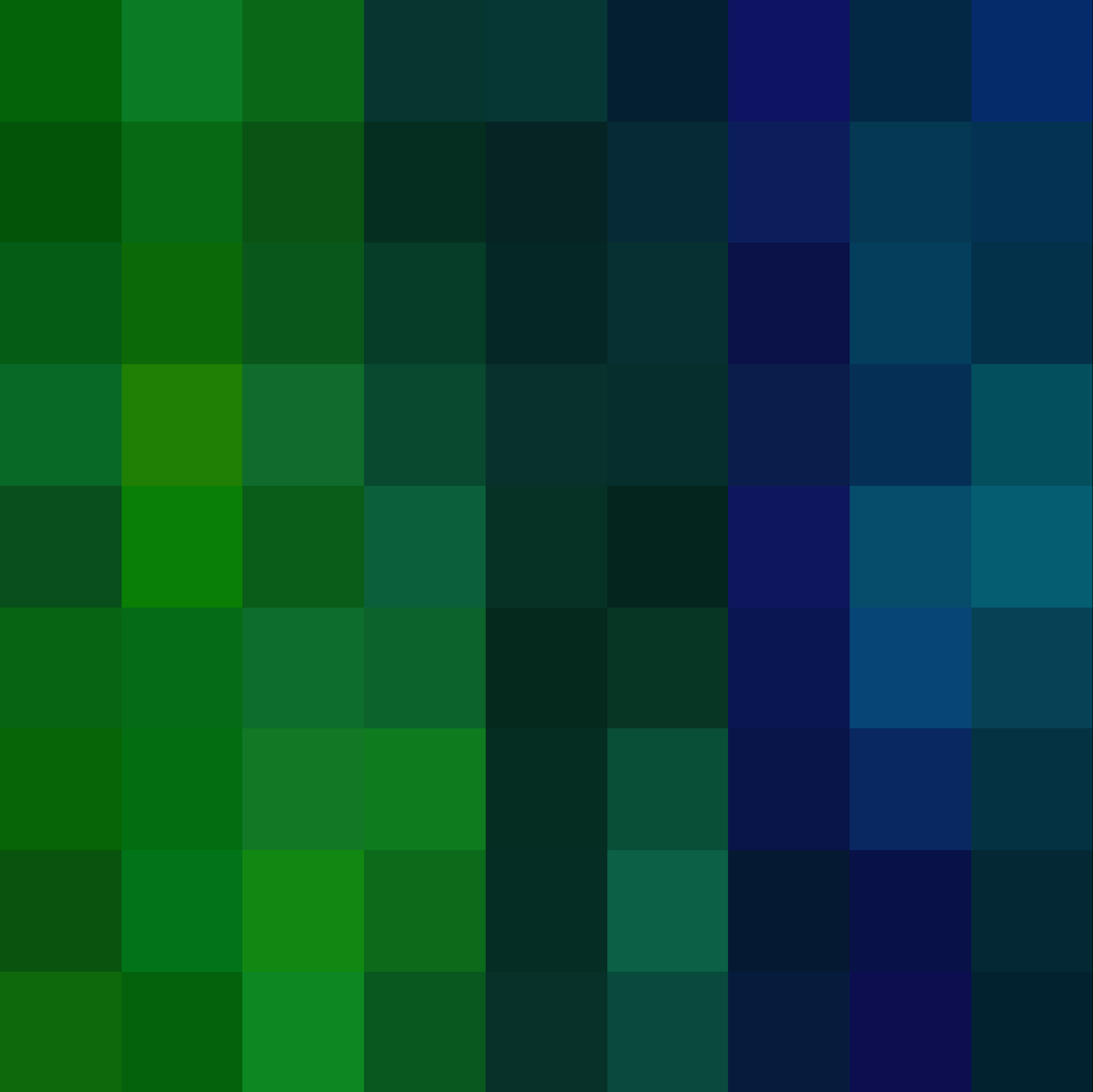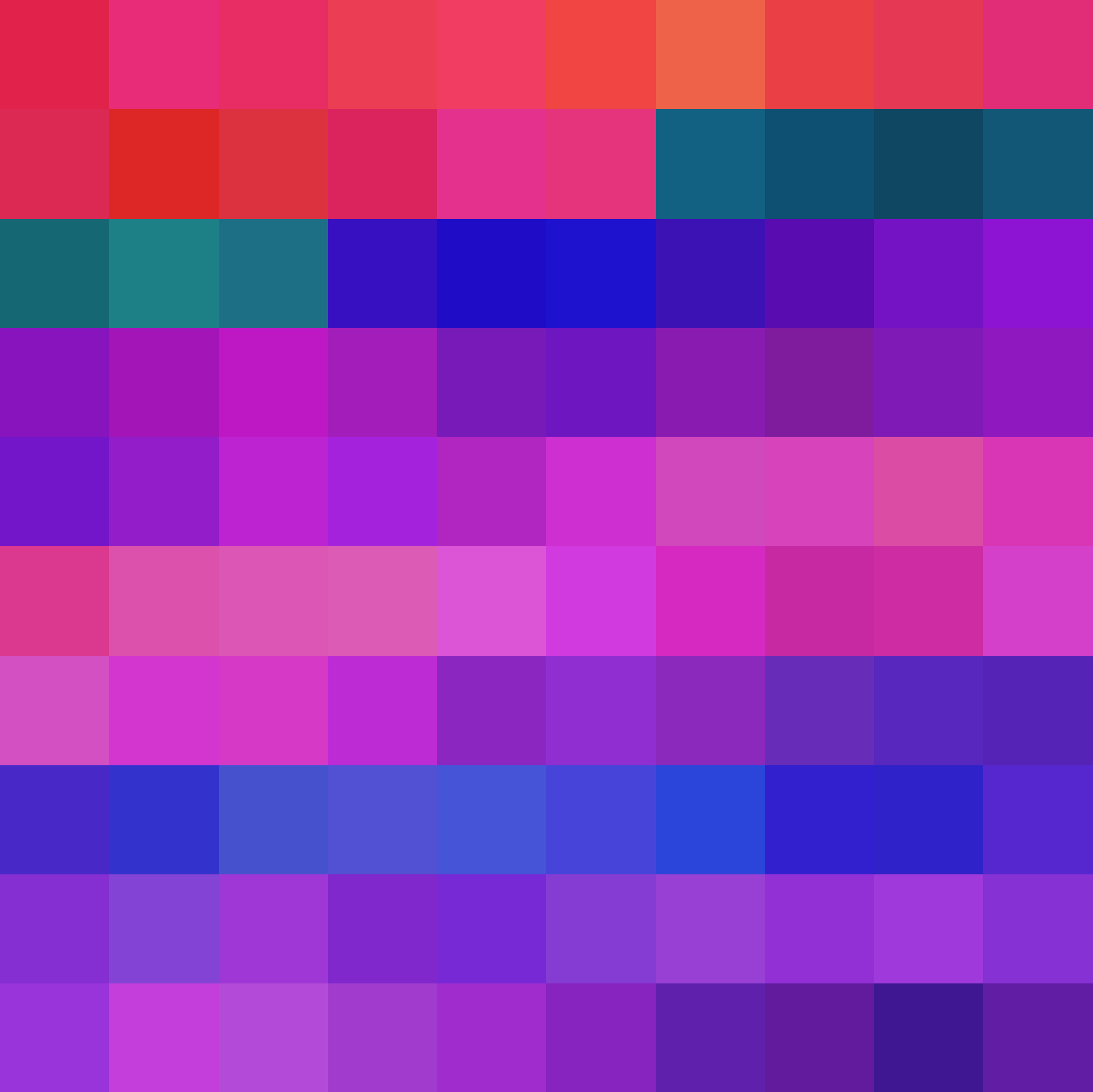
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some blue, and some cyan in it.

The gradient in this 5 by 5 pixel grid is mostly yellow, and it also has quite some green, quite some lime, and some orange in it.

There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly blue, but it also has some cyan, some yellow, some orange, a bit of lime, a little bit of magenta, a little bit of green, a little bit of red, a little bit of purple, a little bit of indigo, a tiny bit of violet, and a tiny bit of rose in it.
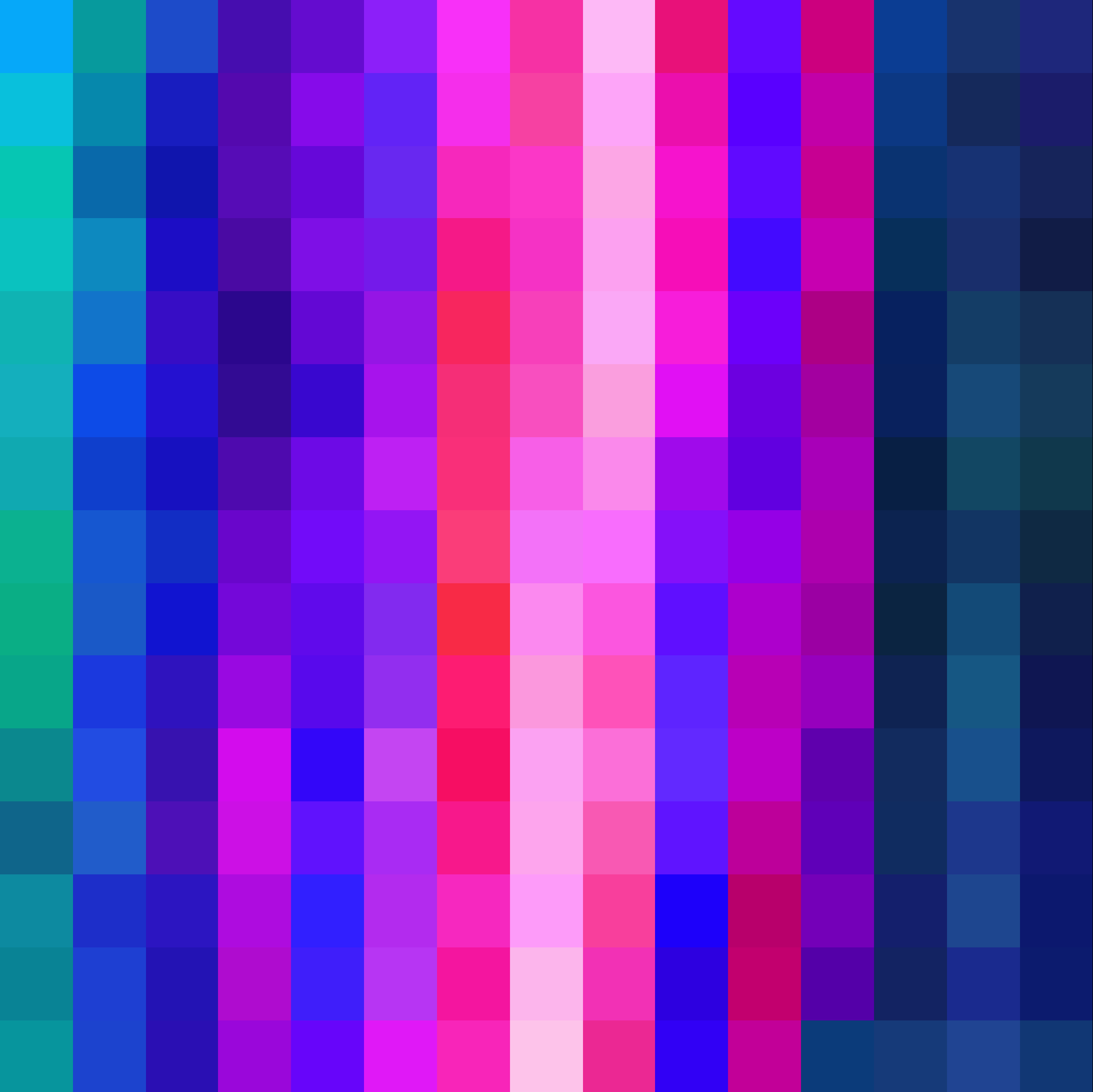
The cells in this 10 by 10 pixel grid form a very, very colourful gradient. It is mostly purple, and it also has quite some magenta, some indigo, a bit of red, a bit of rose, a bit of blue, a bit of violet, and a little bit of cyan in it.
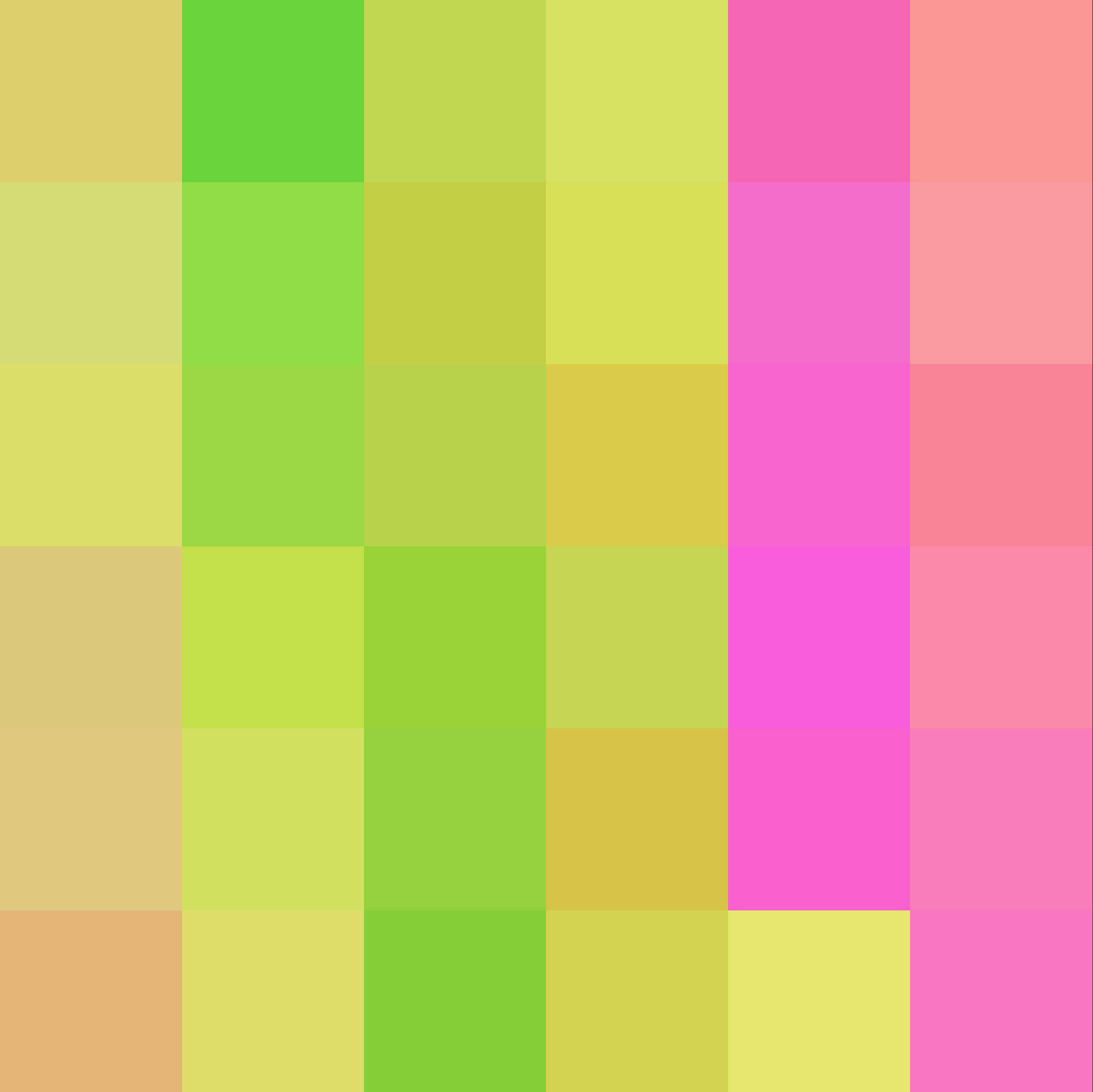
There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly magenta, and it also has some rose, some purple, a bit of indigo, a bit of violet, a little bit of blue, and a little bit of red in it.
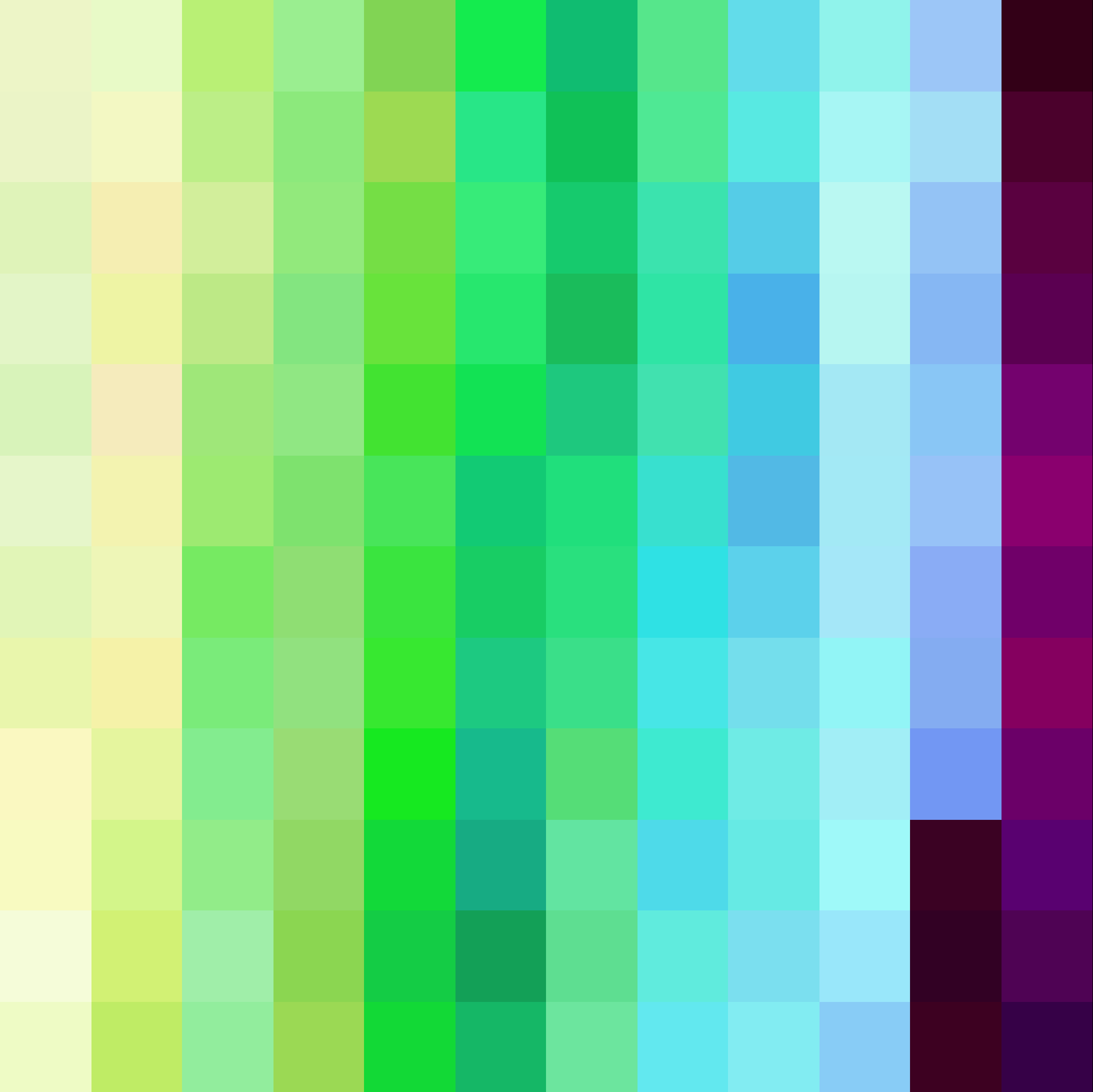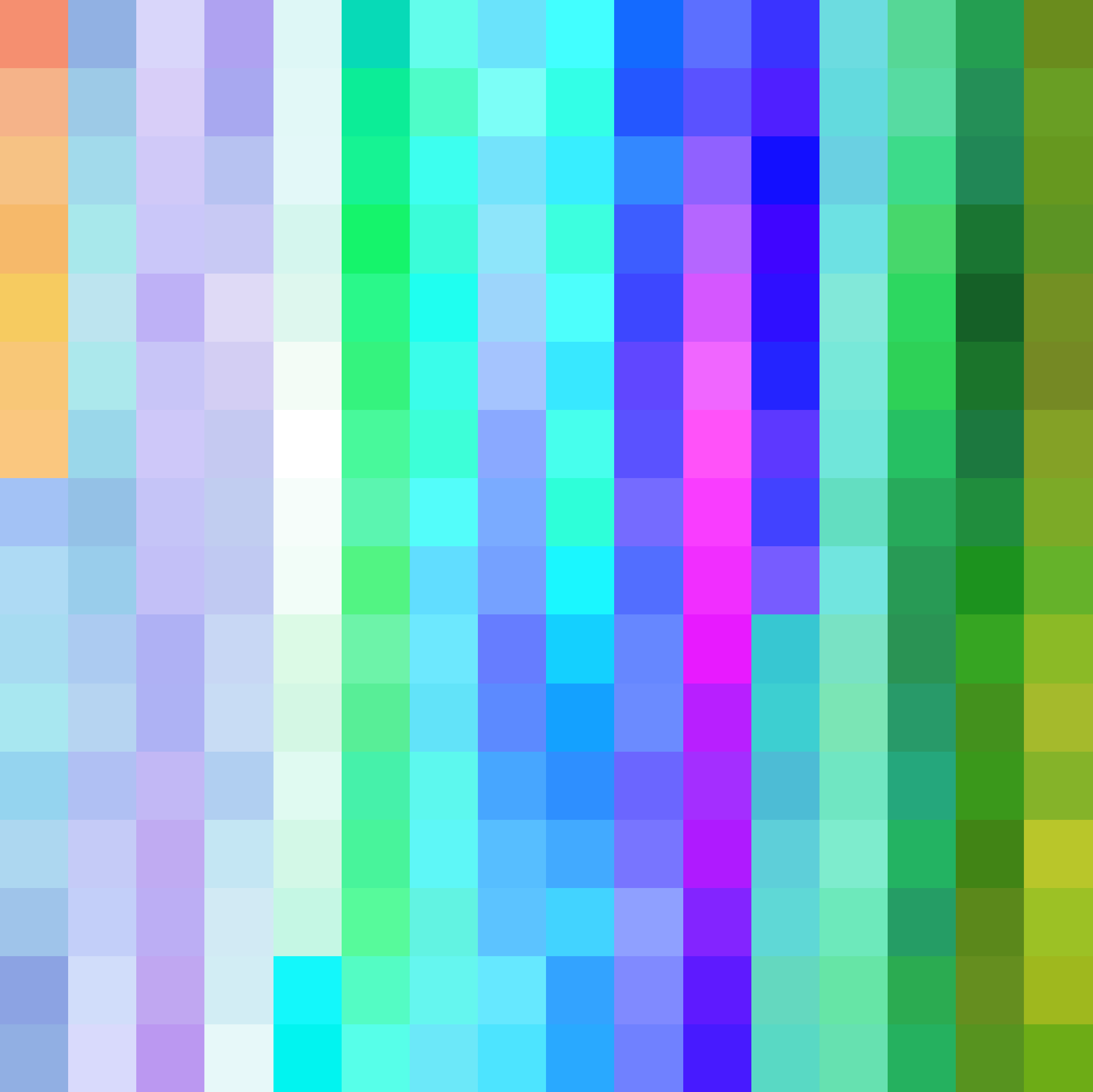
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, a bit of blue, a bit of magenta, a bit of yellow, a little bit of lime, a tiny bit of rose, and a tiny bit of purple in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly blue, and it also has quite some magenta, some indigo, some violet, a bit of purple, a bit of cyan, a little bit of rose, and a tiny bit of red in it.

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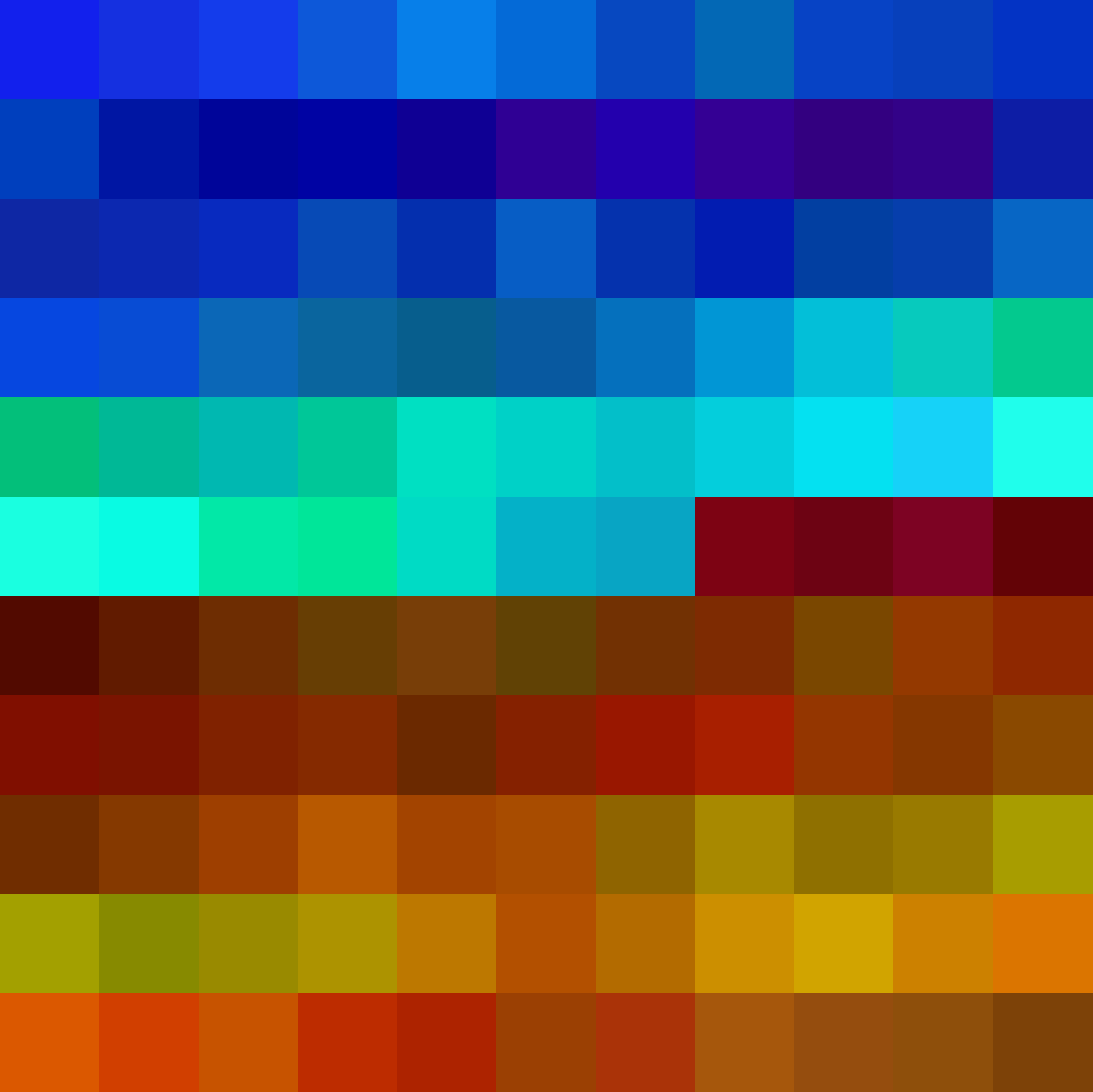
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some blue, quite some cyan, some indigo, a tiny bit of orange, a tiny bit of lime, a tiny bit of purple, a tiny bit of magenta, a tiny bit of yellow,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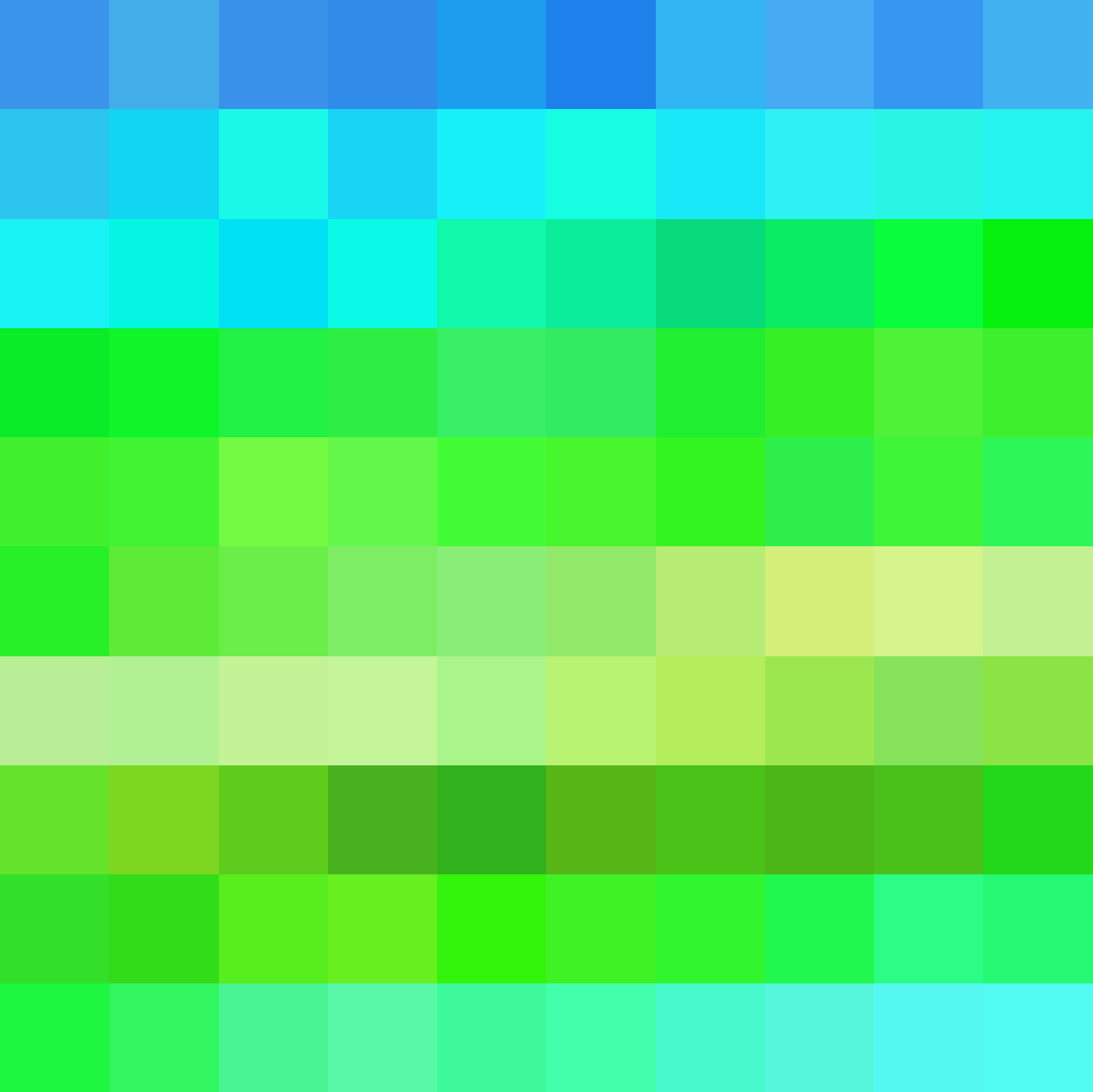
This gradient, generated in this 10 by 10 pixel grid, is mostly green, and it also has some cyan, a bit of blue, and a tiny bit of lime in it.

This colourful gradient, generated in this 7 by 7 pixel grid, is mostly orange, but it also has quite some green, quite some yellow, a bit of red, and a tiny bit of lime in it.

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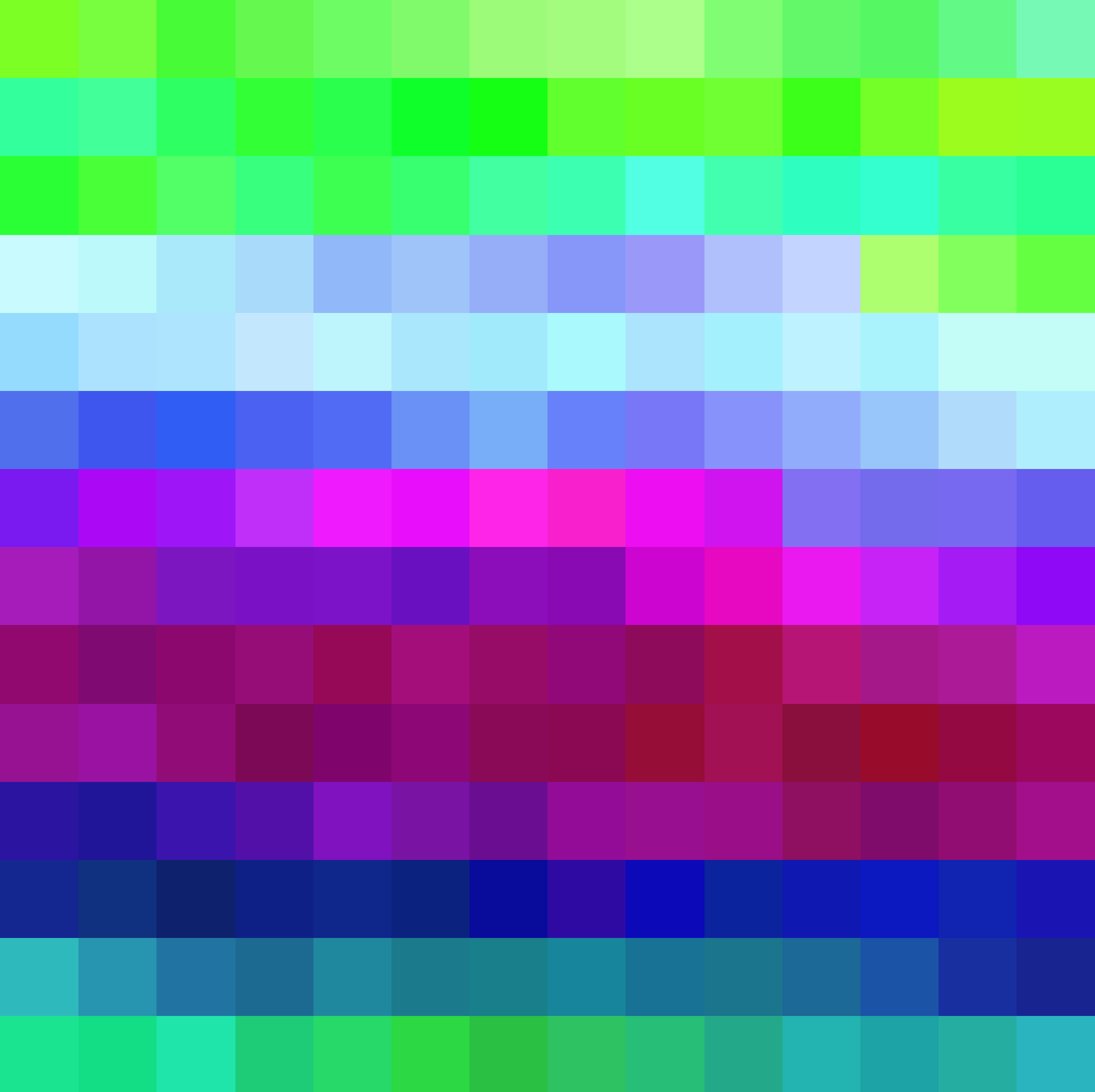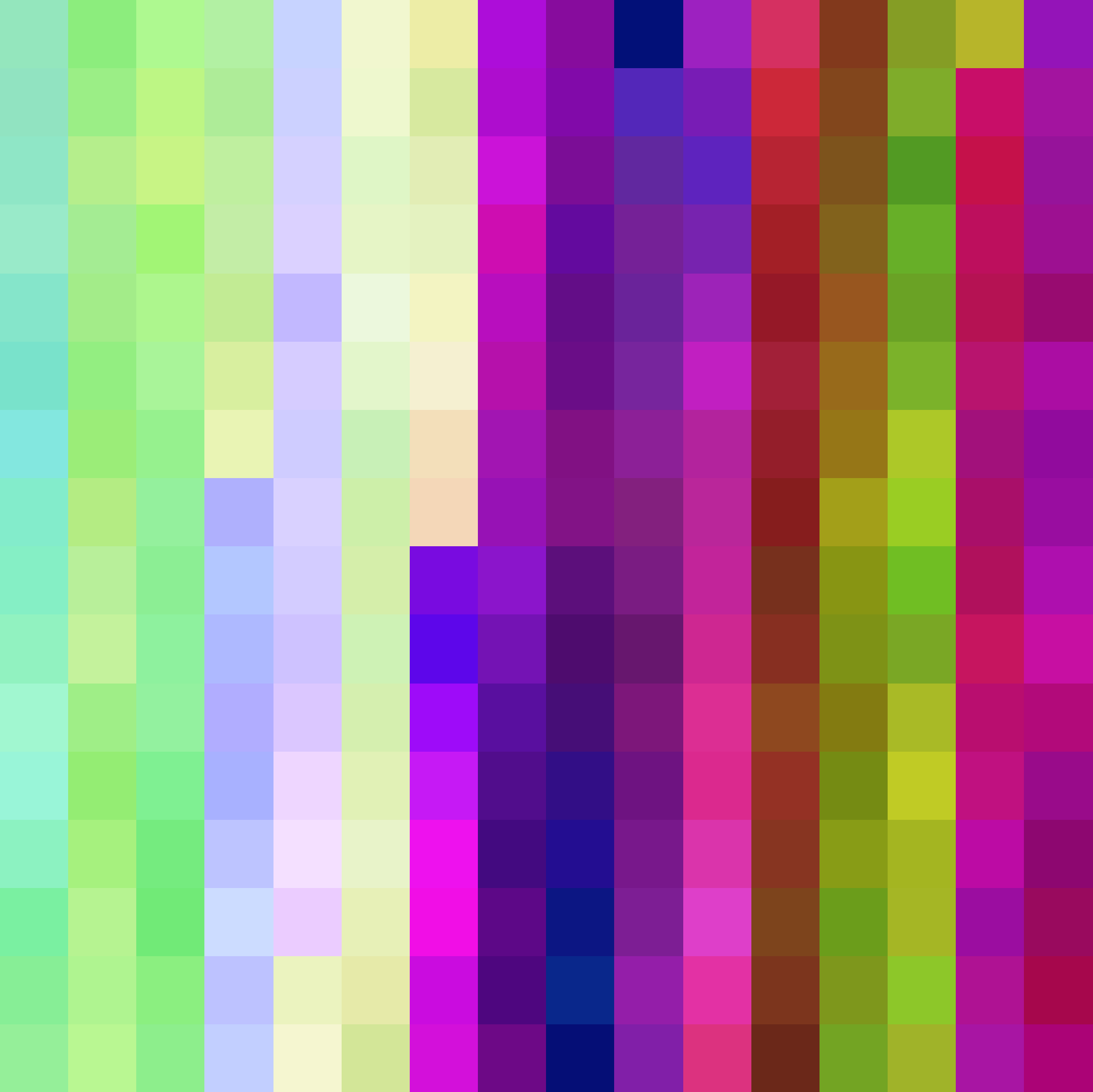
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some blue, some magenta, some cyan, a bit of purple, a little bit of indigo, a little bit of rose, a tiny bit of violet, and a tiny bit of red in it.

A colourful grid of 64 blocks. It's mostly green, and it also has a lot of magenta, a little bit of yellow, a little bit of rose, and a tiny bit of lime in it.
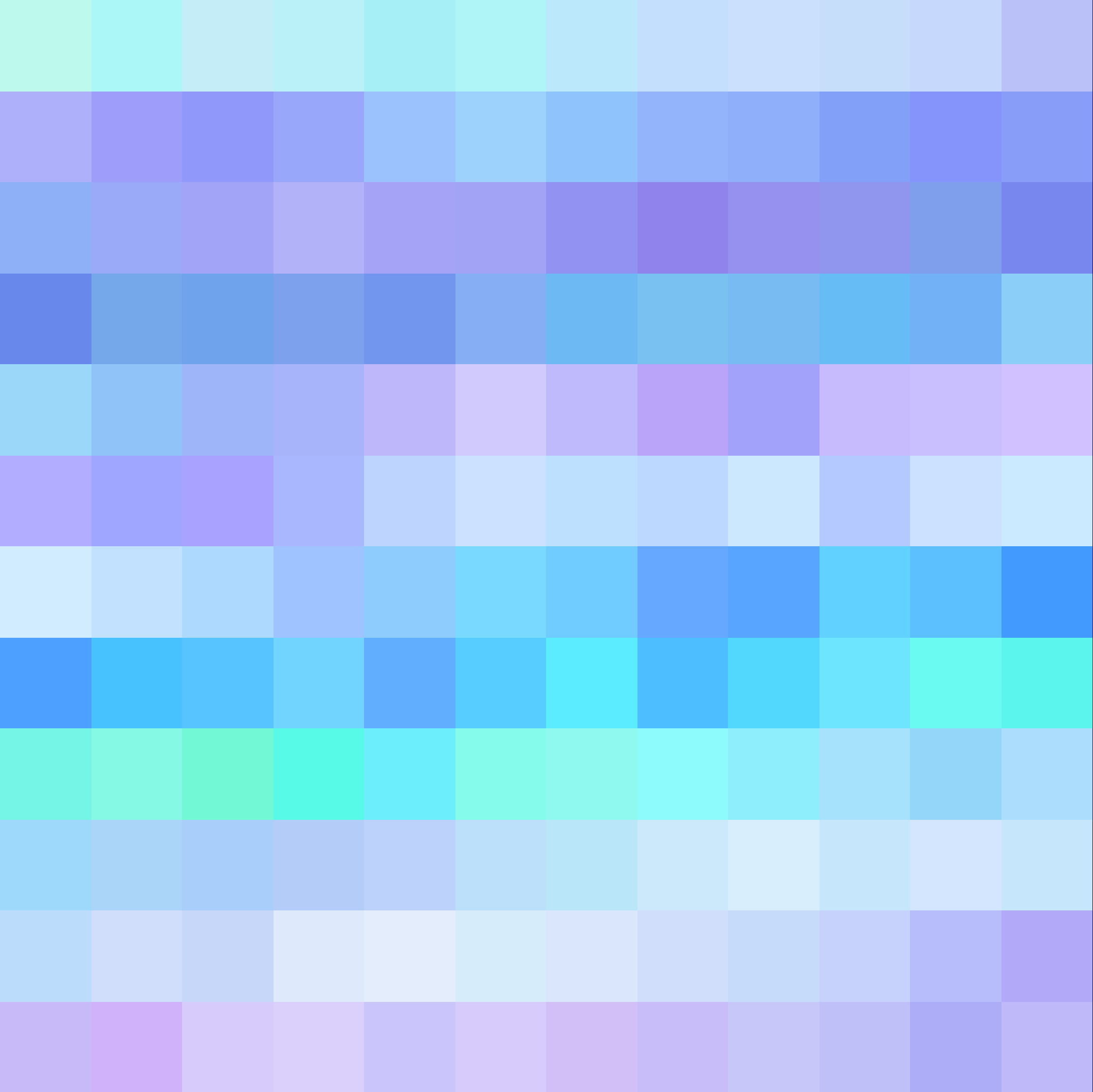
The very, very colourful gradient in this 15 by 15 pixel grid is mostly indigo, and it also has quite some blue, some purple, some magenta, a bit of violet, a bit of cyan, a tiny bit of rose, and a tiny bit of red in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some magenta, some purple, a bit of yellow, a little bit of blue, a little bit of lime, a little bit of red, a little bit of indigo, a little bit of orange, a little bit of rose, a tiny bit of violet, and a tiny bit of cyan in it.
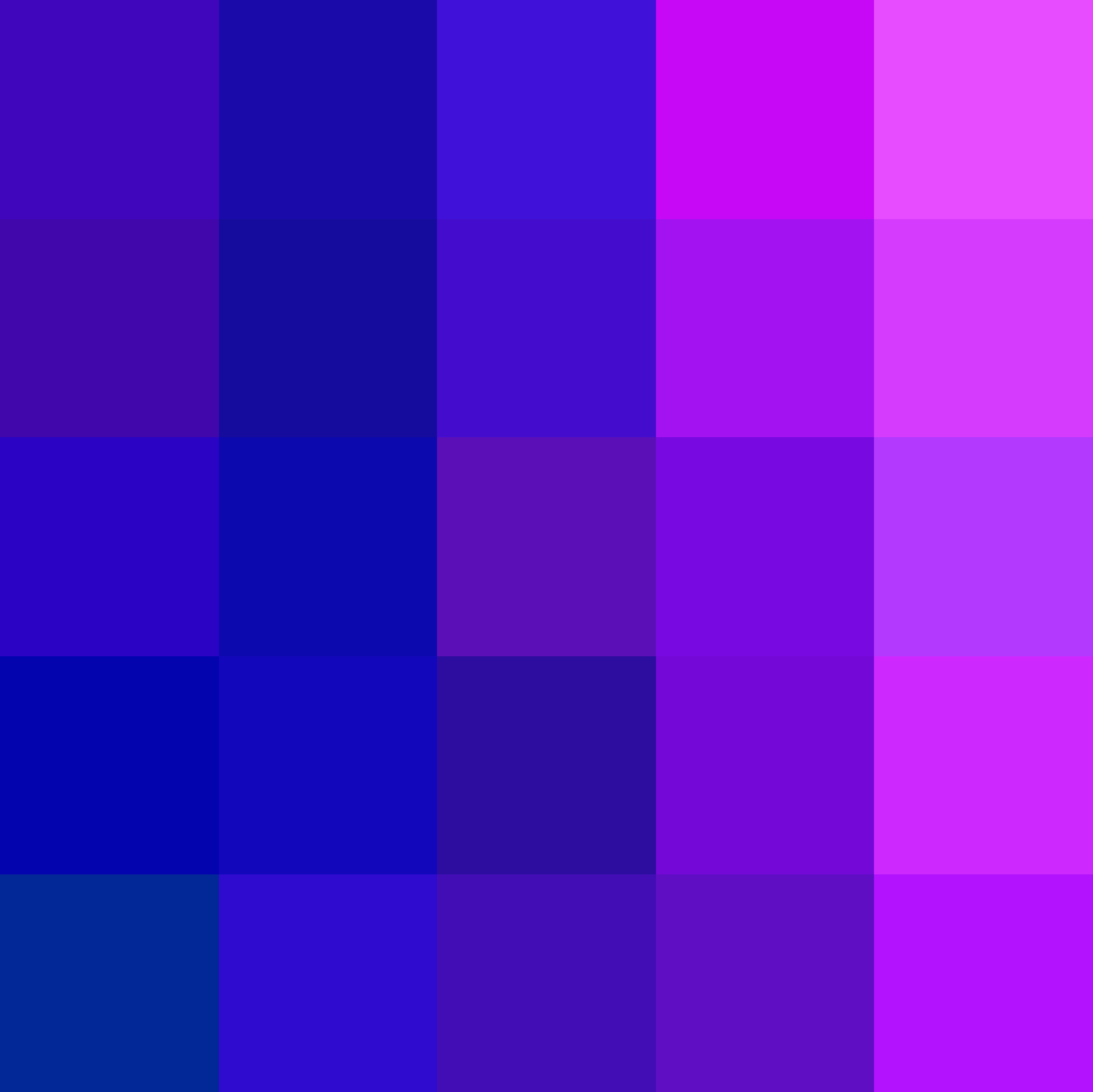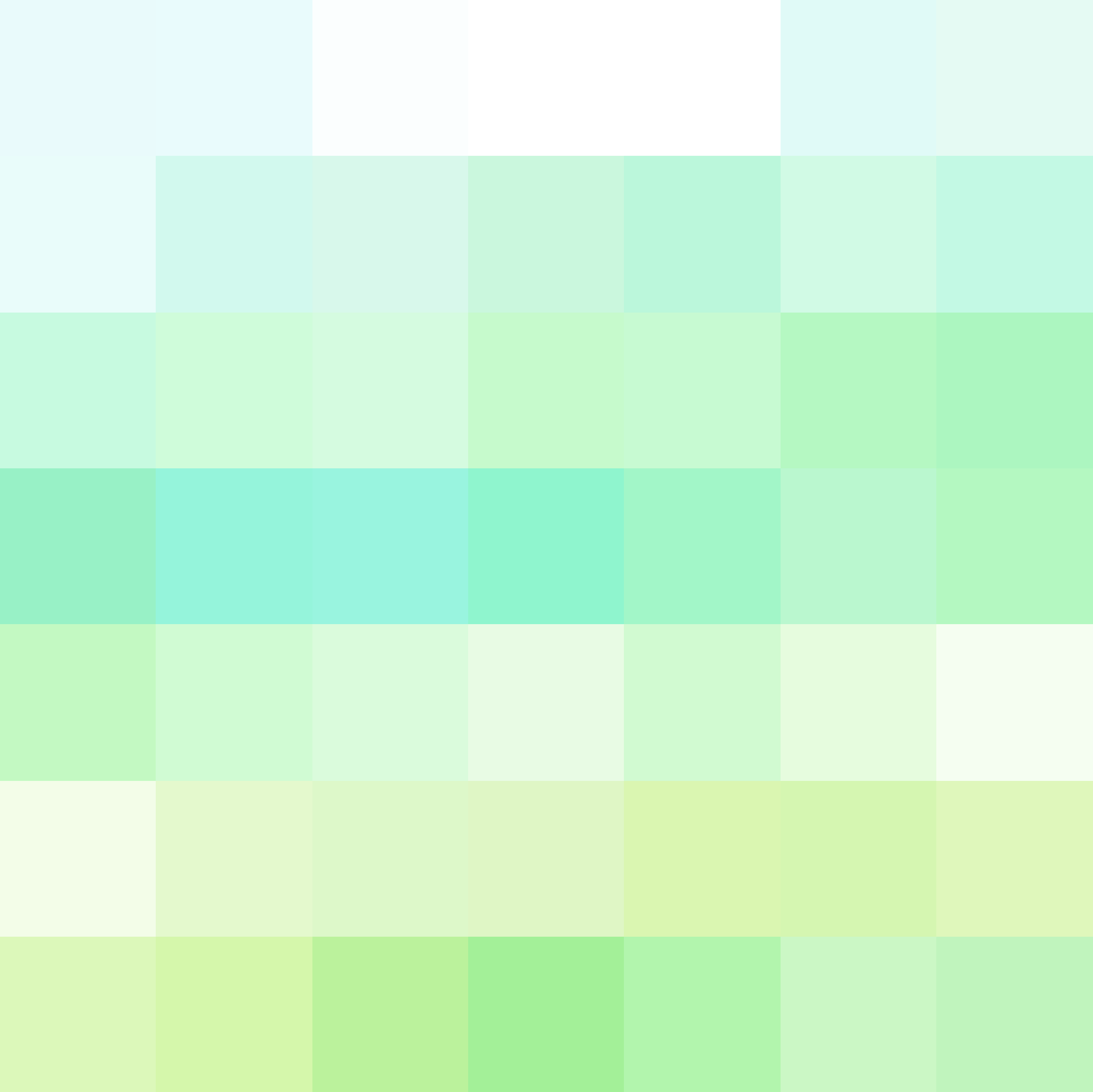
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly indigo, and it also has quite some purple, some violet, a bit of blue, and a little bit of magenta in it.

Here's a 12 by 12 pixelated grid that forms a gradient. It is mostly blue, but it also has some indigo, some cyan, and a tiny bit of violet in it.

The very, very colourful gradient in this 10 by 10 pixel grid is mostly purple, and it also has some rose, some magenta, some green, some red, a bit of yellow, a bit of orange, a little bit of violet, a little bit of lime, and a tiny bit of indigo in it.
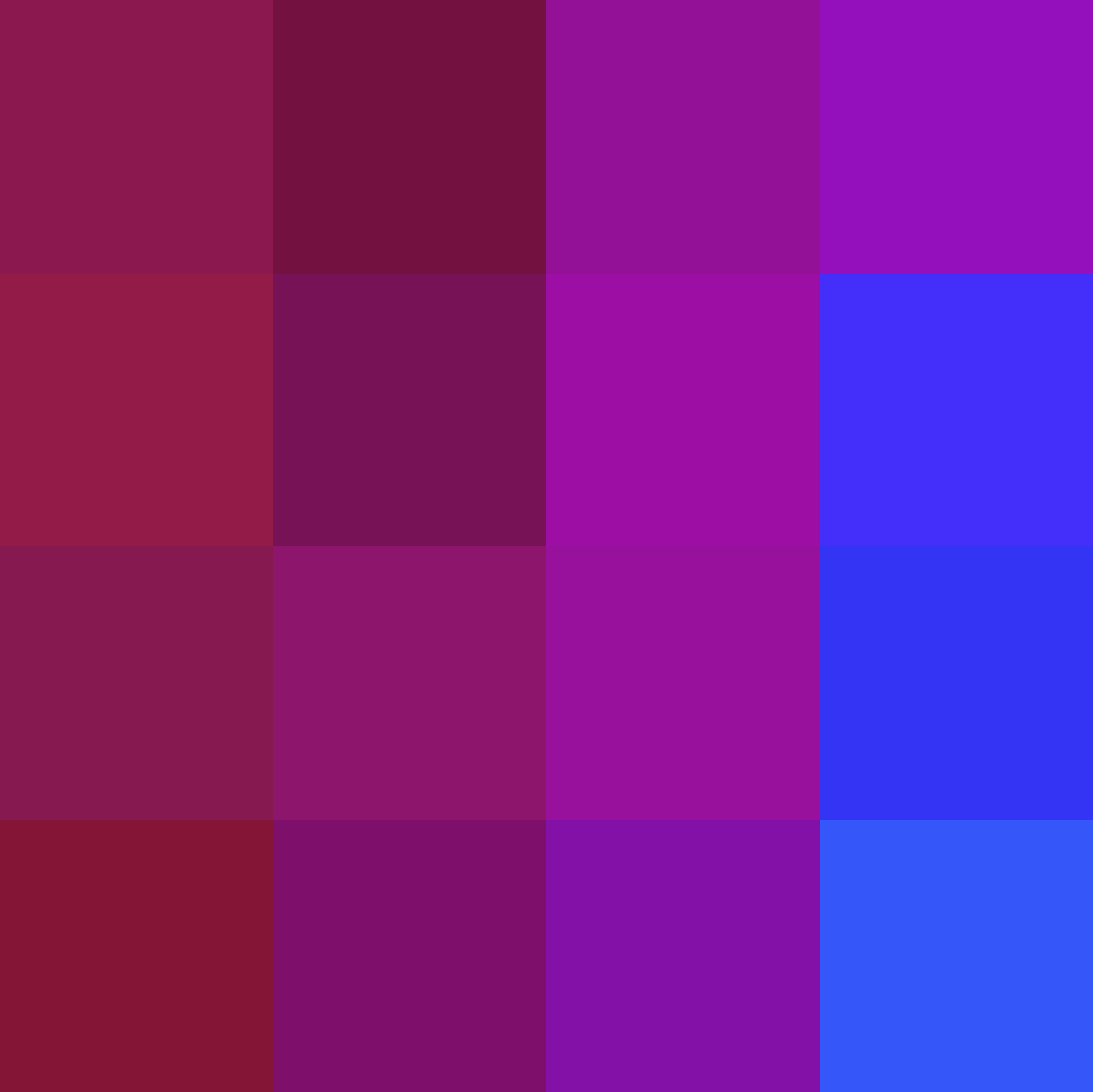
A 7 by 7 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has some cyan in it.

A very, very colourful grid of 196 blocks. It's mostly green, and it also has quite some blue, some cyan, some orange, a bit of yellow, a tiny bit of red, a tiny bit of indigo, and a tiny bit of lime in it.

A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some lime, quite some yellow, and a bit of orange in it.

A colourful grid of 16 blocks. It's mostly magenta, but it also has quite some rose, some purple, some blue, and a little bit of indigo in it.

A very, very colourful grid of 121 blocks. It's mostly magenta, but it also has some yellow, some rose, some orange, a bit of lime, a bit of green, a little bit of red, and a little bit of purple in it.

A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has some rose, some red, some purple, a tiny bit of orange, and a tiny bit of violet in it.
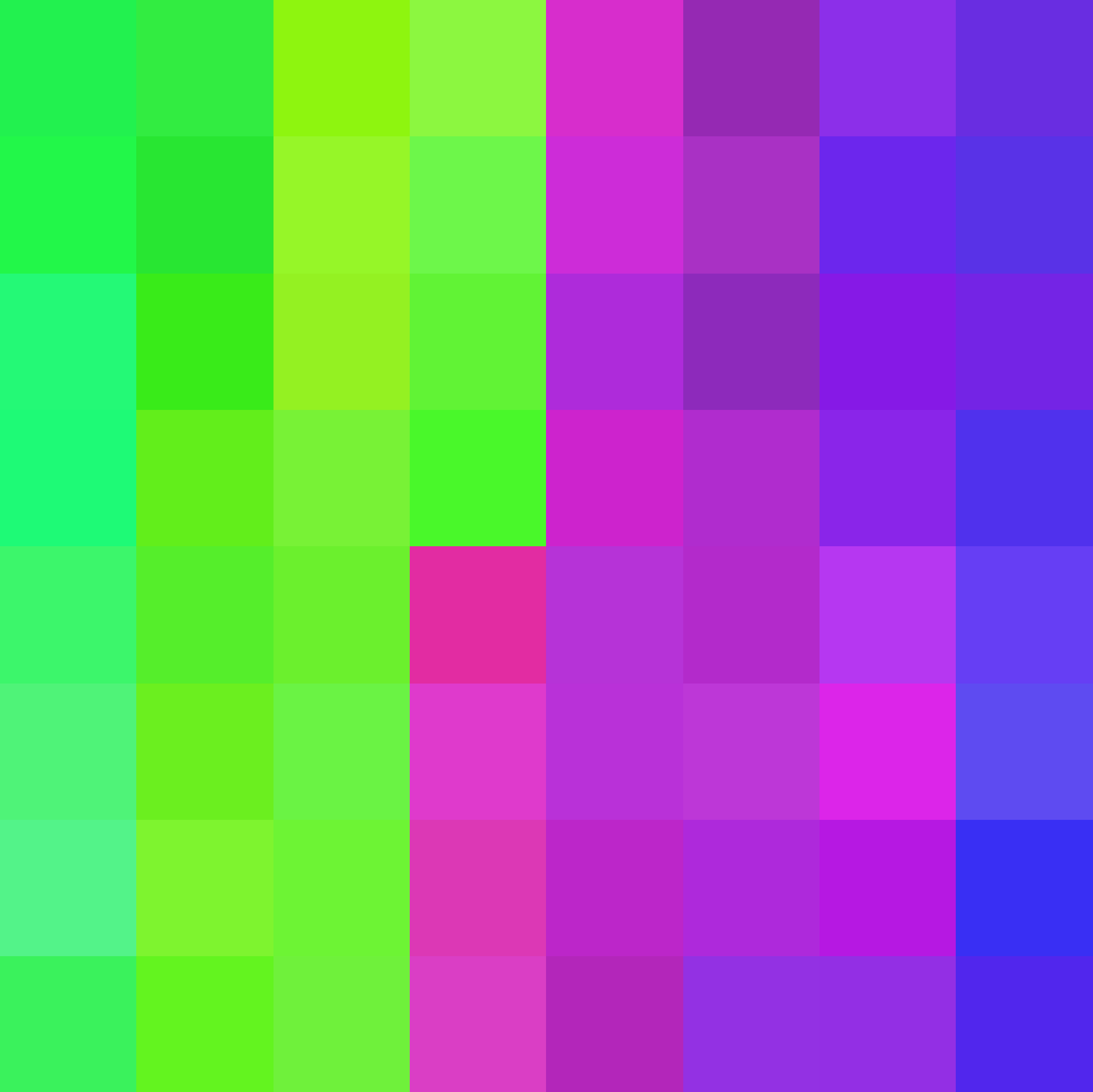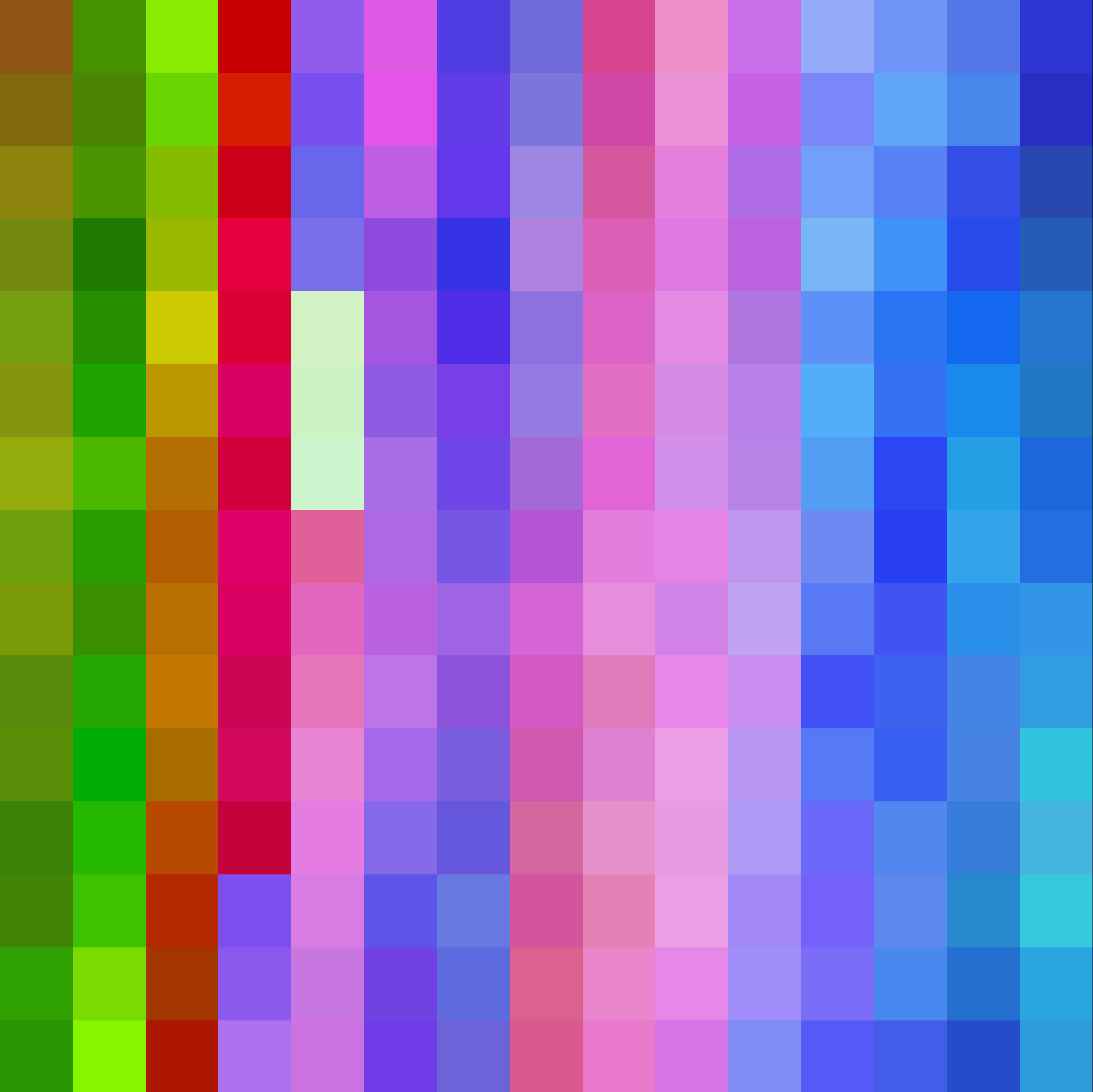
There's a colourful pixel gradient in this 8 by 8 grid. It is mostly green, and it also has quite some purple, some magenta, some indigo, and a little bit of violet in it.
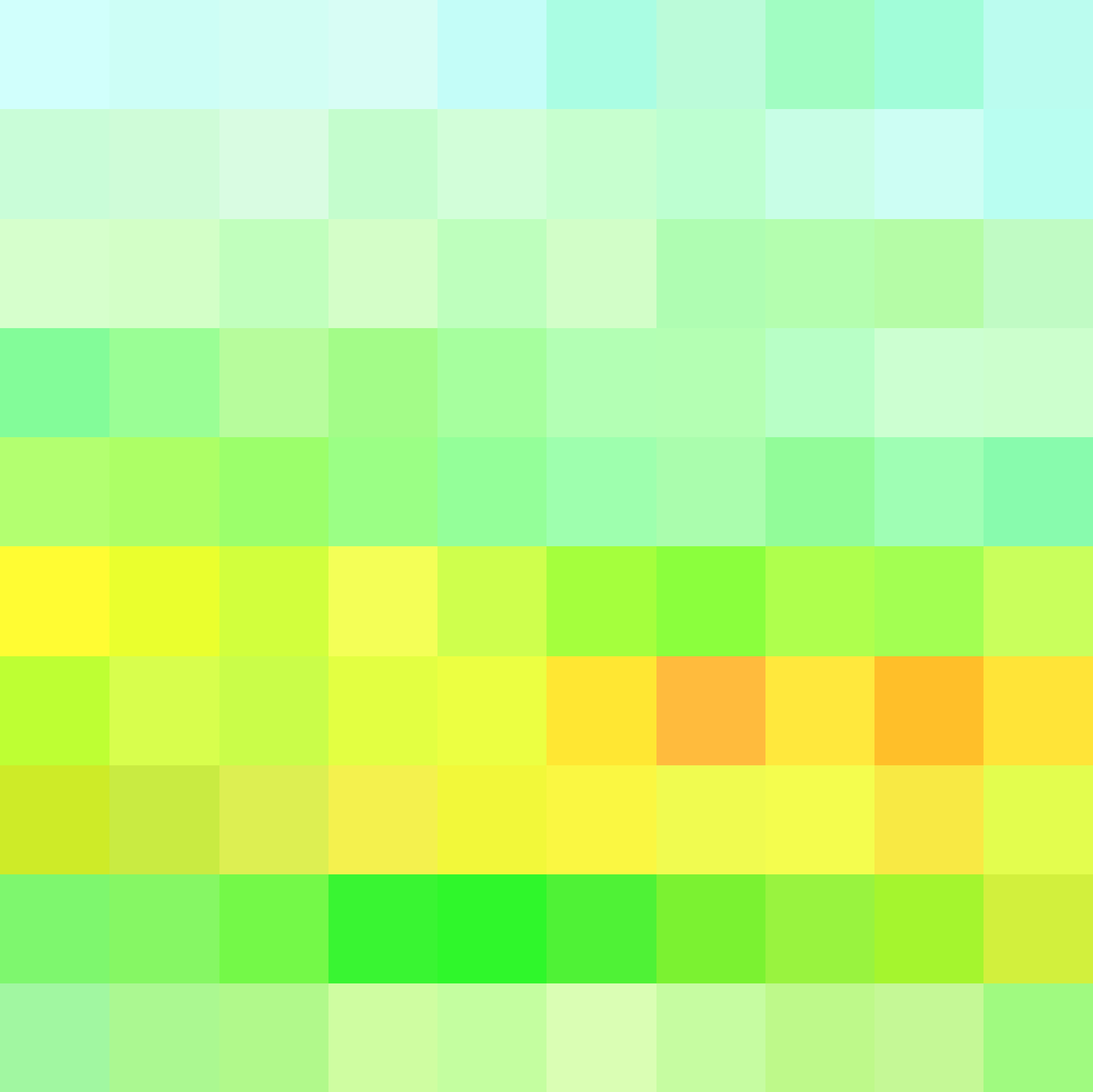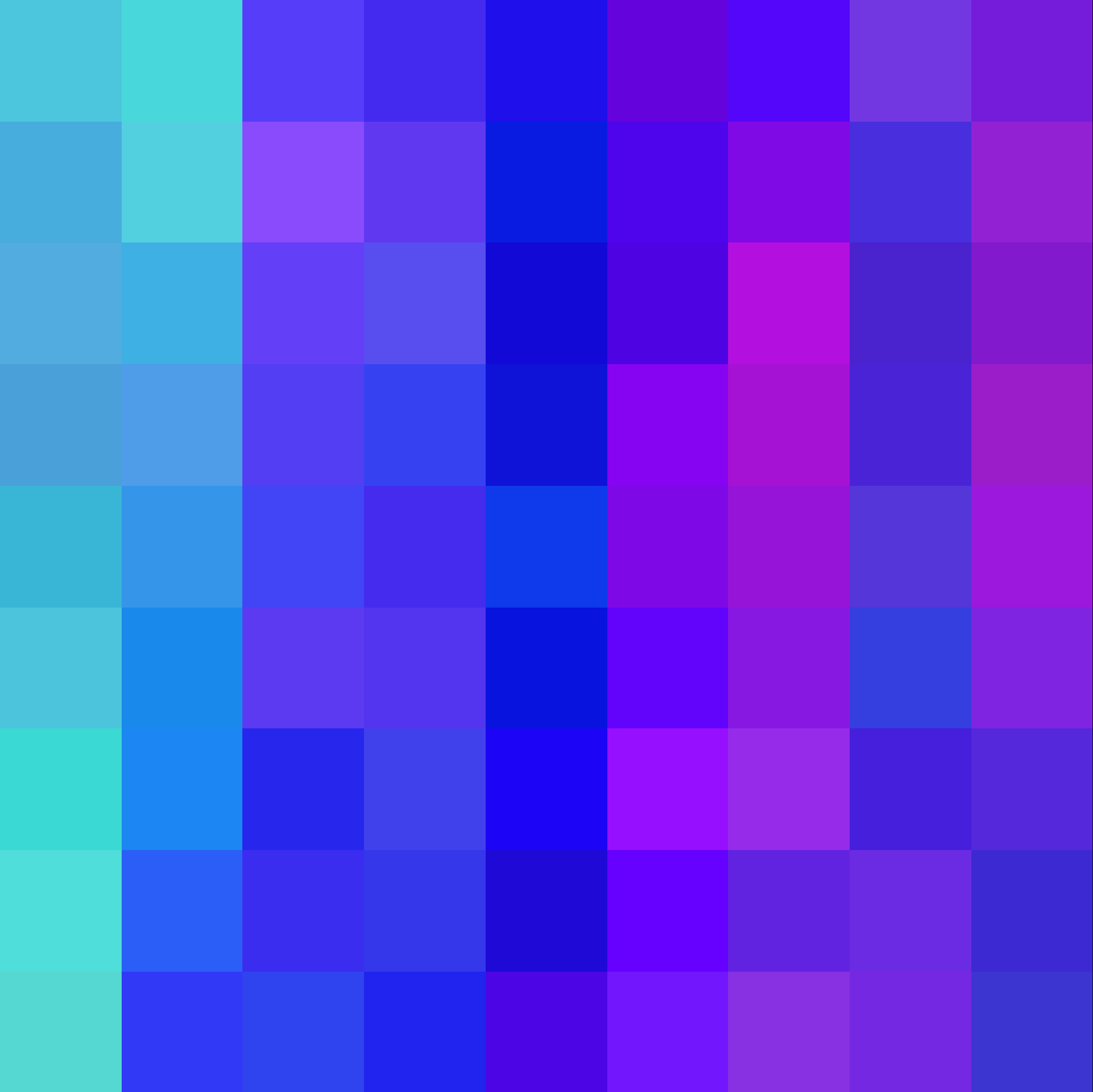
Here's a 10 by 10 pixelated grid that forms a colourful gradient. It is mostly green, but it also has some yellow, a bit of cyan, a little bit of lime, and a tiny bit of orange in it.
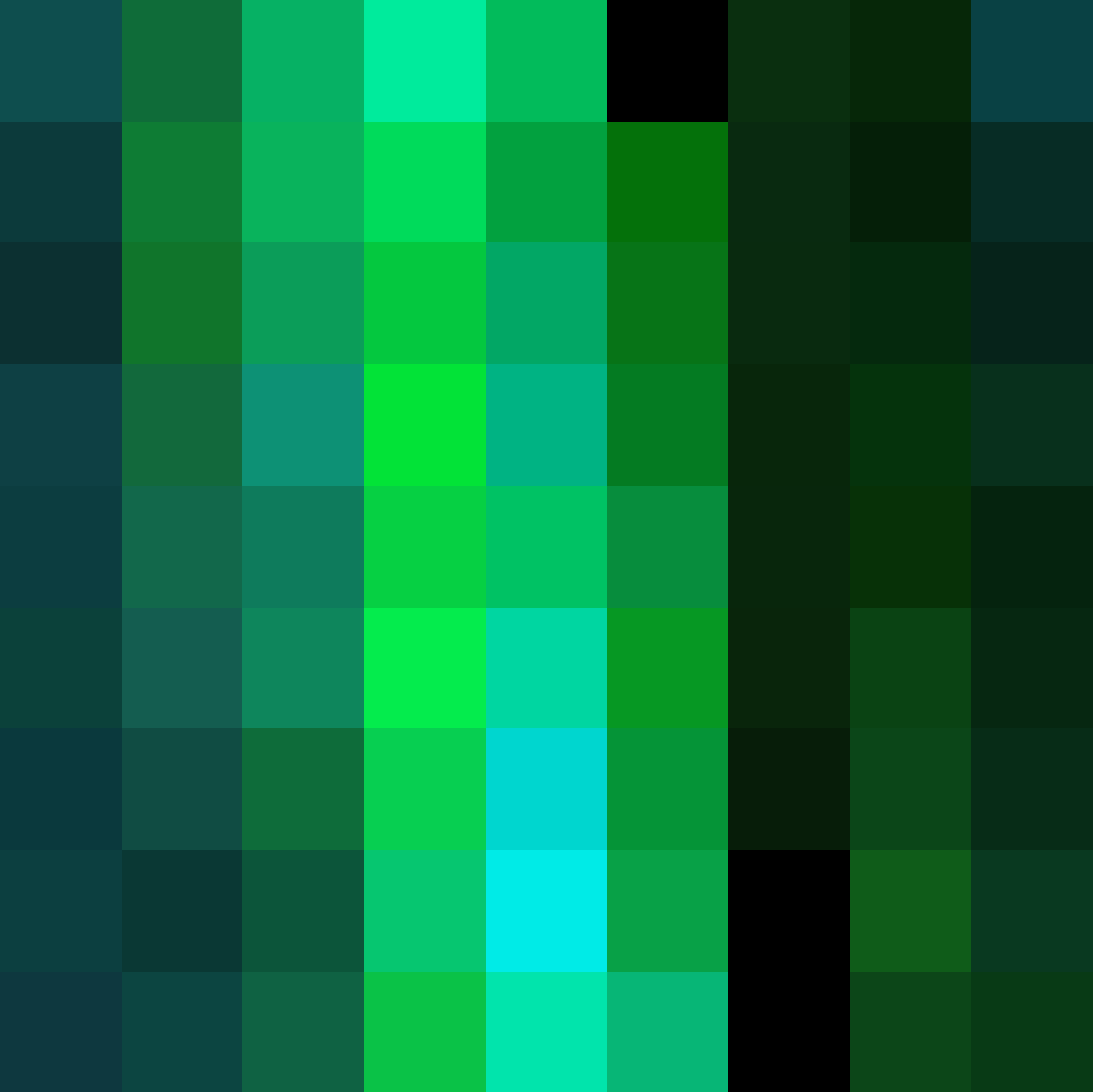
This two tone pixel gradient—it is 9 cells wide, 9 cells high—is mostly green, and it also has quite some cyan in it.
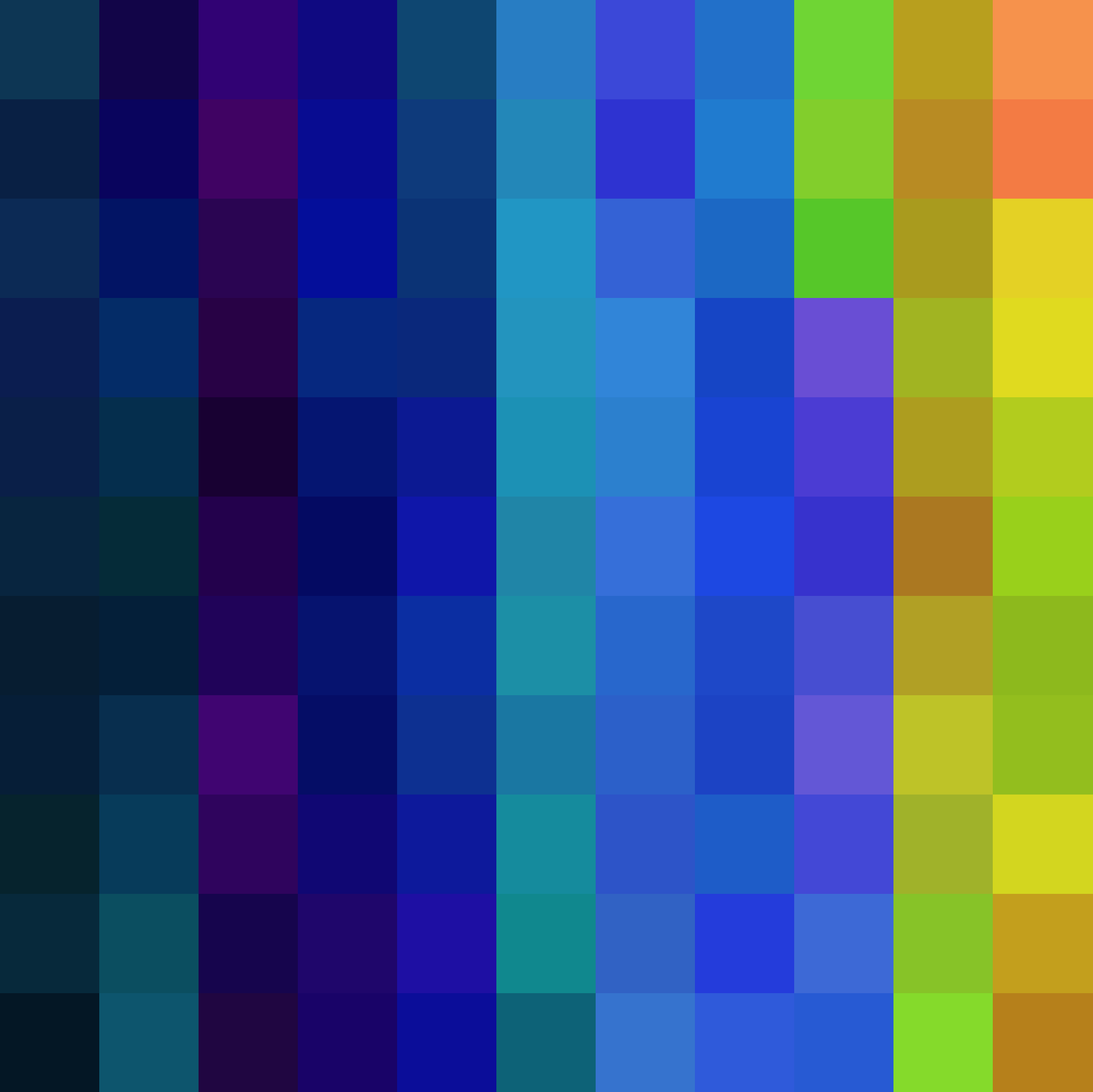
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly blue, and it also has some magenta, some indigo, some green, a bit of purple, a little bit of red, a little bit of violet, a little bit of orange, a little bit of yellow, a little bit of rose, a tiny bit of lime, and a tiny bit of cyan in it.
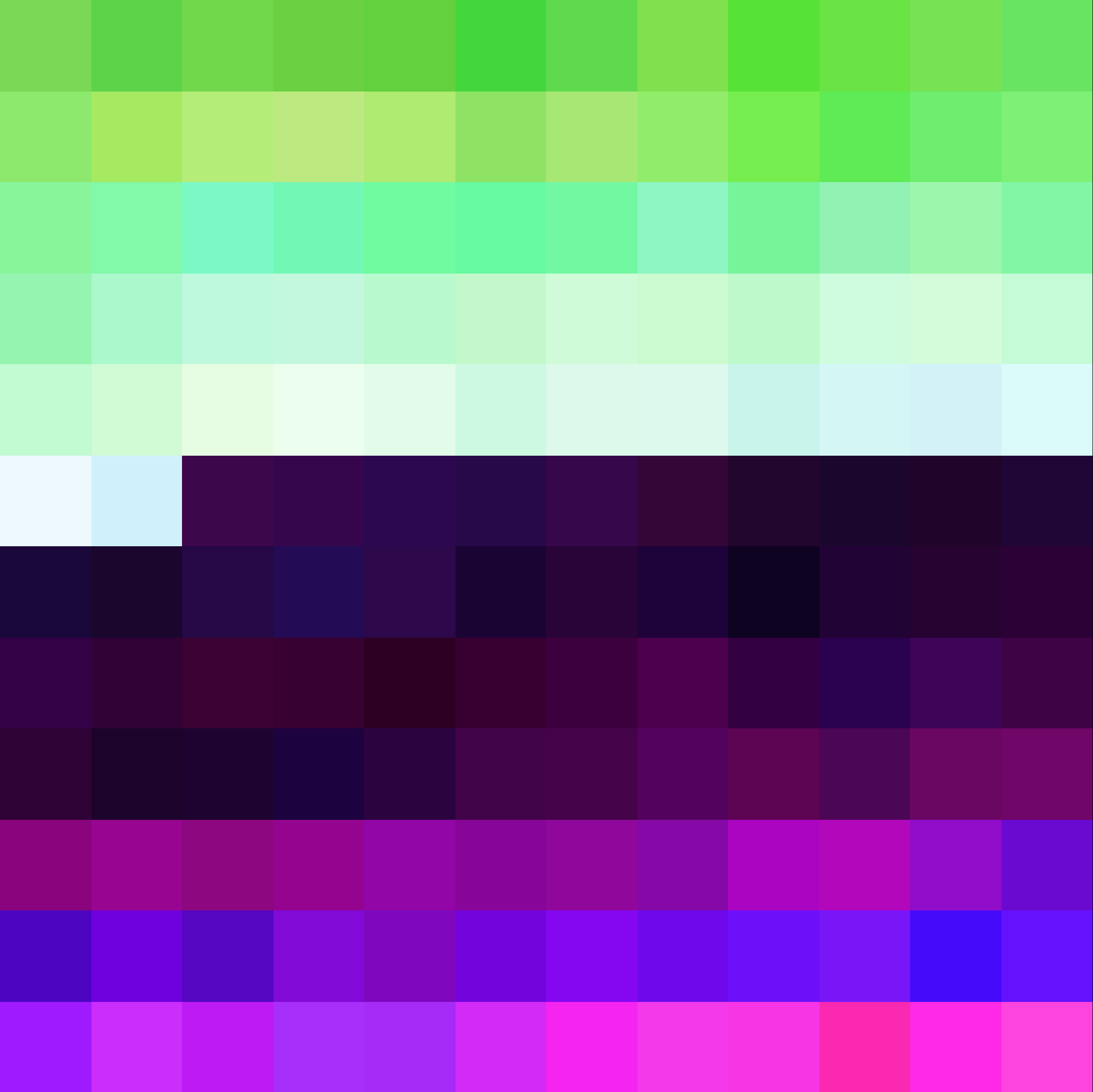
Here's a 9 by 9 pixelated grid that forms a colourful gradient. It is mostly indigo, and it also has quite some blue, some purple, some violet, and a bit of cyan in it.
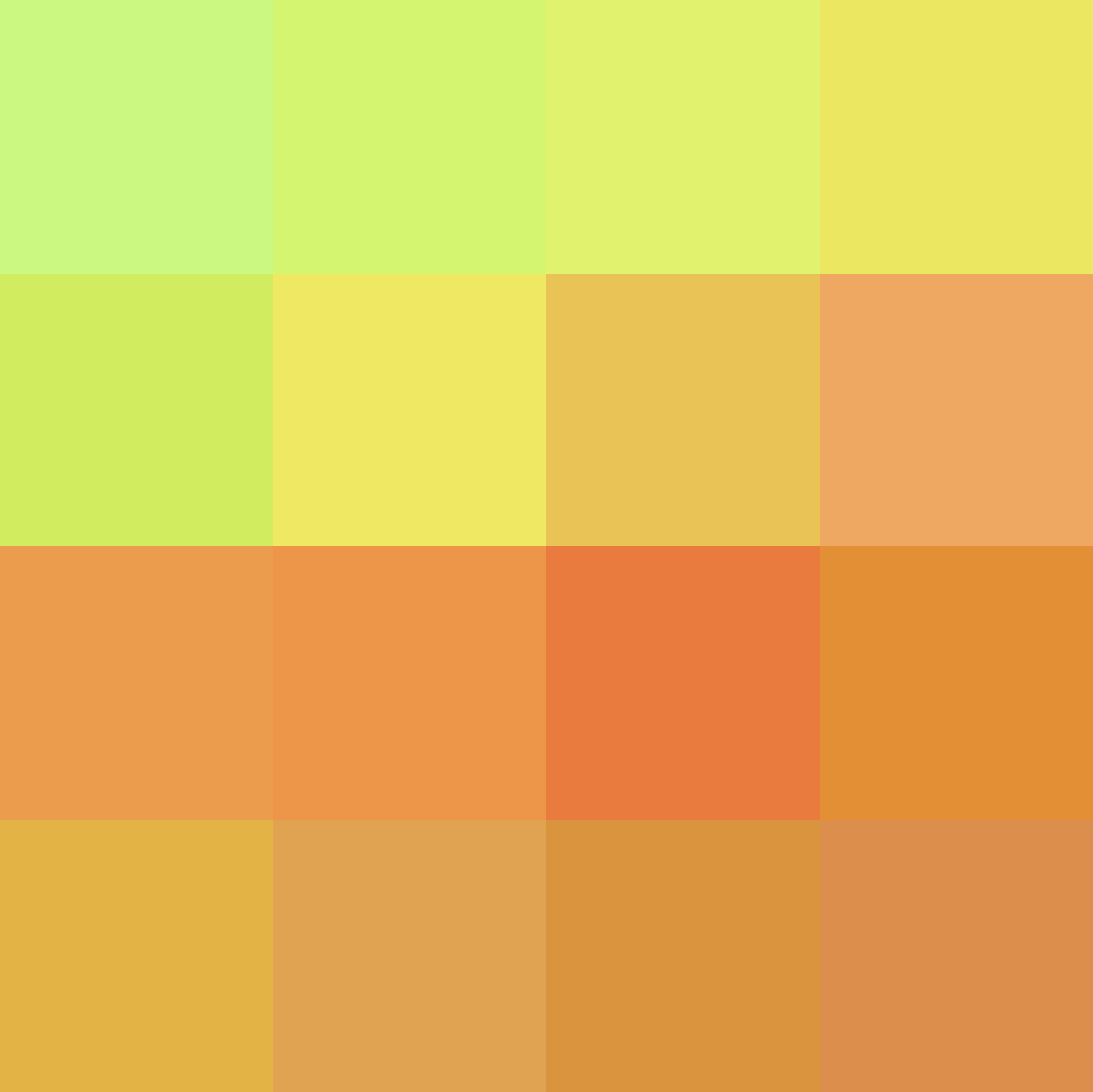
The gradient in this 4 by 4 pixel grid is mostly orange, and it also has some yellow, some lime, and a little bit of green in it.

The cells in this 11 by 11 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has some indigo, a bit of yellow, a little bit of violet, a little bit of cyan, a little bit of green, a little bit of orange, a tiny bit of purple, and a tiny bit of lime in it.

There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly green, but it also has quite some purple, quite some magenta, some violet, a little bit of cyan, a tiny bit of blue, and a tiny bit of indigo in it.
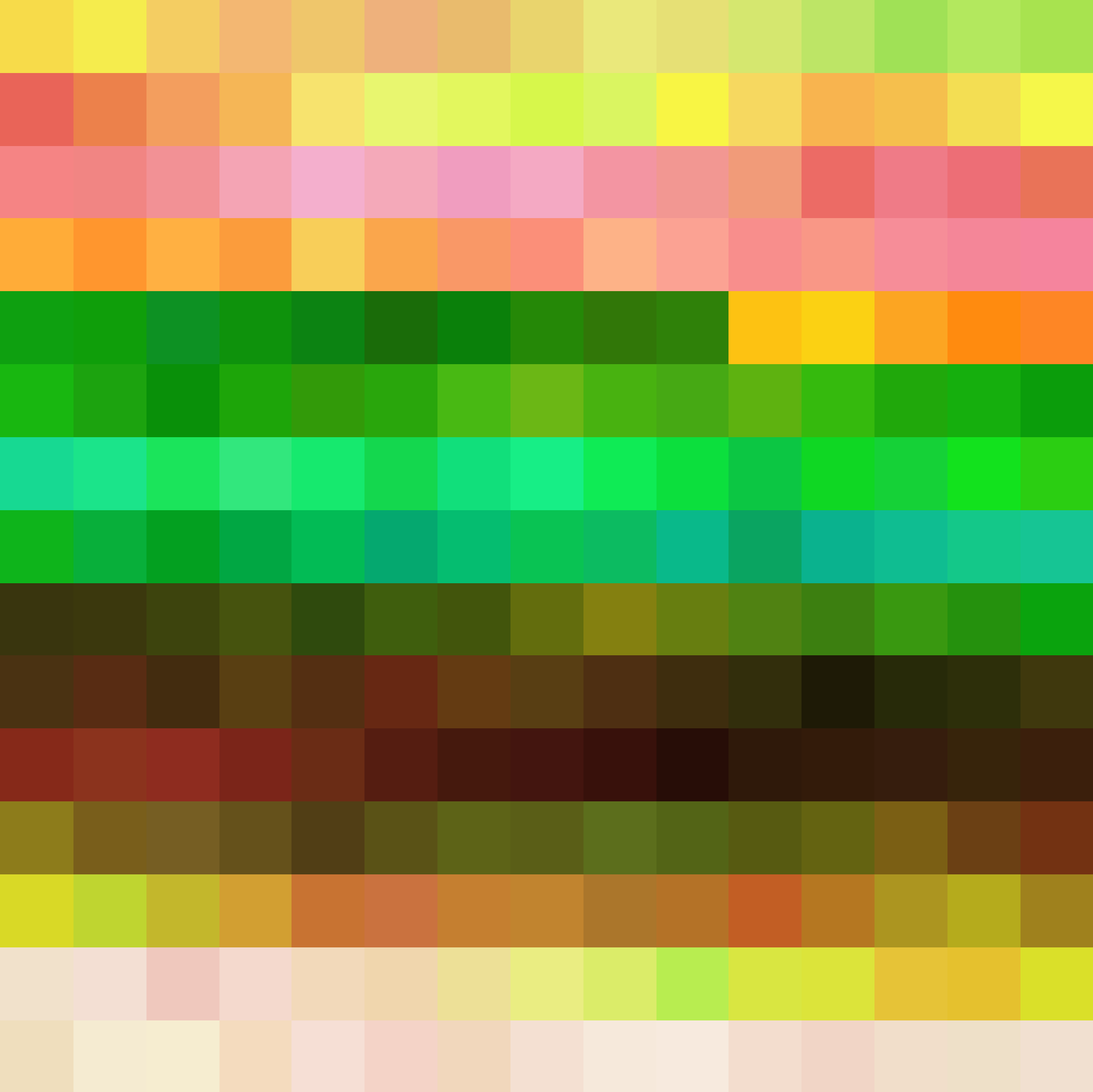
Here's a 15 by 15 pixelated grid that forms a very colourful gradient. It is mostly orange, but it also has quite some green, quite some yellow, some red, a little bit of lime, and a tiny bit of cyan in it.
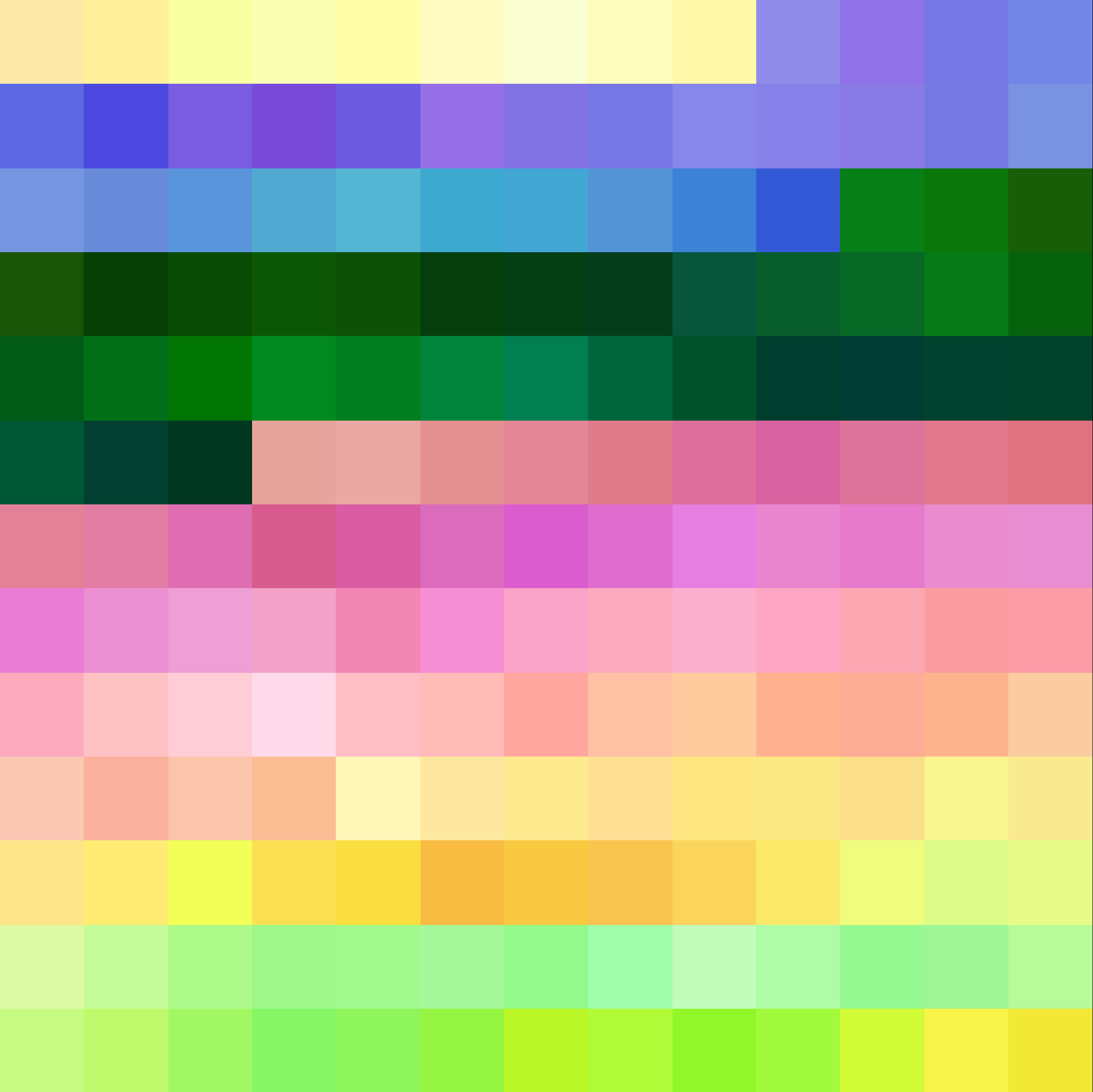
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has quite some red, some yellow, a bit of blue, a bit of orange, a bit of indigo, a tiny bit of cyan, and a tiny bit of lime in it.

The gradient in this 15 by 15 pixel grid is mostly red, but it also has some orange, and a bit of yellow in it.

Here's a 5 by 5 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.
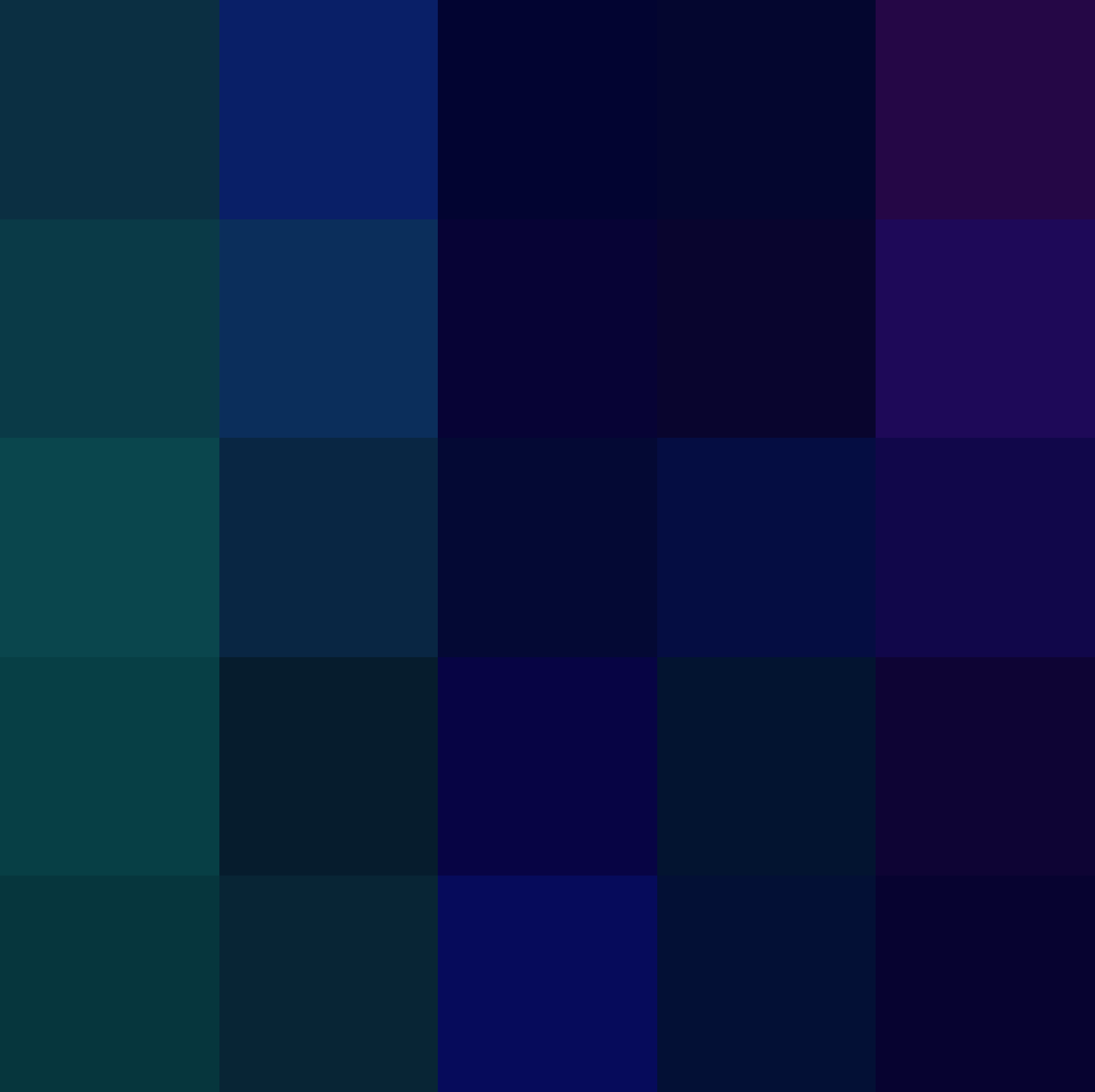
Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly orange, and it also has some yellow, some lime, a bit of magenta, a bit of purple, and a tiny bit of green in it.

A very, very colourful grid of 100 blocks. It's mostly indigo, and it also has quite some purple, some blue, a bit of violet, a bit of magenta, a little bit of cyan, a tiny bit of rose, and a tiny bit of green in it.

The two tone gradient in this 7 by 7 pixel grid is mostly green, and it also has quite some cyan in it.

There's a very colourful pixel gradient in this 8 by 8 grid. It is mostly green, and it also has some yellow, a bit of cyan, a little bit of blue, a little bit of orange, and a tiny bit of lime in it.
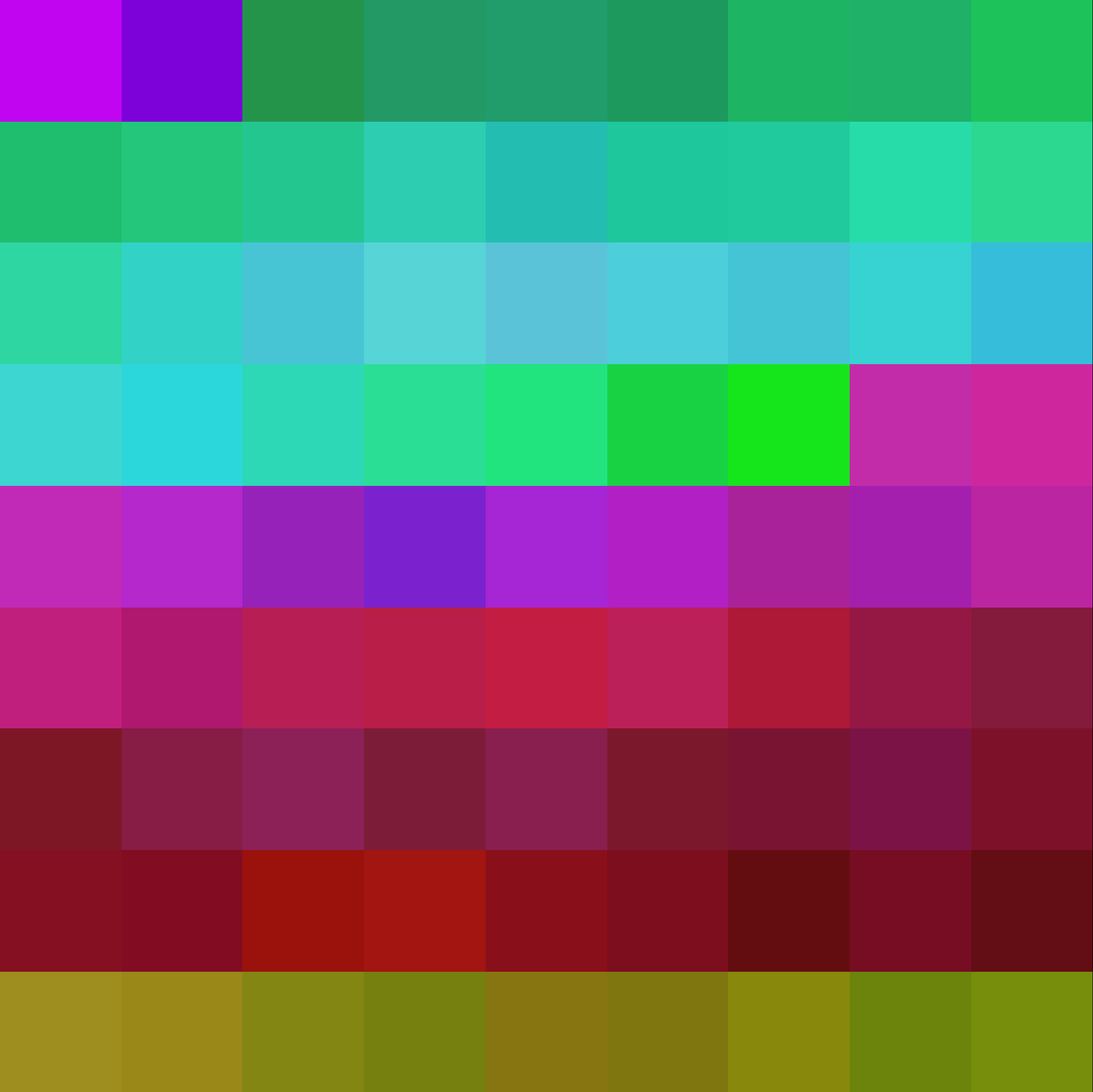
A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some yellow, and some lime in it.
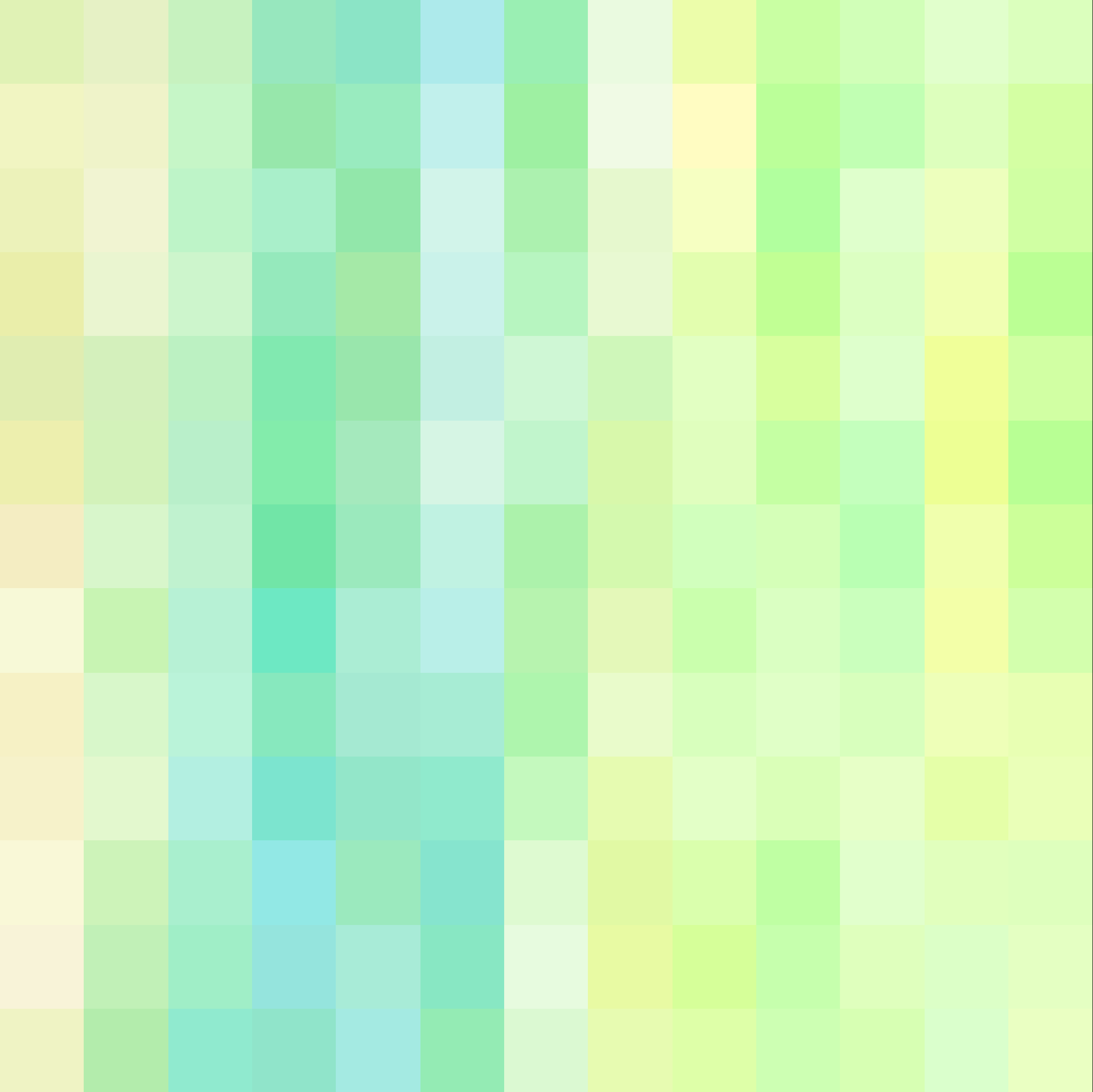
A grid of 169 blocks. It's mostly green, but it also has some yellow, a bit of lime, and a little bit of cyan in it.

This monochrome pixel gradient—it is 5 cells wide, 5 cells high—is green.

A grid with 81 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some red, some rose, some magenta, a bit of yellow, a bit of purple, and a tiny bit of lime in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly cyan, and it also has quite some green, and quite some blue 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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