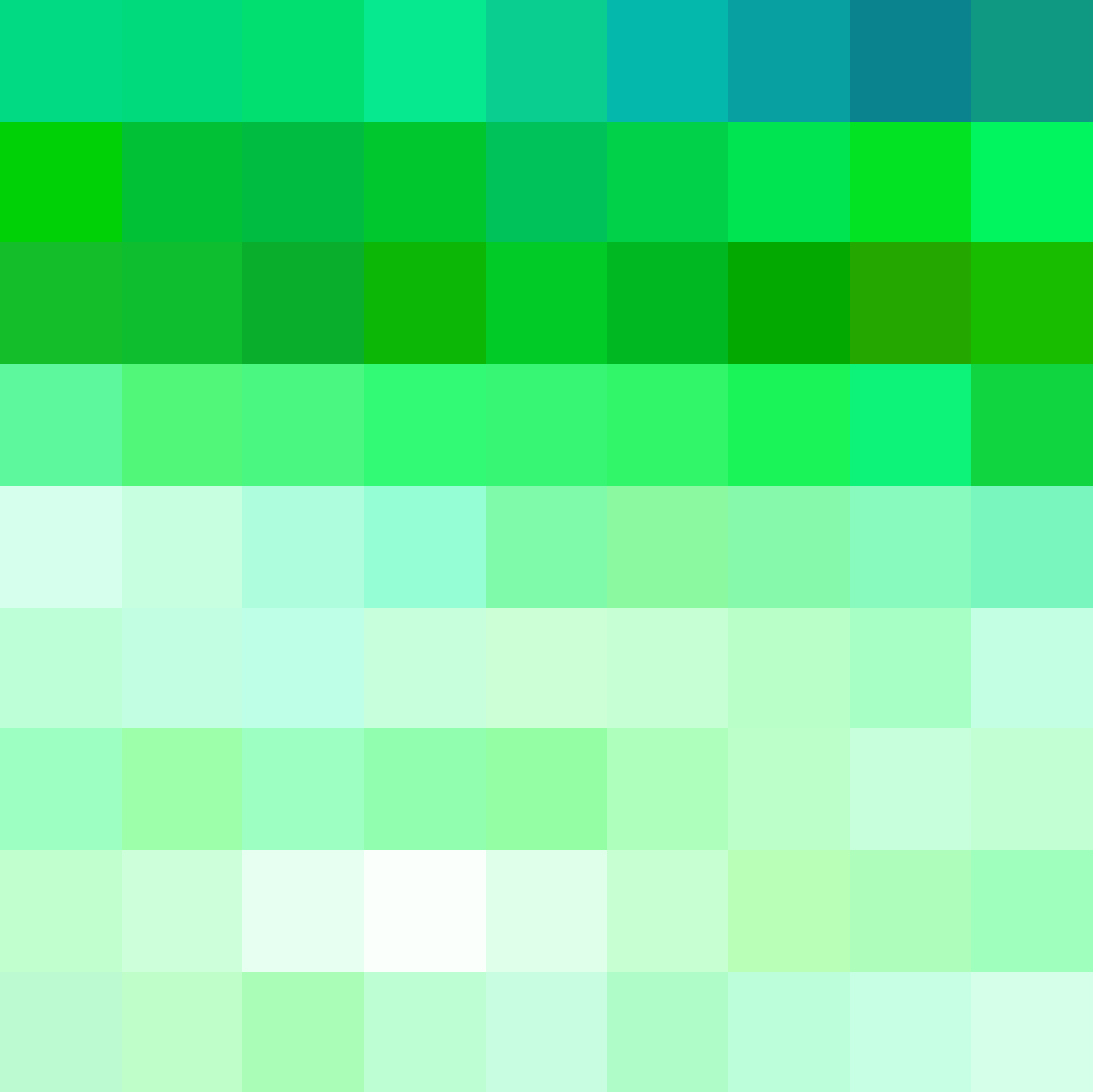# 100 random pixel gradients

Vasilis van Gemert – 15-08-2023

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

Here's a 9 by 9 pixelated grid that forms a two tone gradient. It is mostly green, and it also has a little bit of cyan in it.

The cells in this 7 by 7 pixel grid form a monochrome gradient. It is green.
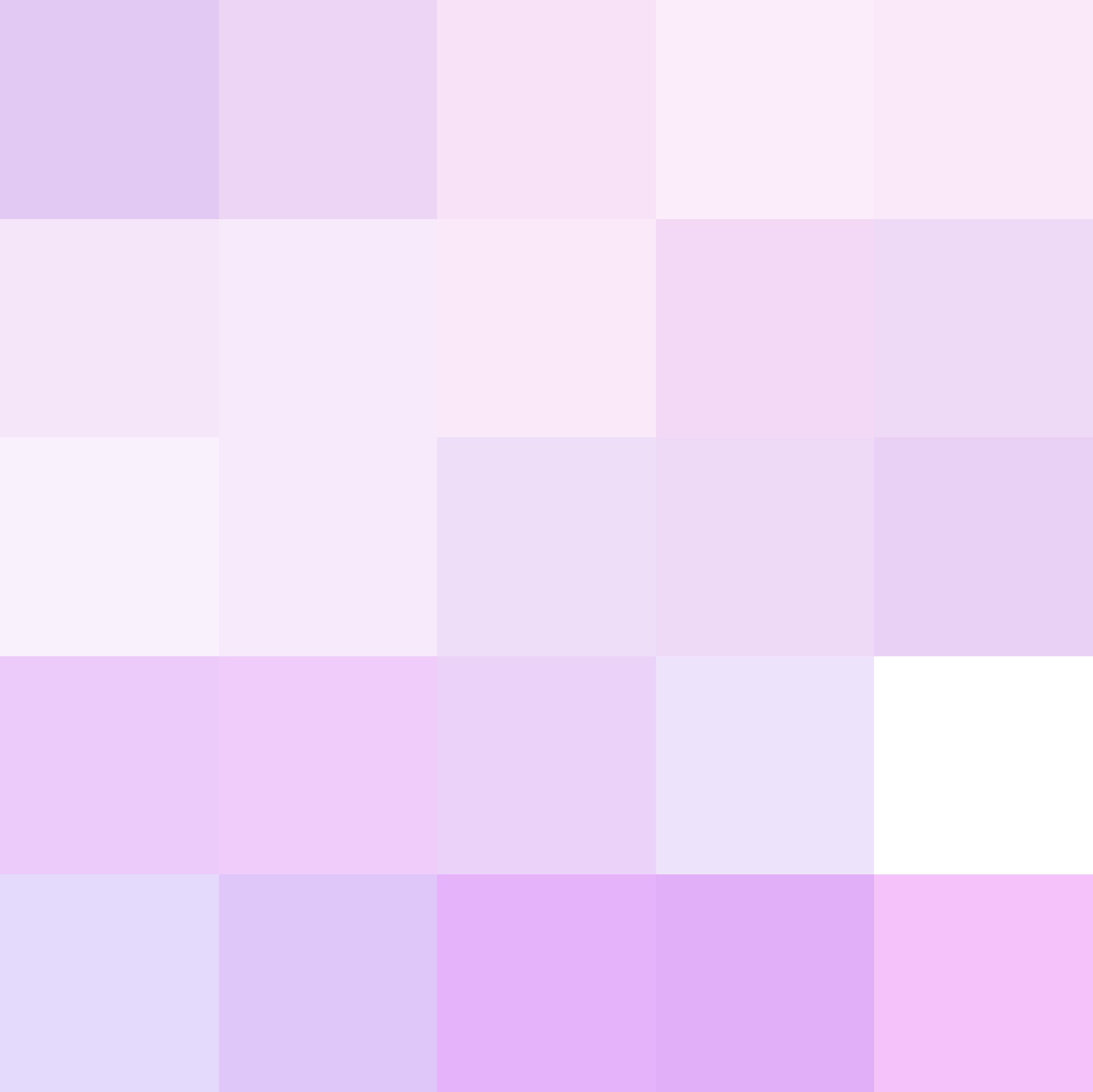
A very, very colourful grid of 225 blocks. It's mostly purple, and it also has some indigo, some blue, some violet, some green, a bit of magenta, a little bit of cyan, a little bit of yellow, a little bit of lime, a tiny bit of rose, a tiny bit of red, and a tiny bit of orange in it.
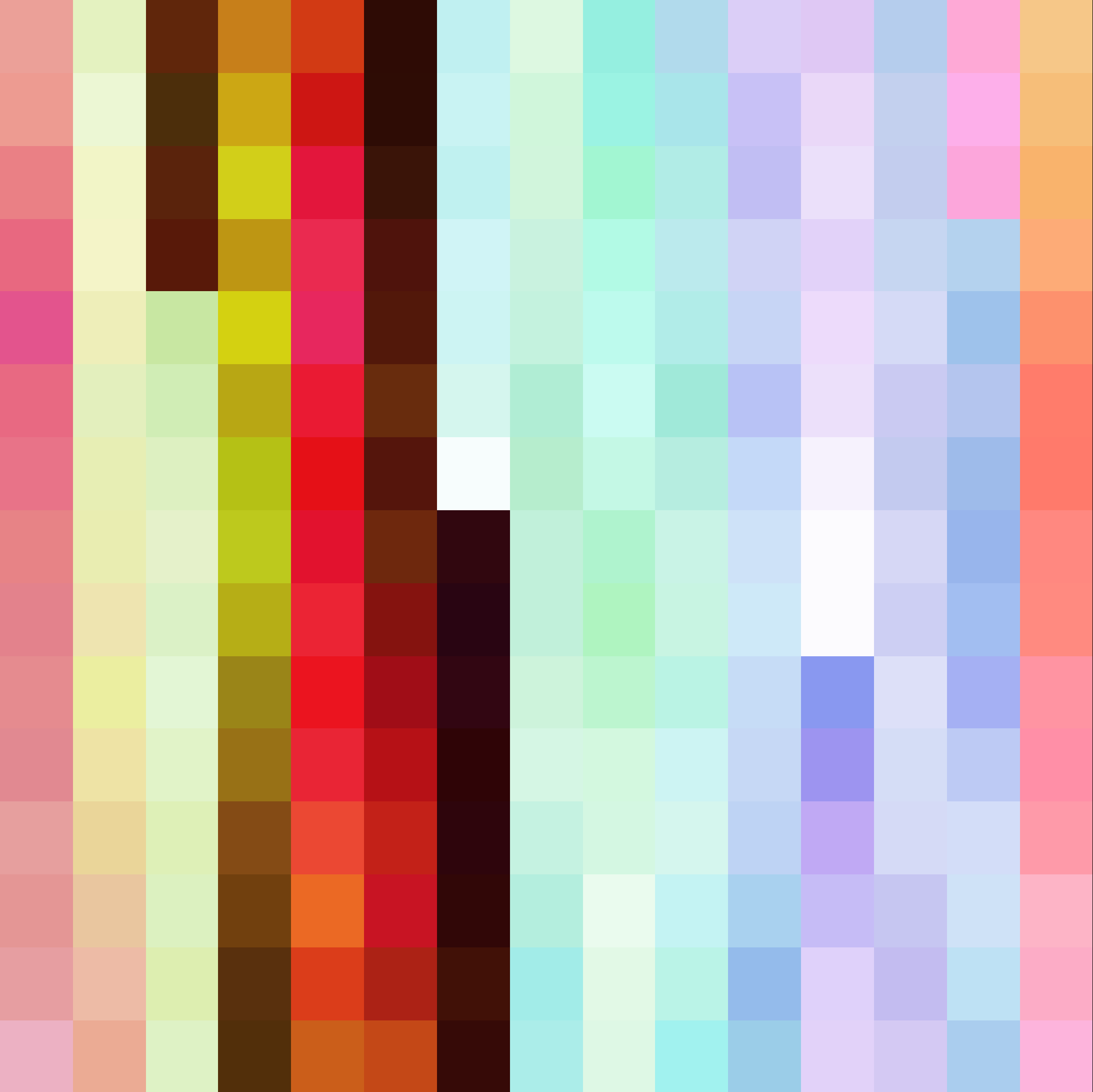
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly red, and it also has some blue, some green, some cyan, a bit of orange, a bit of yellow, a little bit of indigo, a little bit of lime, a little bit of violet, a tiny bit of rose, a tiny bit of purple, and a tiny bit of magenta in it.
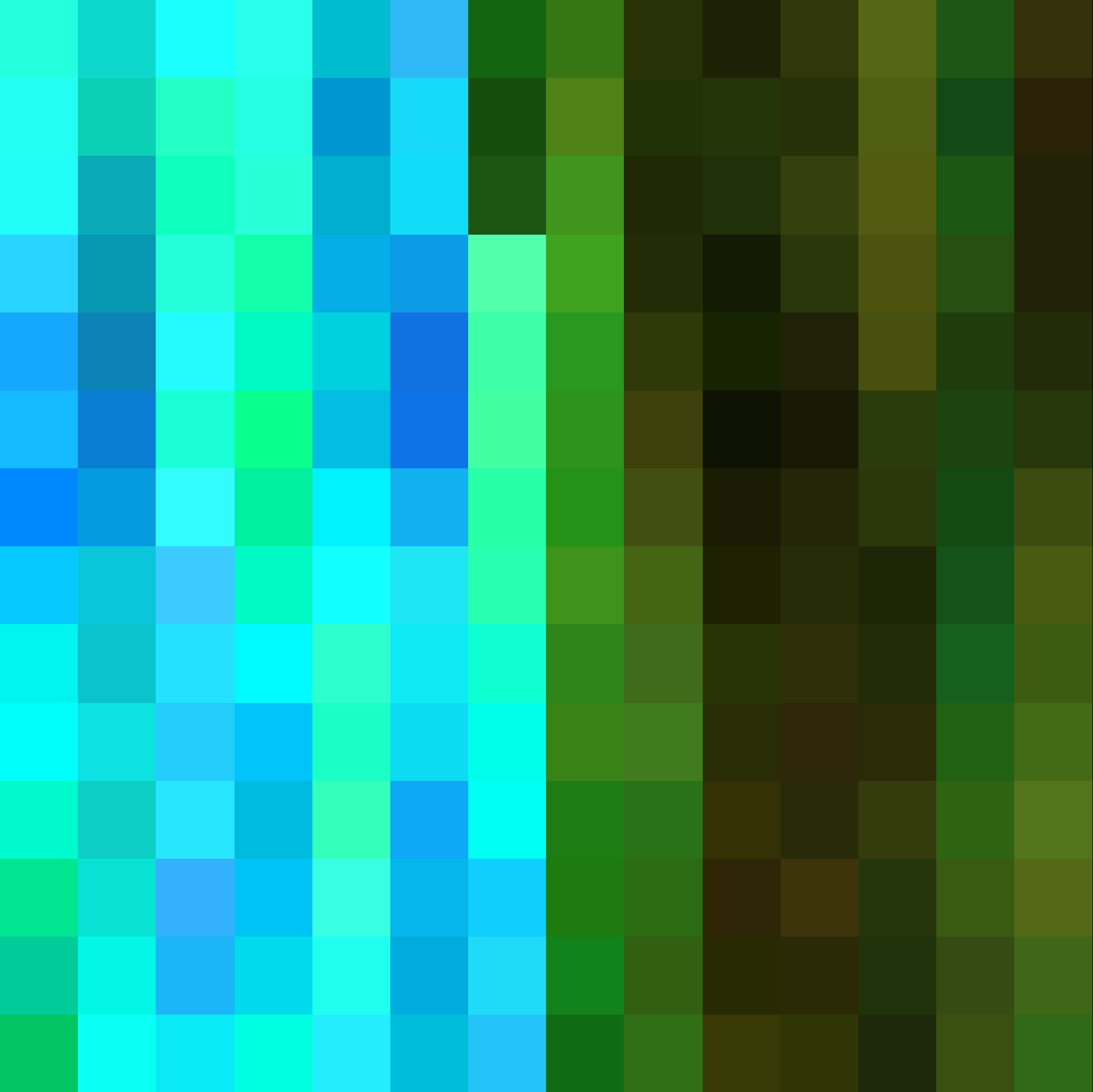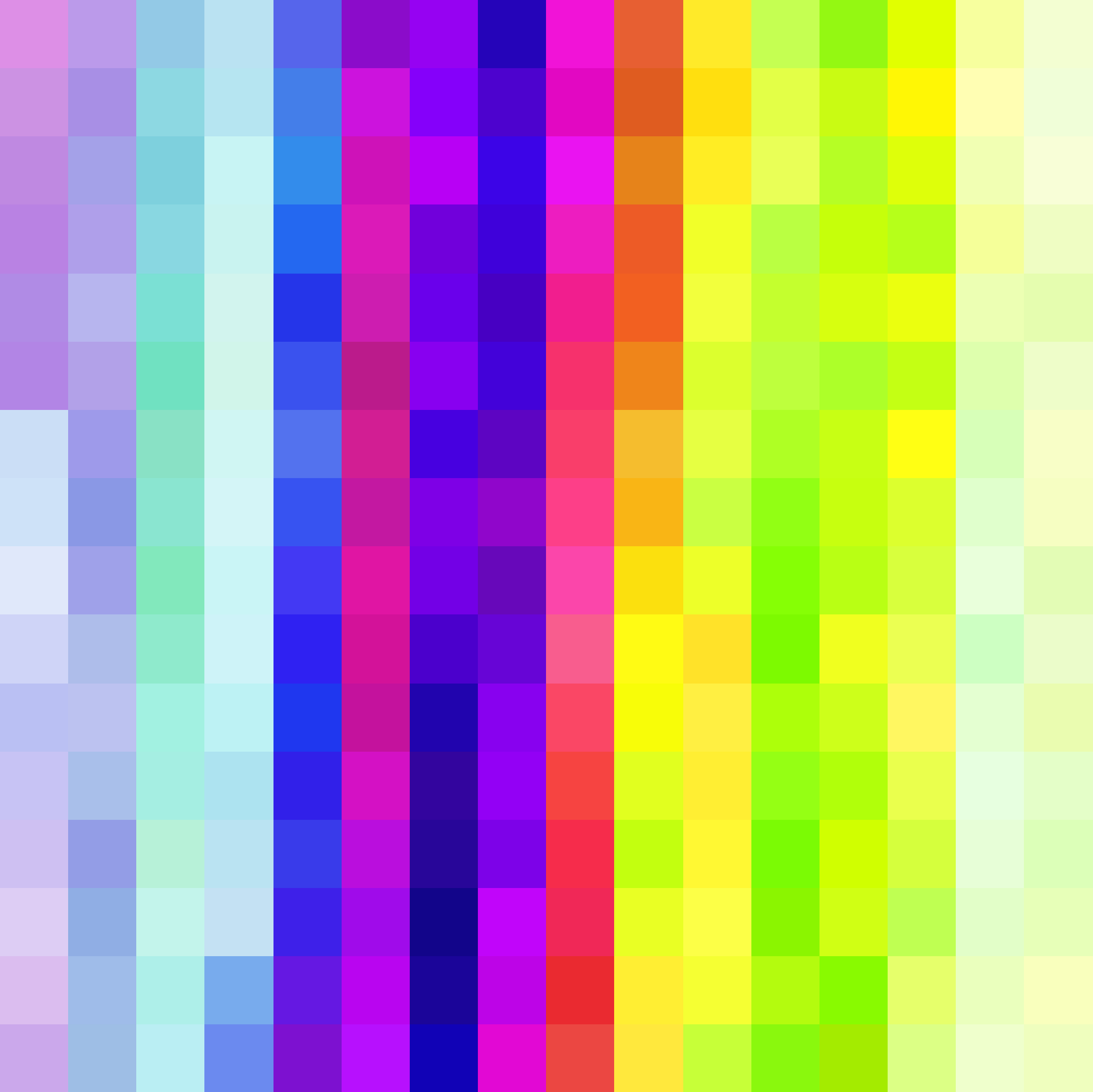
A 14 by 14 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly cyan, and it also has quite some green, some yellow, some lime, and a bit of blue in it.

This gradient, generated in this 5 by 5 pixel grid, is mostly purple, but it also has quite some magenta, some violet, and a little bit of indigo in it.

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

A colourful grid of 64 blocks. It's mostly green, but it also has quite some yellow, quite some orange, a bit of lime, and a little bit of red in it.

A grid with 49 coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, but it also has quite some blue, some indigo, a bit of violet, a bit of purple, and a little bit of green in it.

The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly red, and it also has quite some orange, quite some yellow, a bit of lime, and a little bit of green in it.
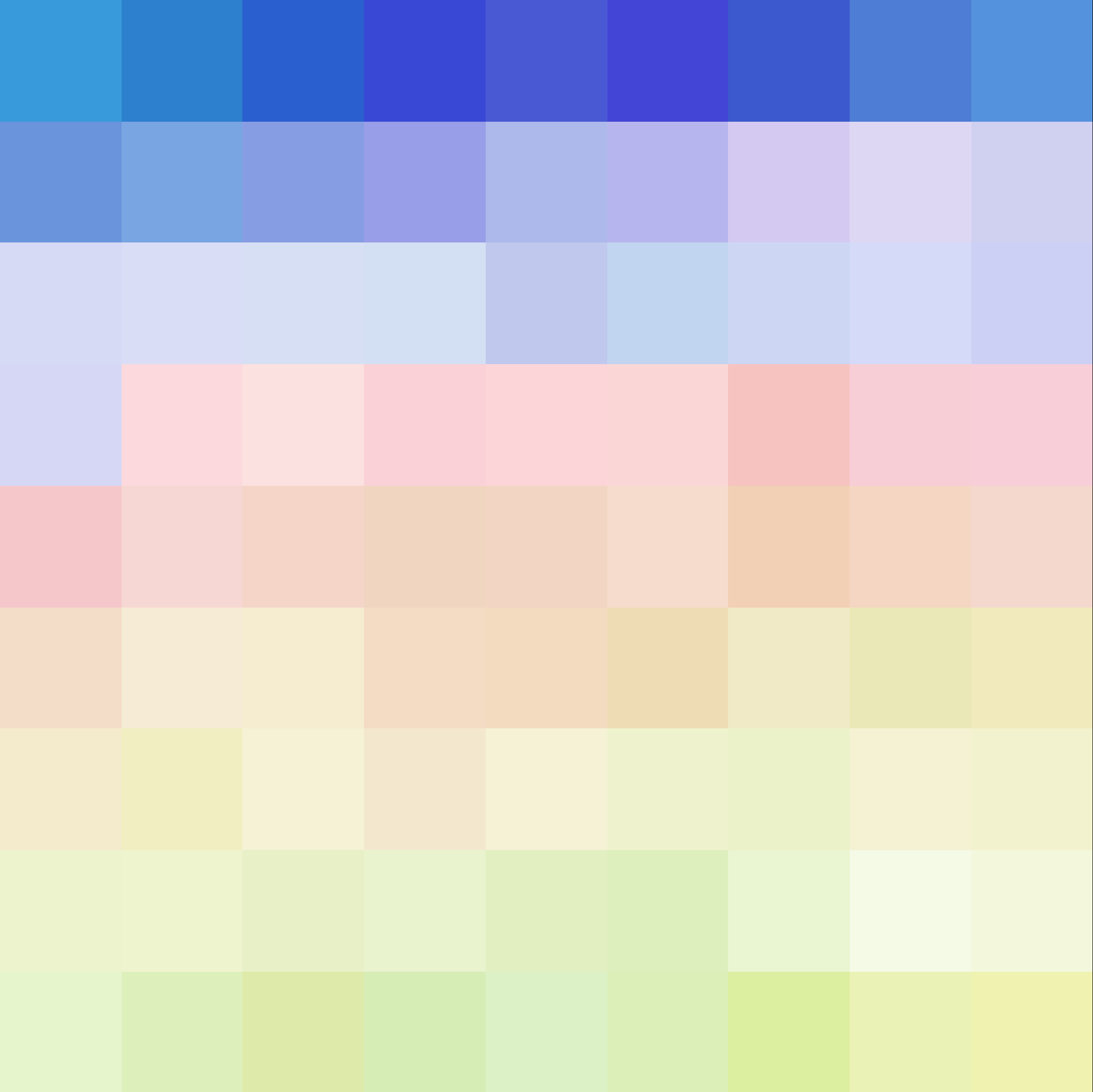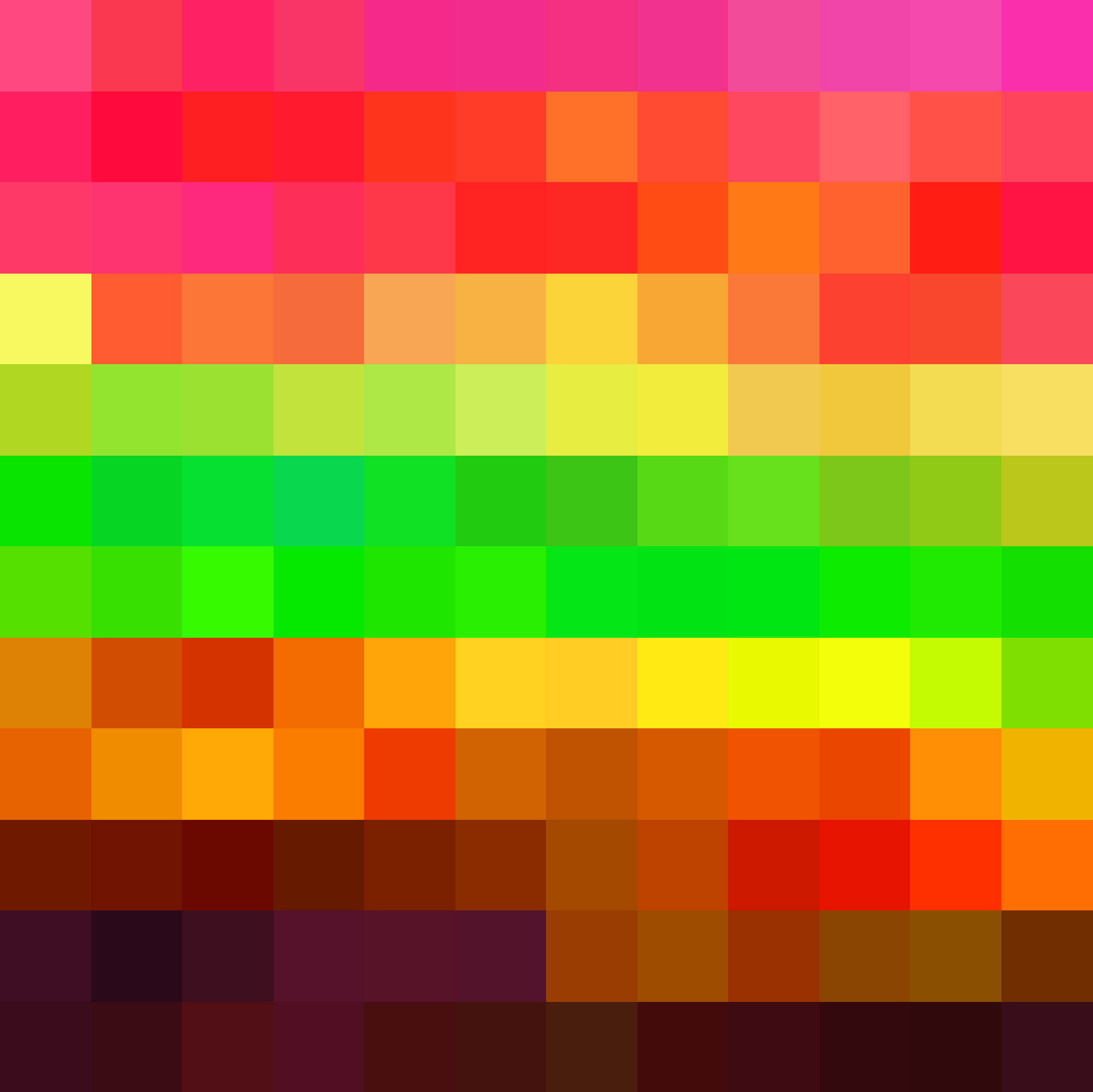
The very, very colourful gradient in this 9 by 9 pixel grid is mostly blue, and it also has some orange, some yellow, some lime, some red, a bit of green, a little bit of indigo, and a tiny bit of rose in it.
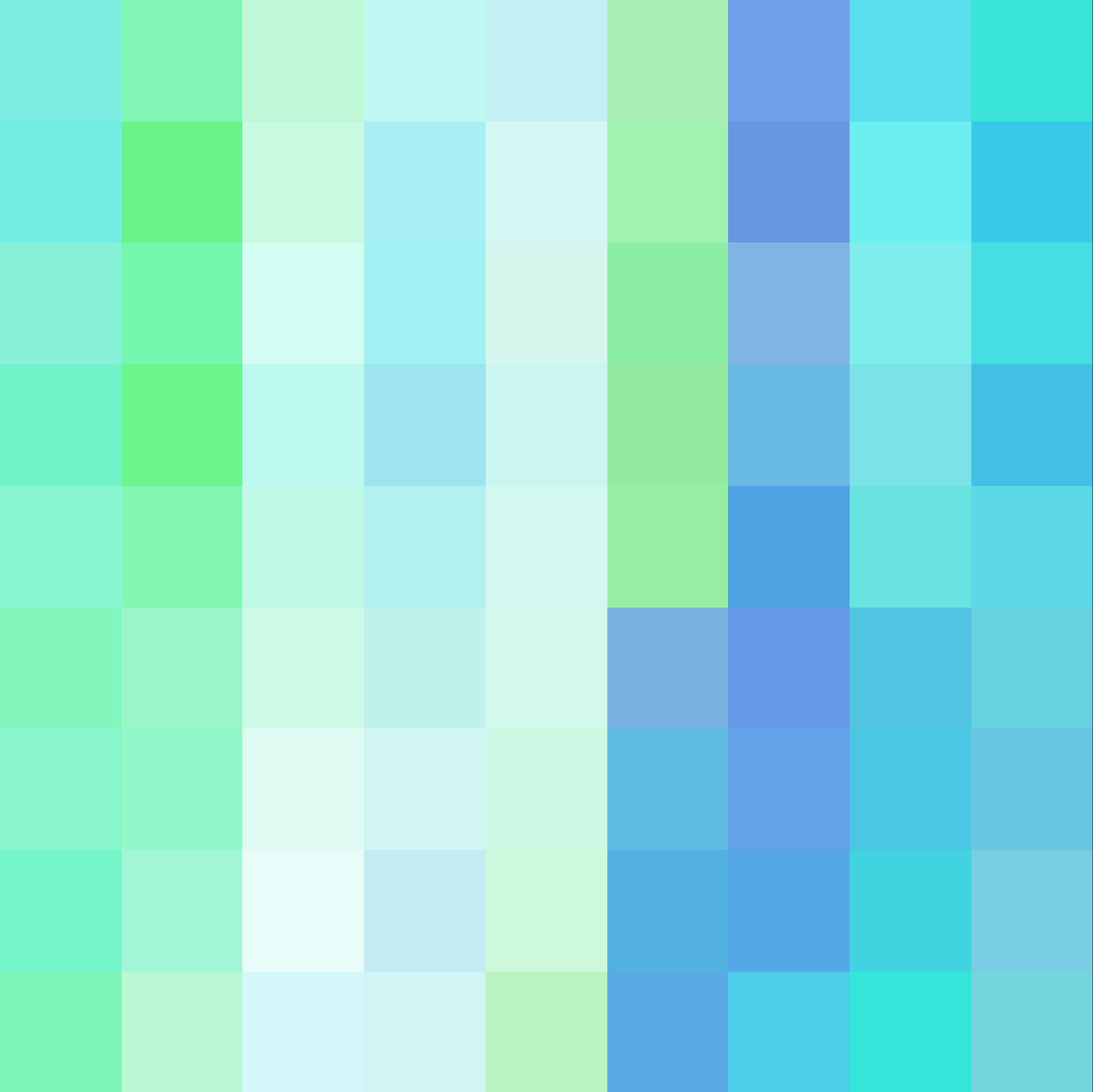
This pixel gradient—it is 9 cells wide, 9 cells high—is mostly cyan, and it also has quite some green, and some blue in it.
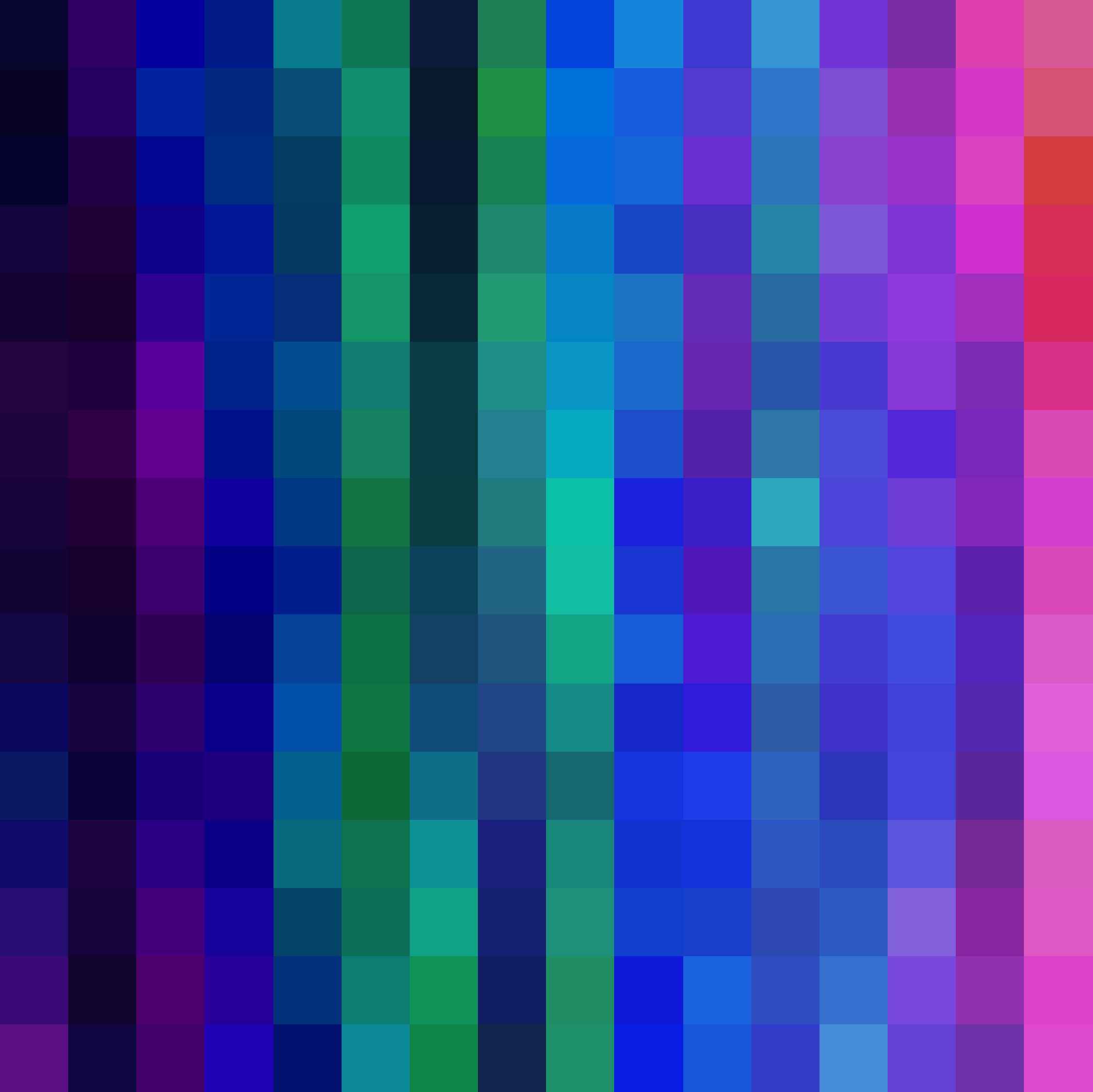
This pixel gradient—it is 8 cells wide, 8 cells high—is mostly red, and it also has quite some orange, and some yellow in it.
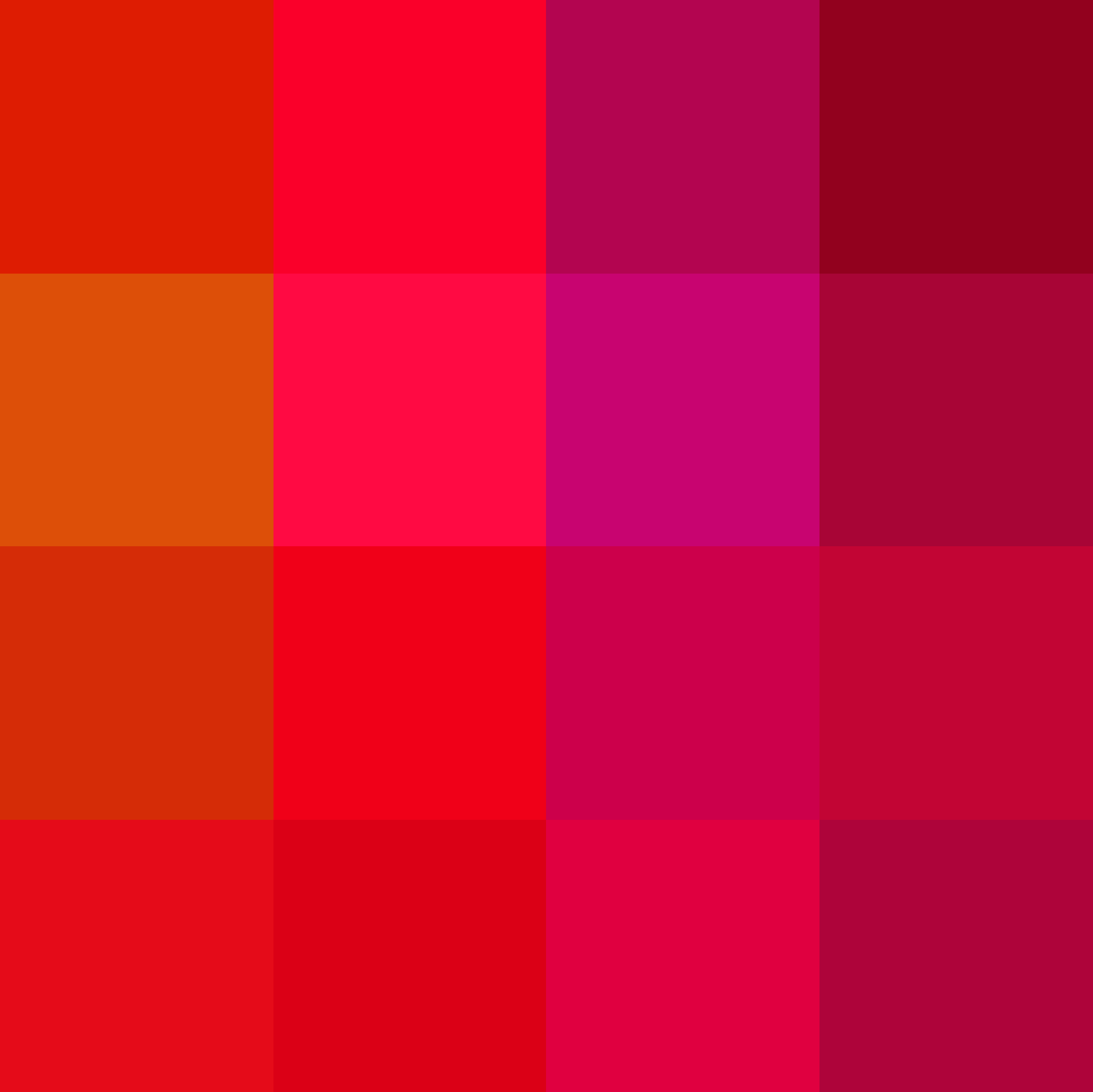
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly red, but it also has quite some orange, some green, some rose, a bit of yellow, a little bit of lime, and a tiny bit of magenta in it.

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

This pixel gradient—it is 4 cells wide, 4 cells high—is mostly red, but it also has quite some rose, and a little bit of orange in it.
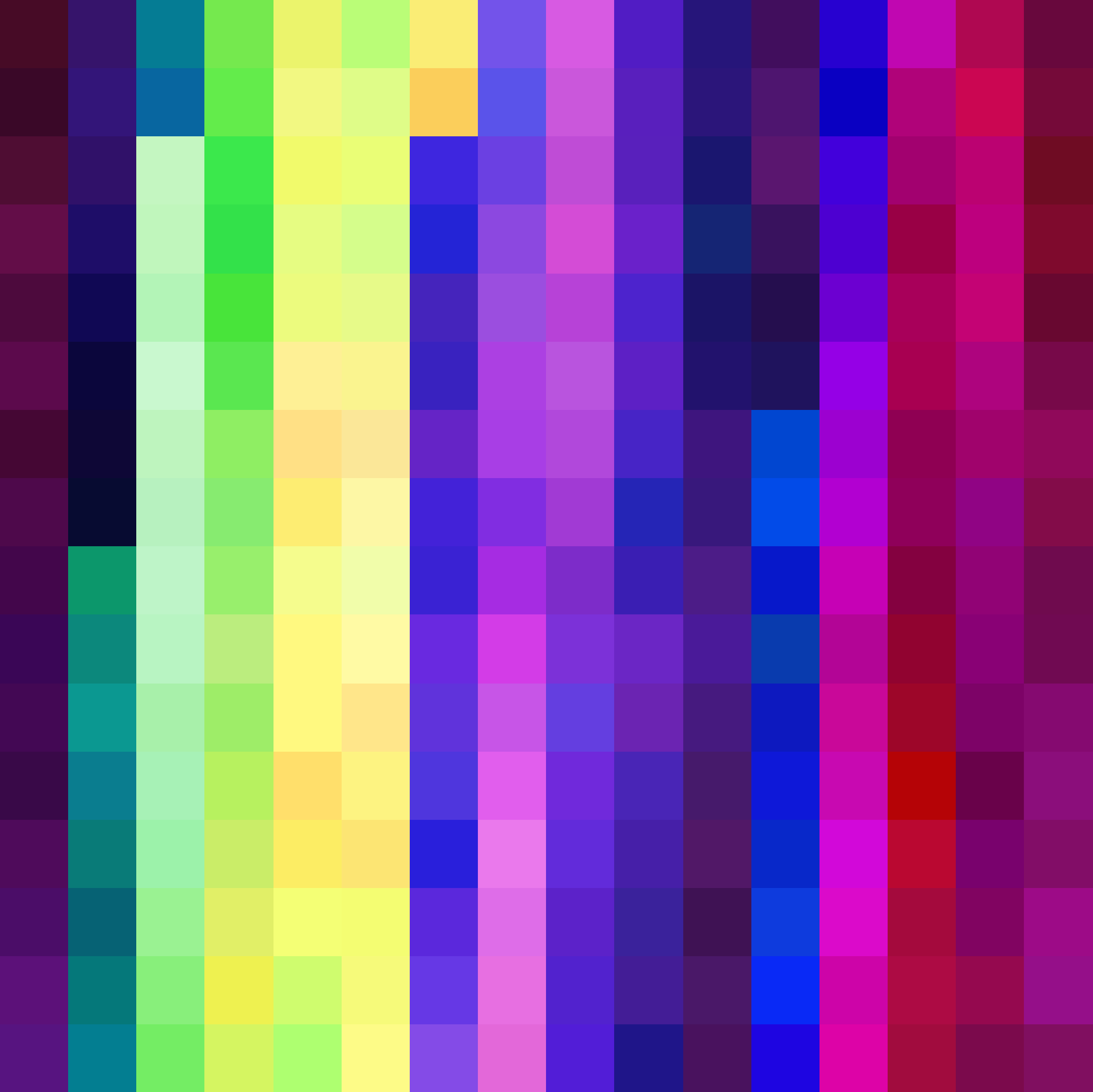
A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has some lime in it.

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

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

A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some indigo, some purple, some green, some yellow, a bit of violet, a bit of rose, a little bit of blue, a little bit of cyan, a tiny bit of lime, a tiny bit of red, and a tiny bit of orange in it.
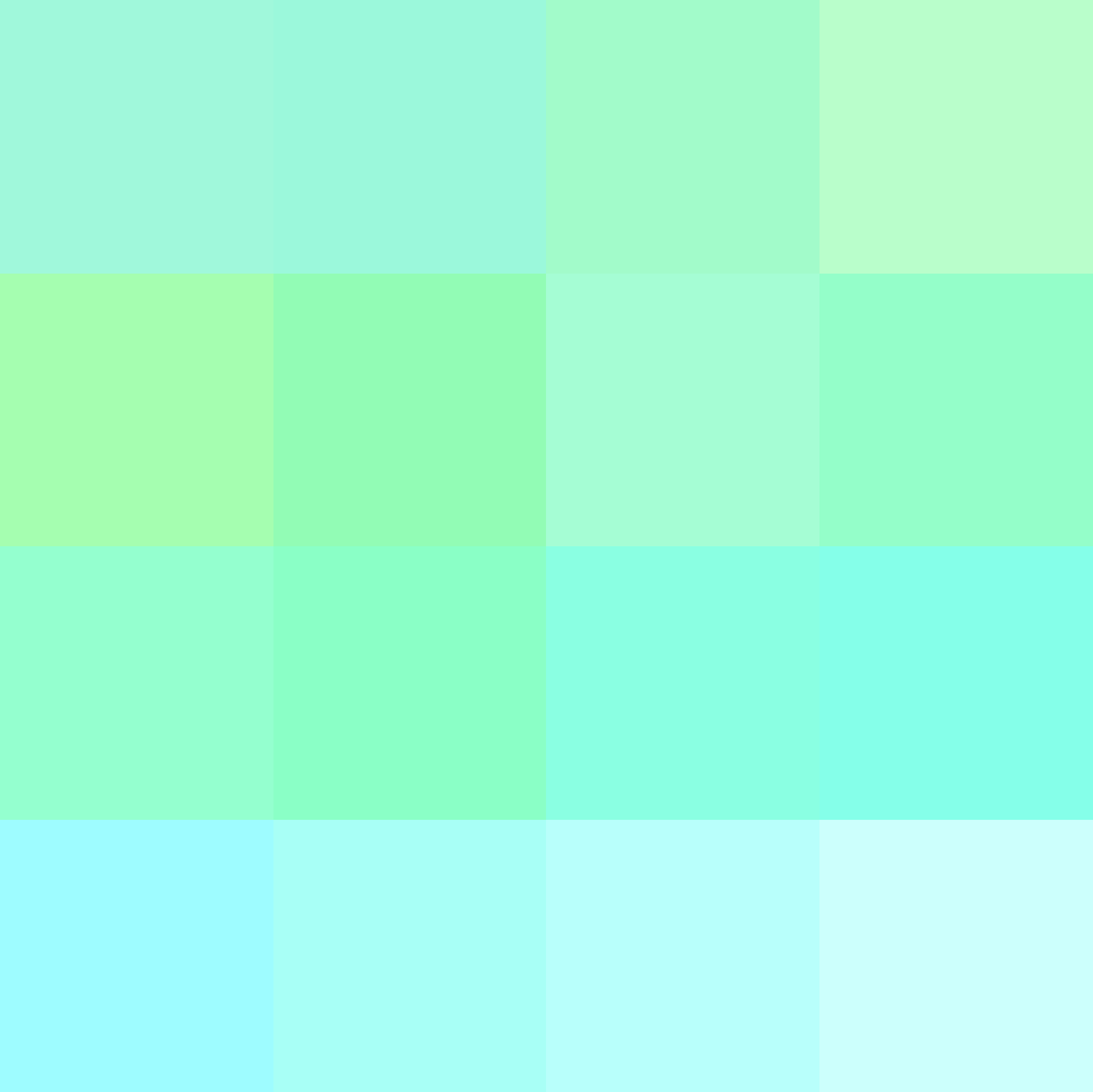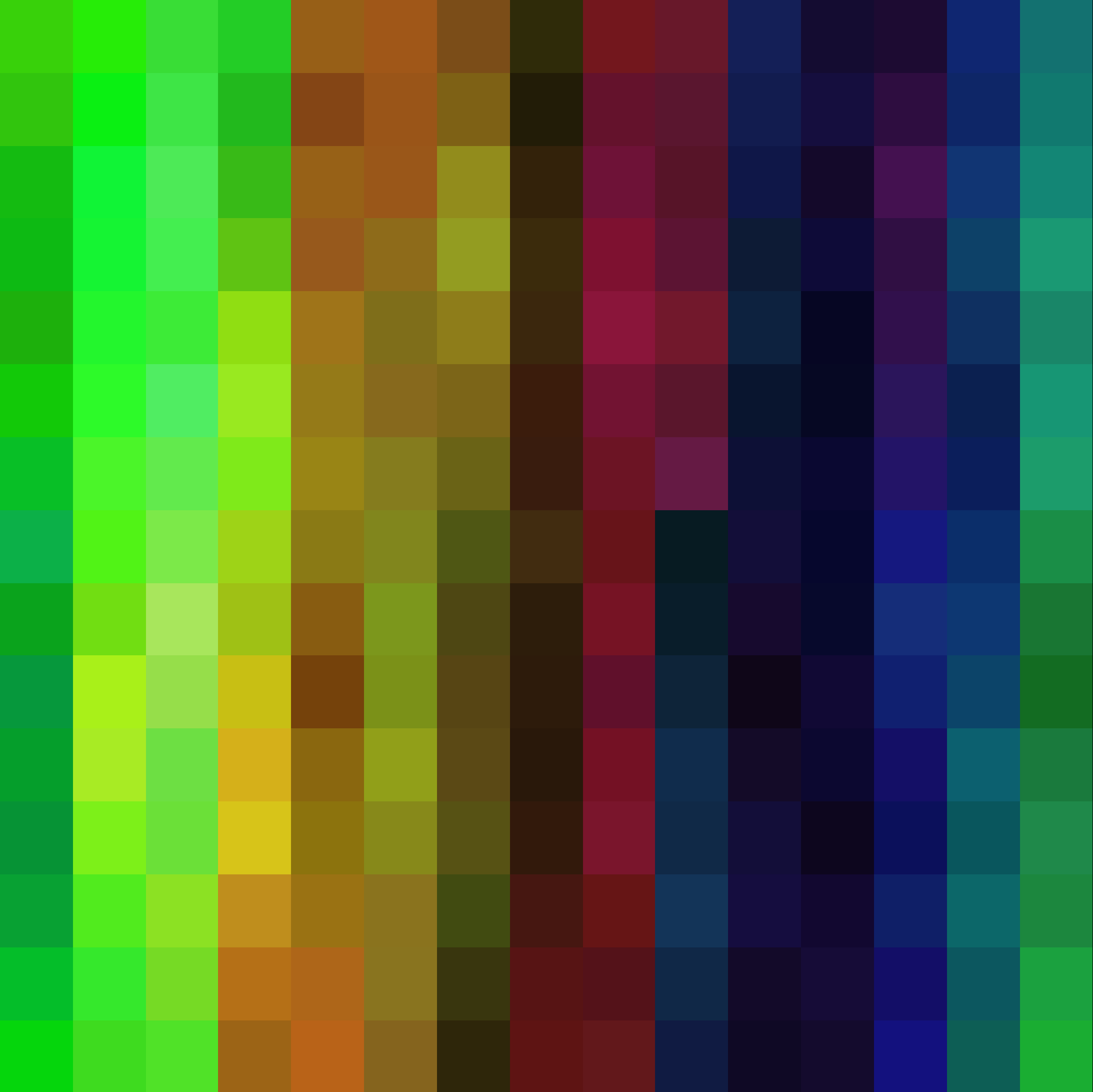
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has quite some cyan in it.
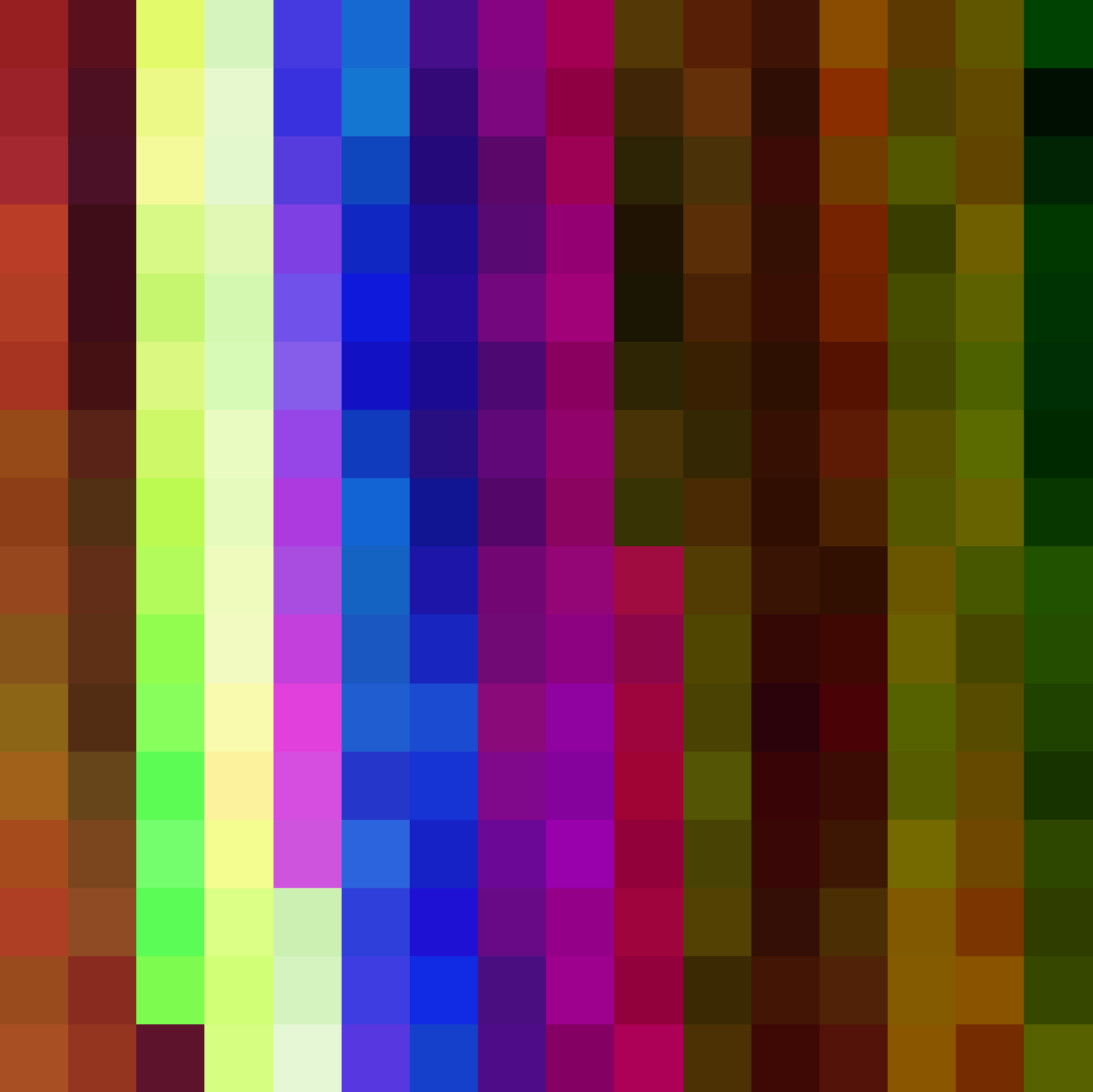
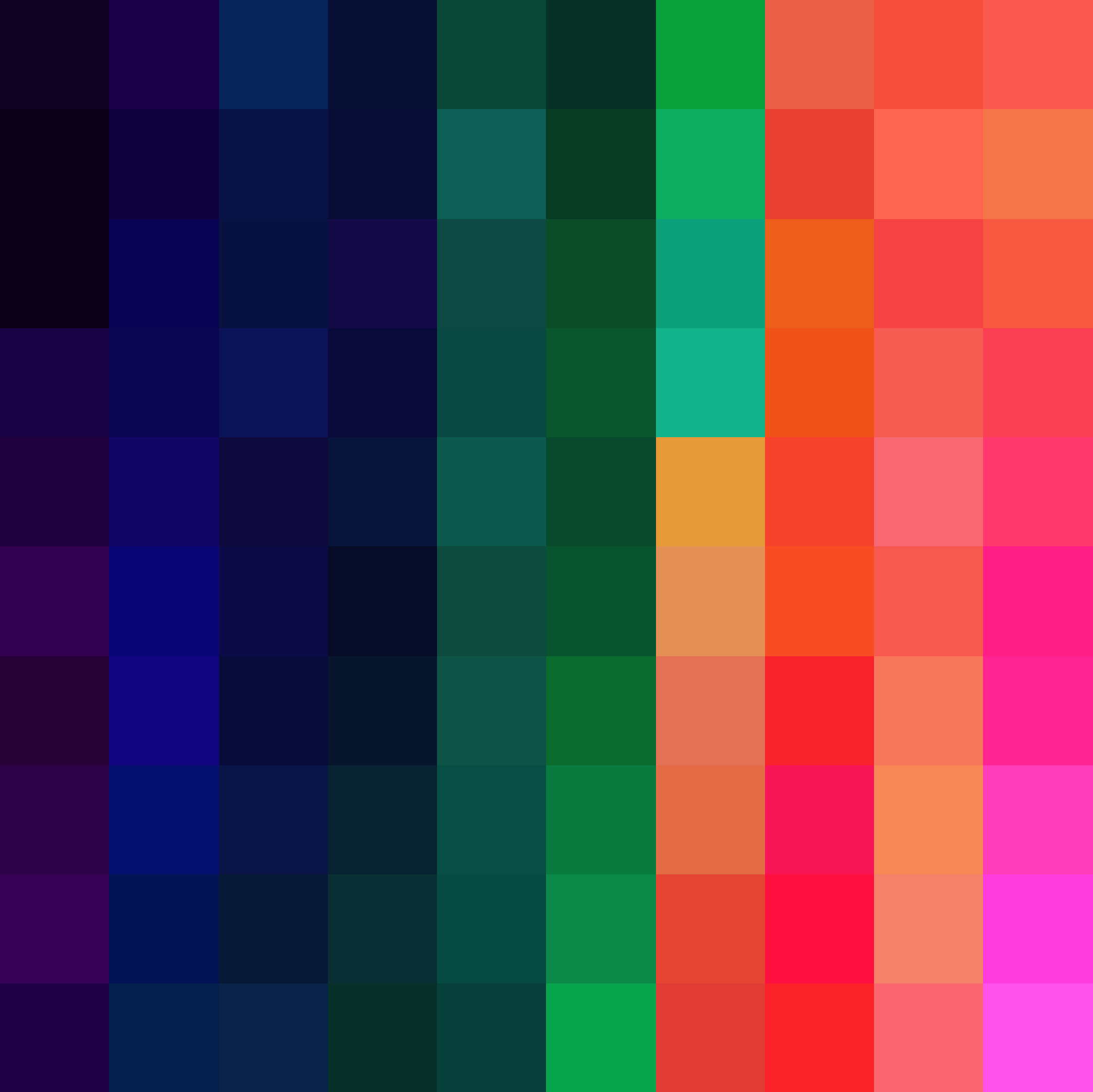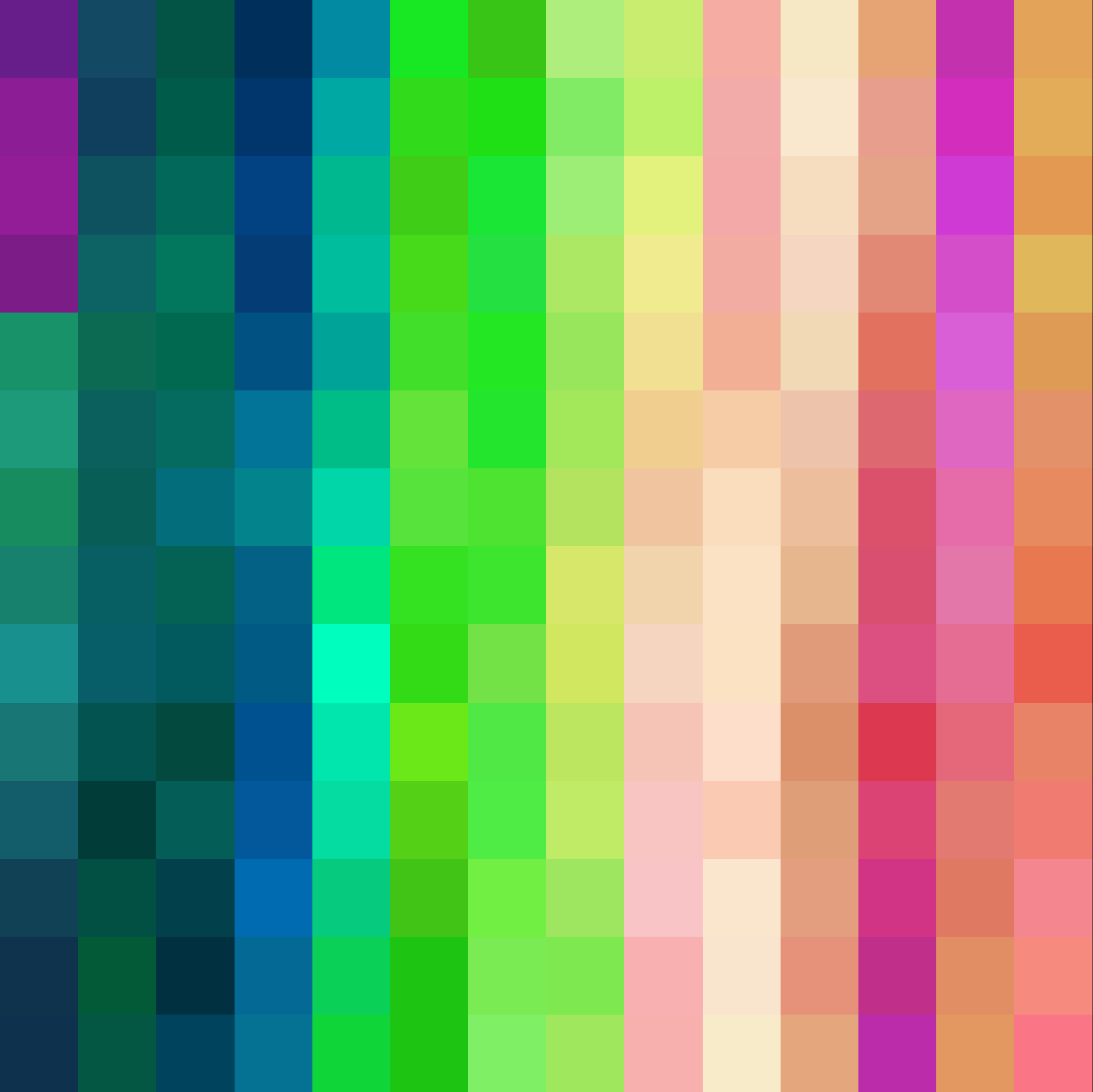There's a monochrome pixel gradient in this 12 by 12 grid. It is red.

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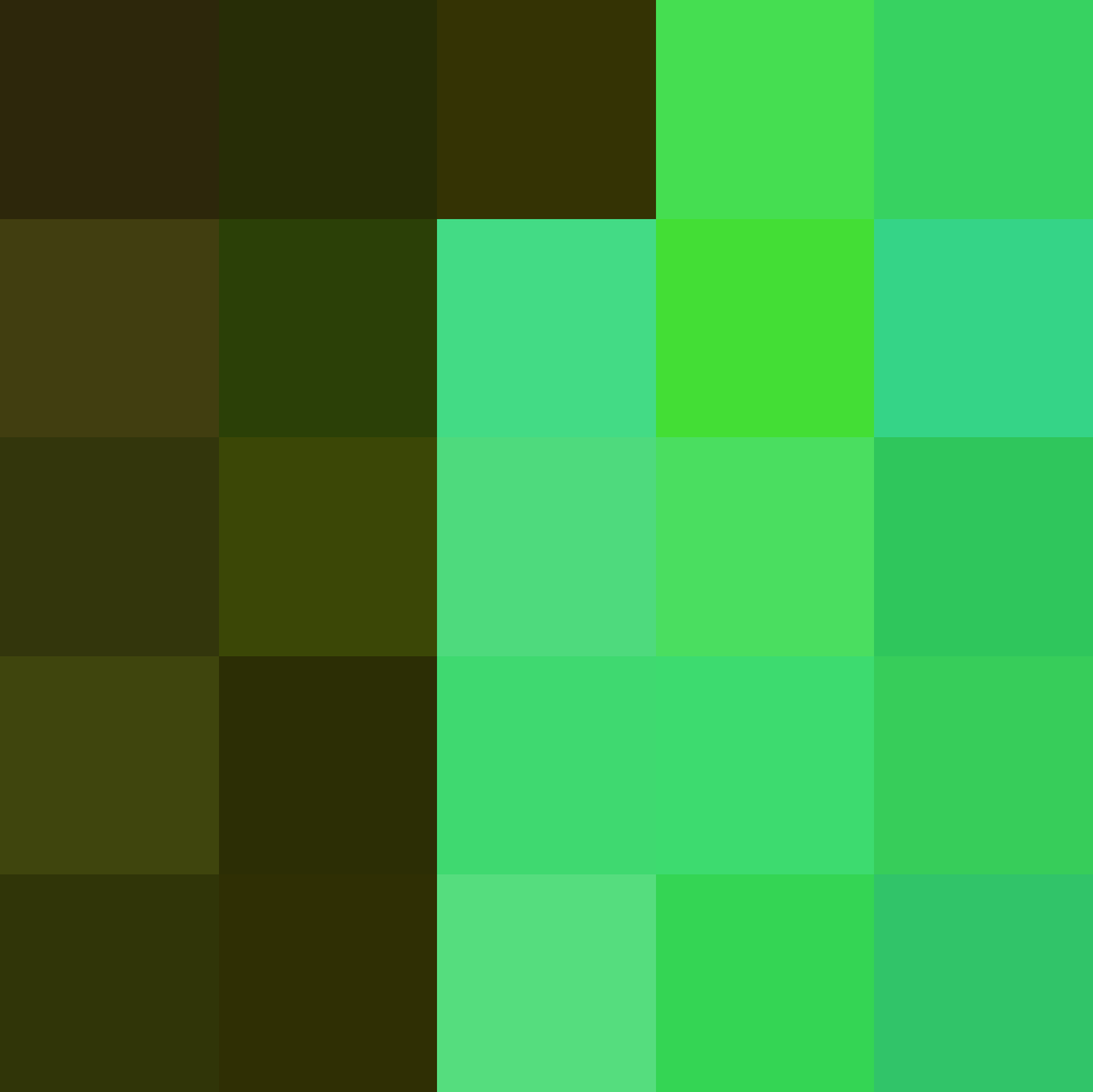
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, but it also has some red, some yellow, some green, a bit of magenta, a bit of blue, a little bit of purple, a little bit of indigo, a little bit of lime, a little bit of rose,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

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

A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some yellow, and a little bit of lime in it.
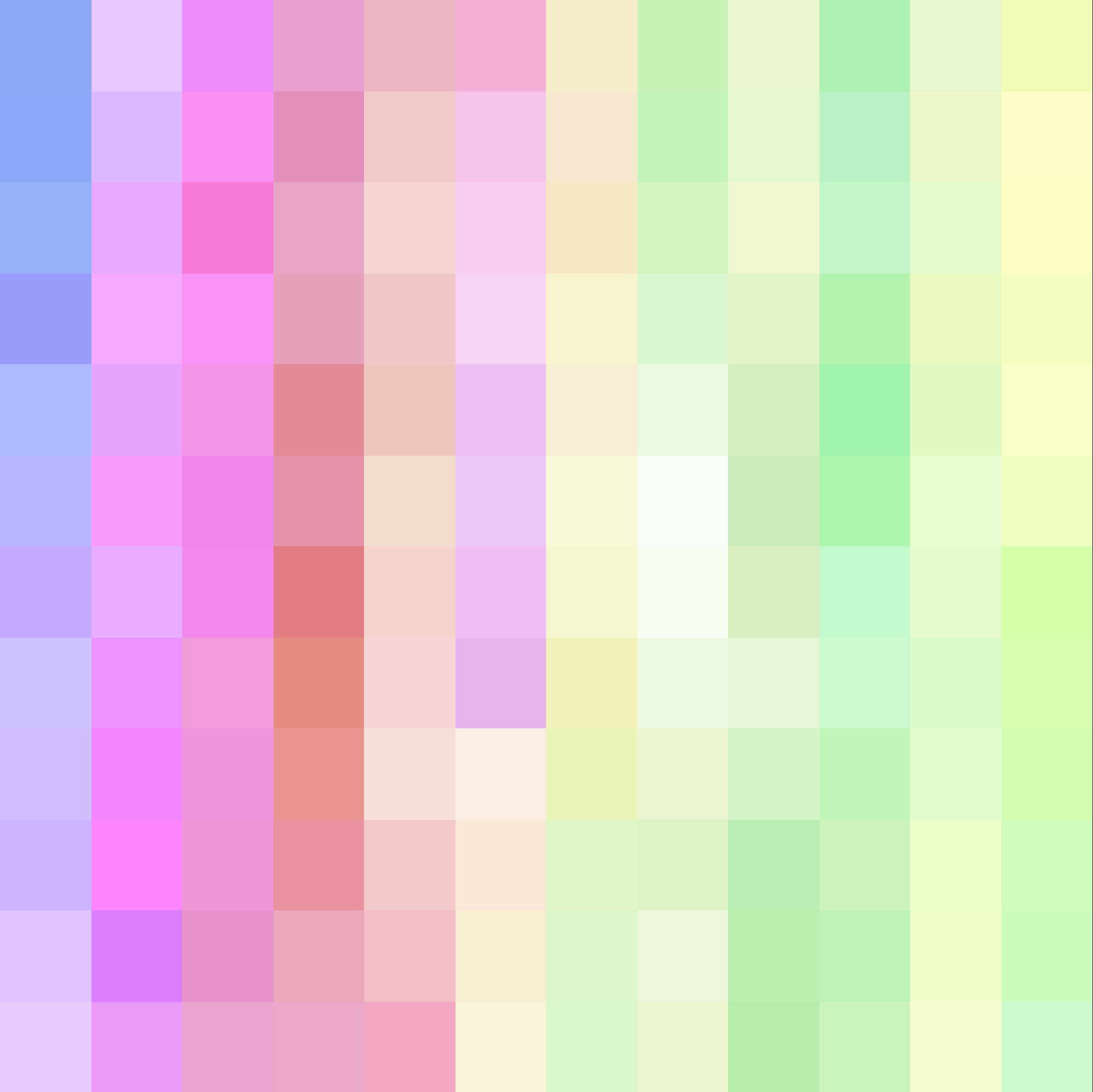
The very, very colourful gradient in this 12 by 12 pixel grid is mostly green, and it also has some magenta, a bit of red, a bit of yellow, a bit of lime, a bit of purple, a little bit of rose, a little bit of orange, a little bit of blue, a little bit of indigo, and a tiny bit of violet in it.
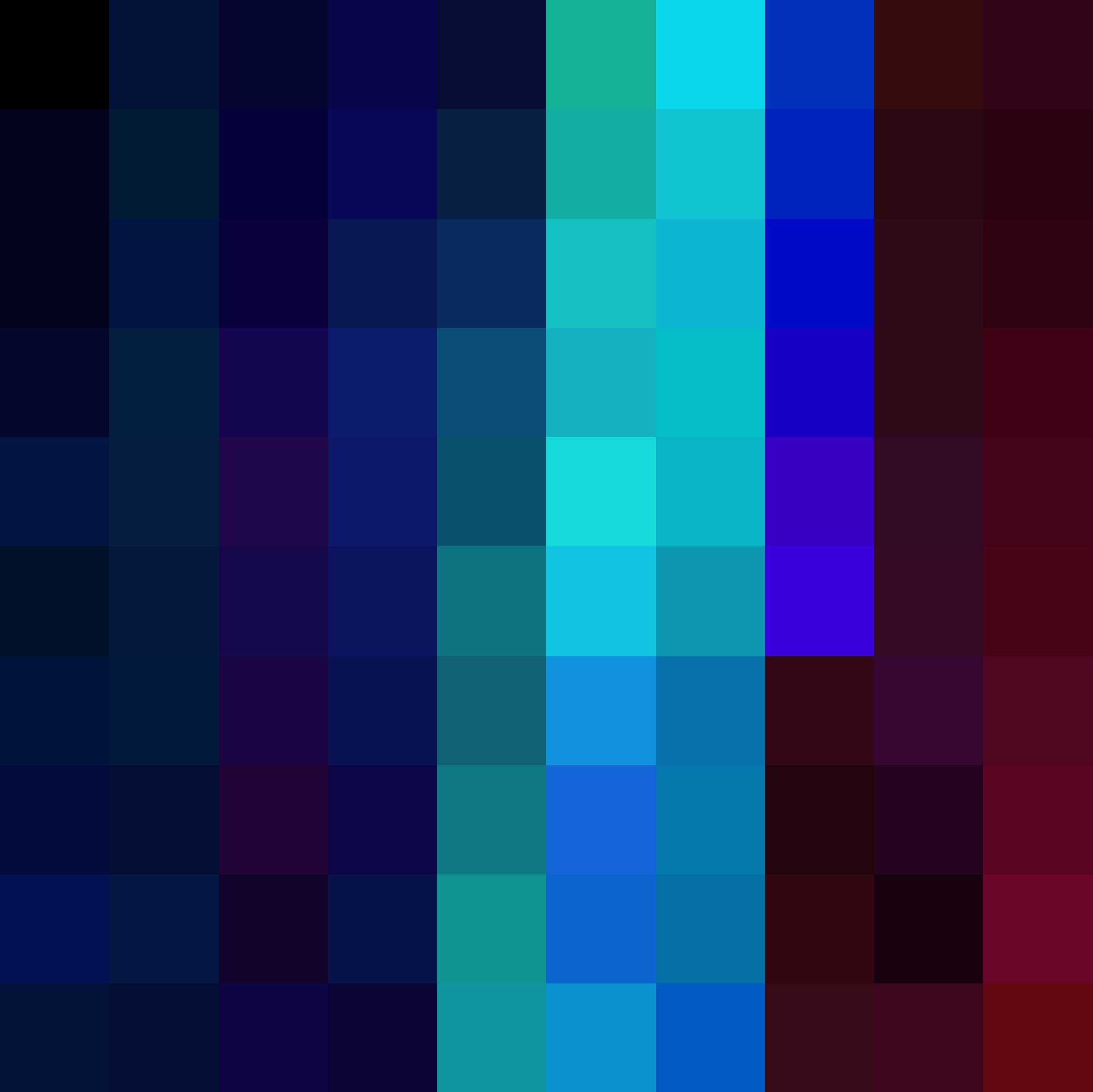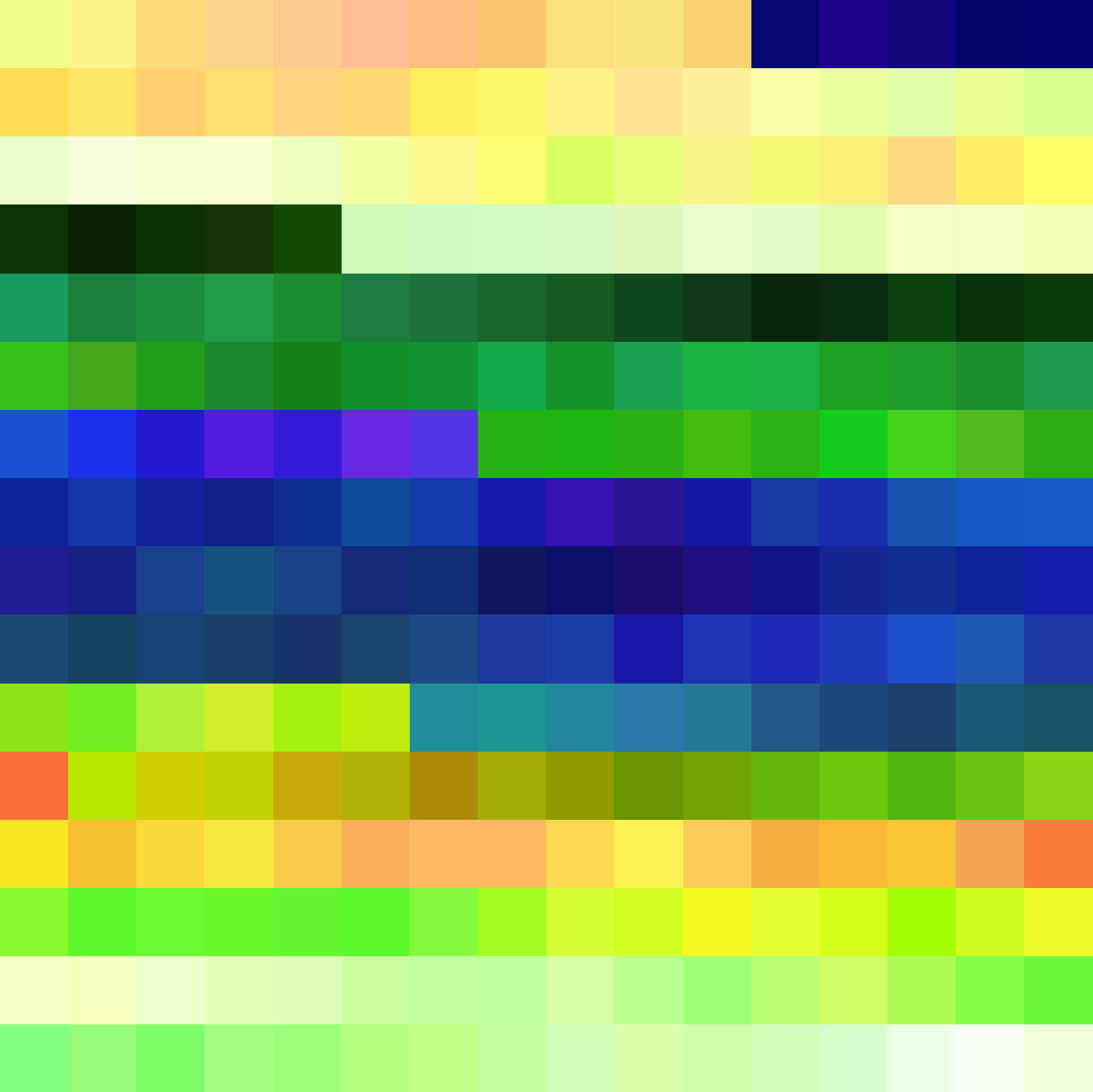
There's a very, very colourful pixel gradient in this 10 by 10 grid. It is mostly blue, but it also has some cyan, some indigo, some rose, a bit of red, a little bit of magenta, a tiny bit of violet, and a tiny bit of purple in it.
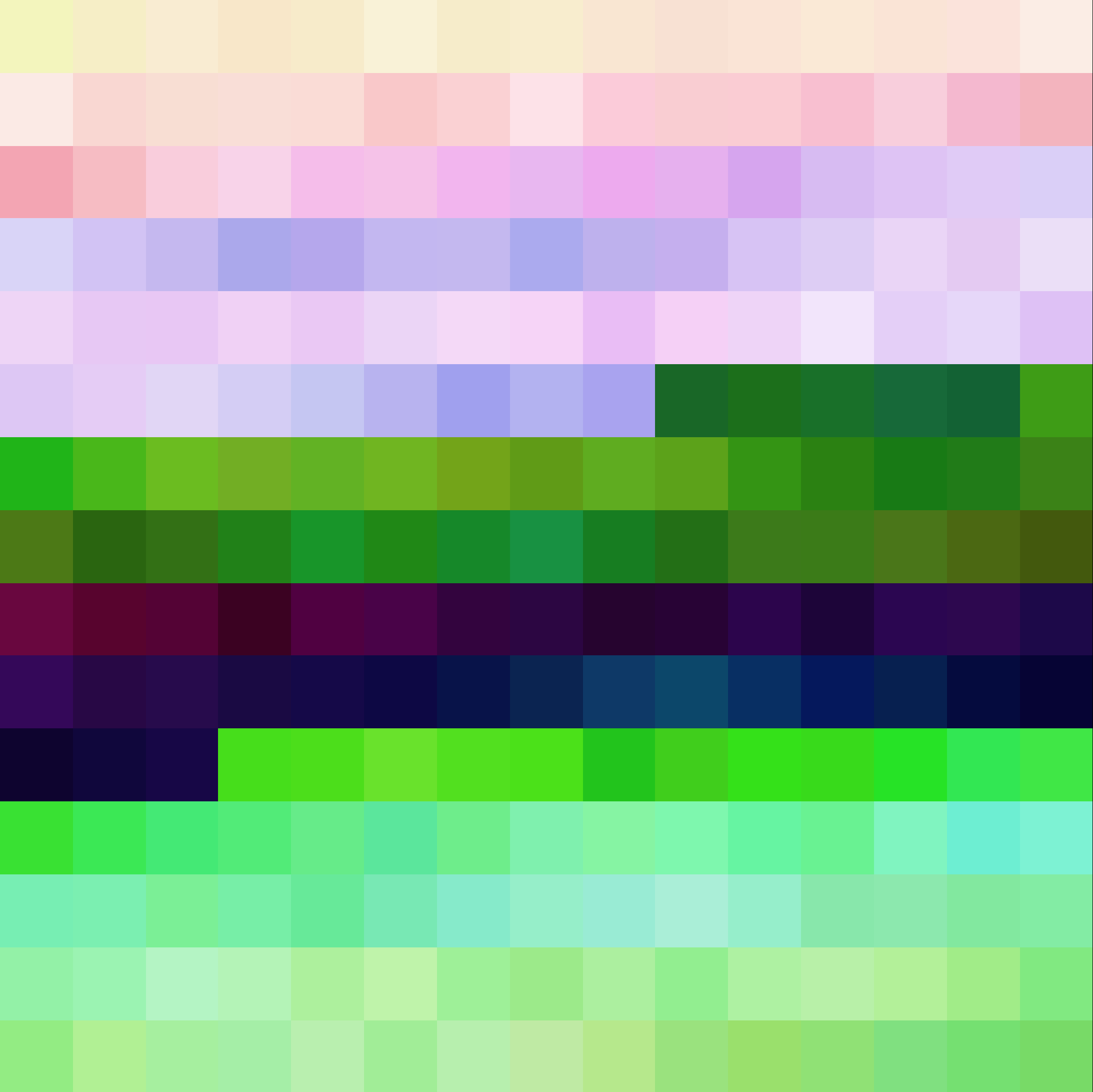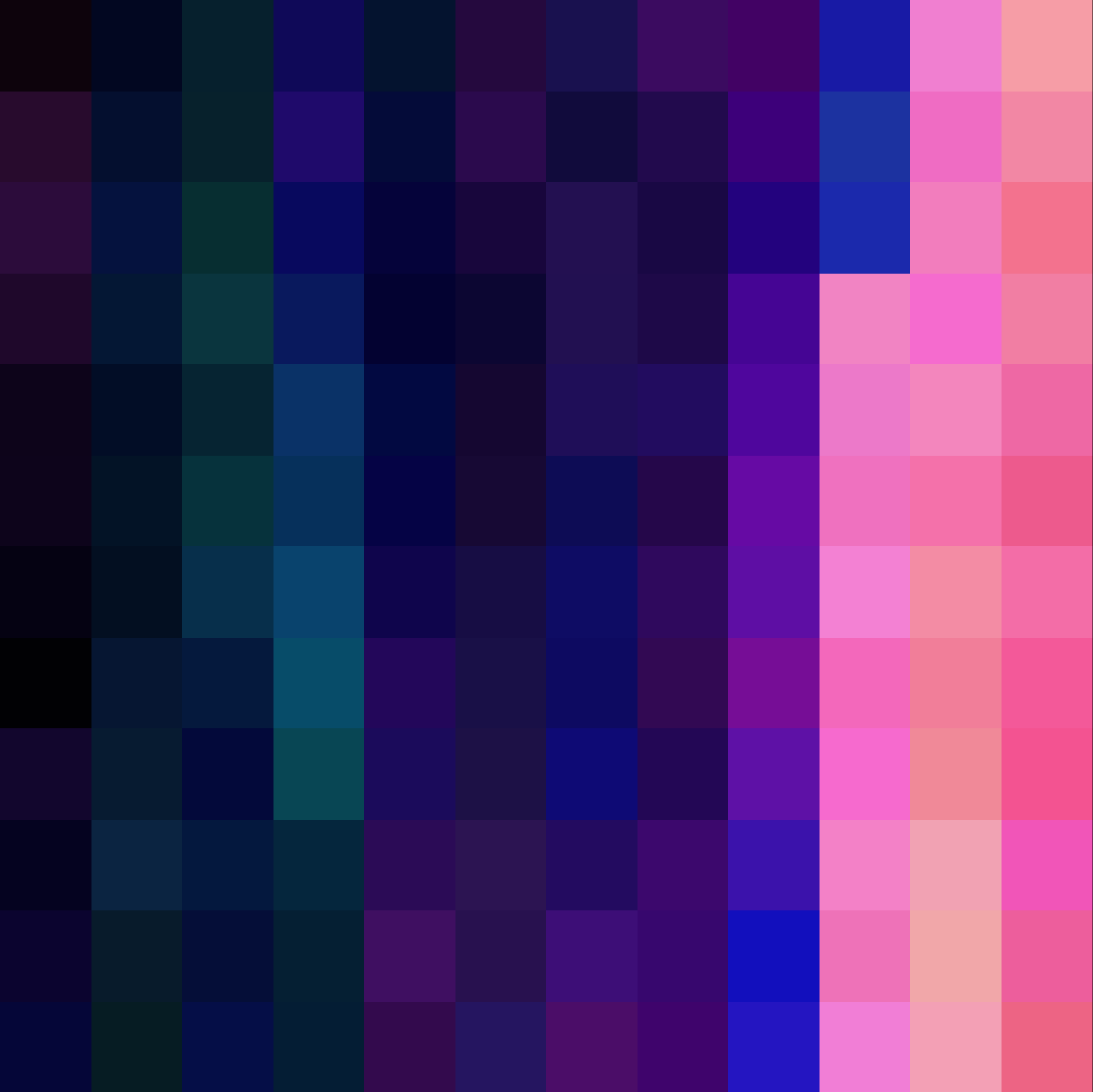
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, but it also has quite some red, a little bit of orange, a little bit of purple, a little bit of indigo, a little bit of blue, a tiny bit of magenta, a tiny bit of yellow, a tiny bit of violet, a tiny bit of cyan, a tiny bit of lime, and a tiny bit of rose in it.
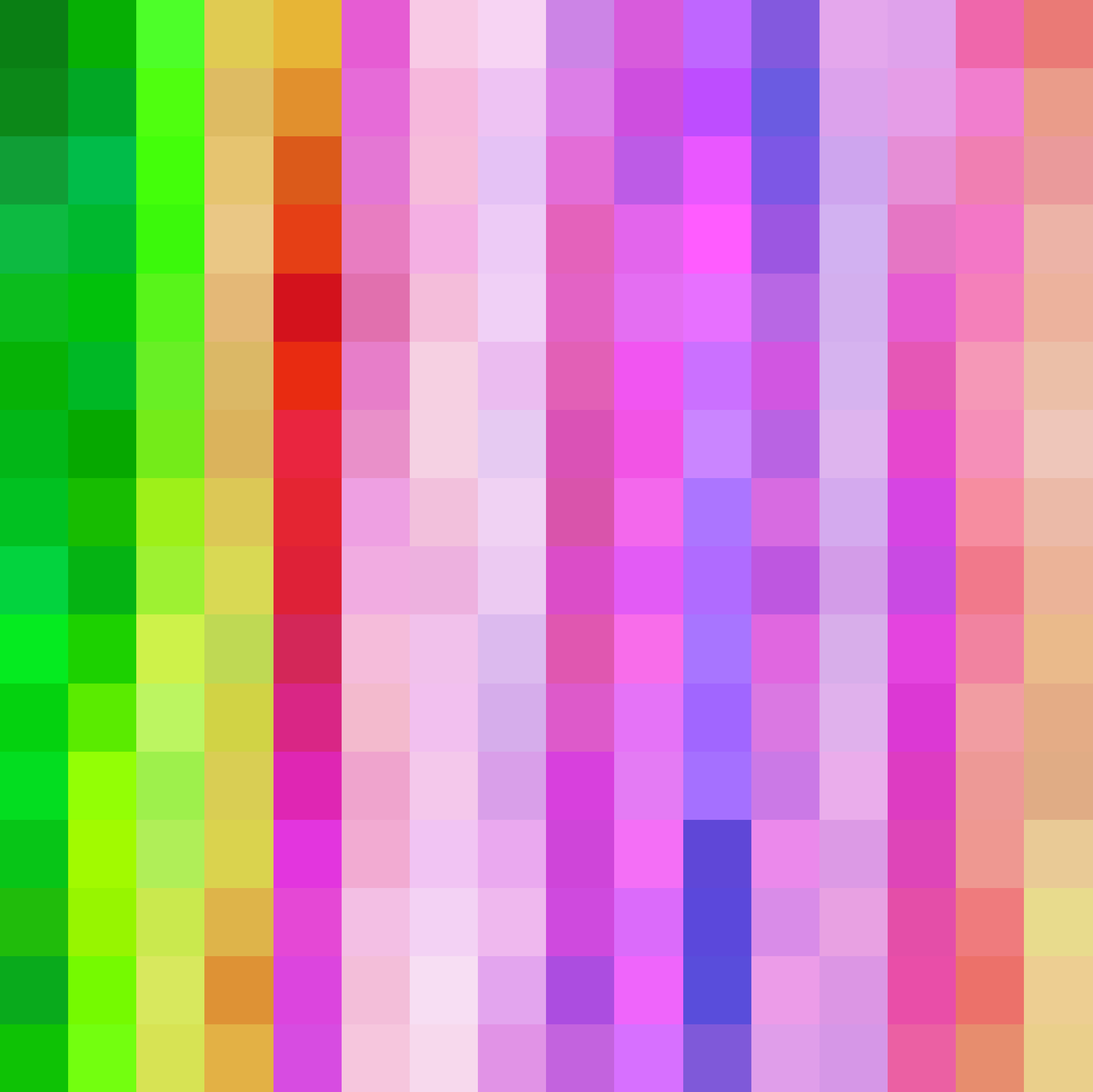
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, and it also has quite some blue, some yellow, a bit of orange, a bit of lime, a little bit of indigo, a tiny bit of cyan, and a tiny bit of violet in it.

Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly indigo, and it also has quite some blue, some purple, a bit of violet, a bit of magenta, a bit of rose, a little bit of red, and a little bit of cyan in it.
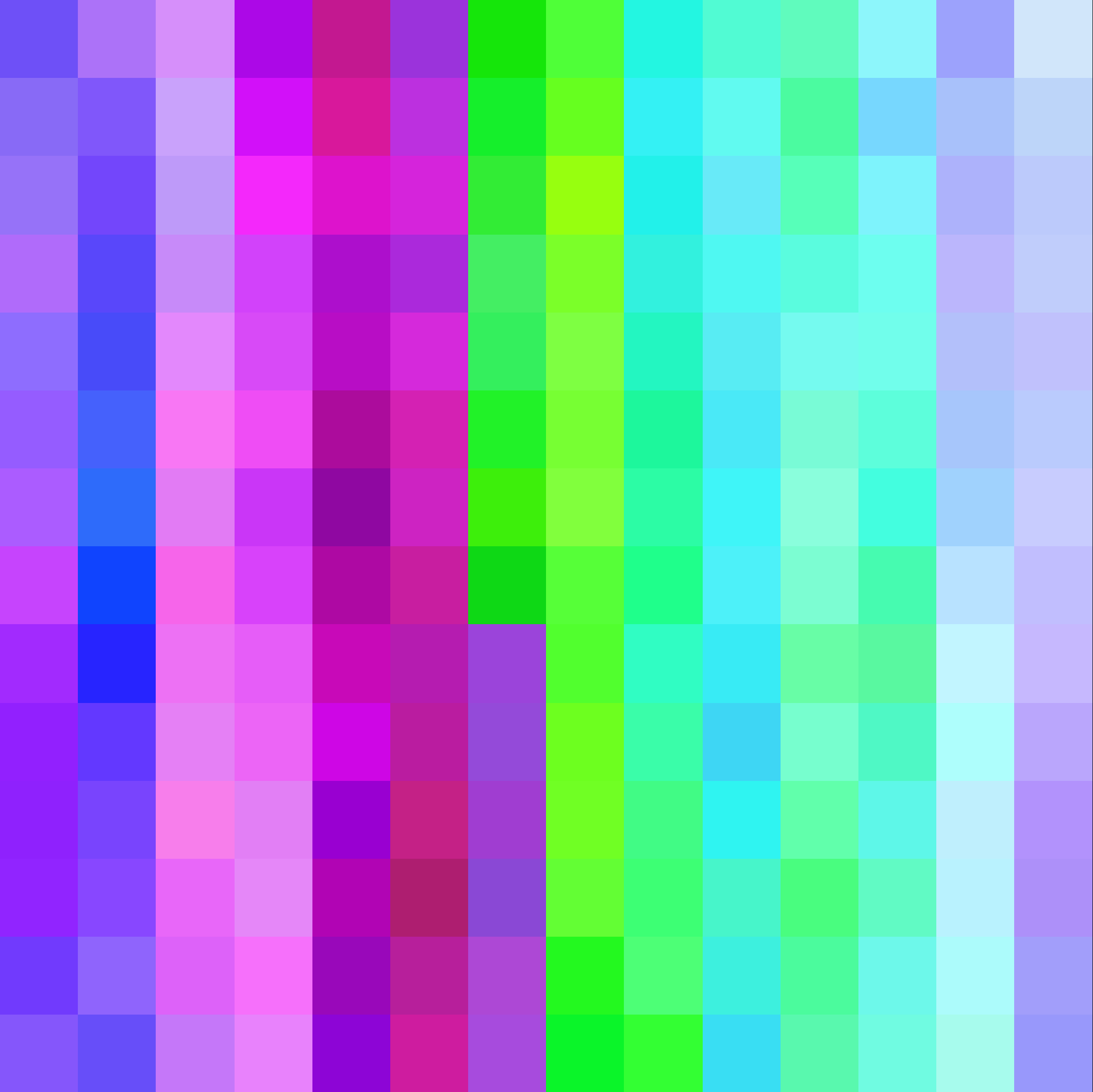
A very, very colourful grid of 256 blocks. It's mostly red, and it also has some green, some magenta, a bit of orange, a bit of purple, a little bit of yellow, a little bit of indigo, a little bit of rose, a tiny bit of lime, and a tiny bit of violet in it.
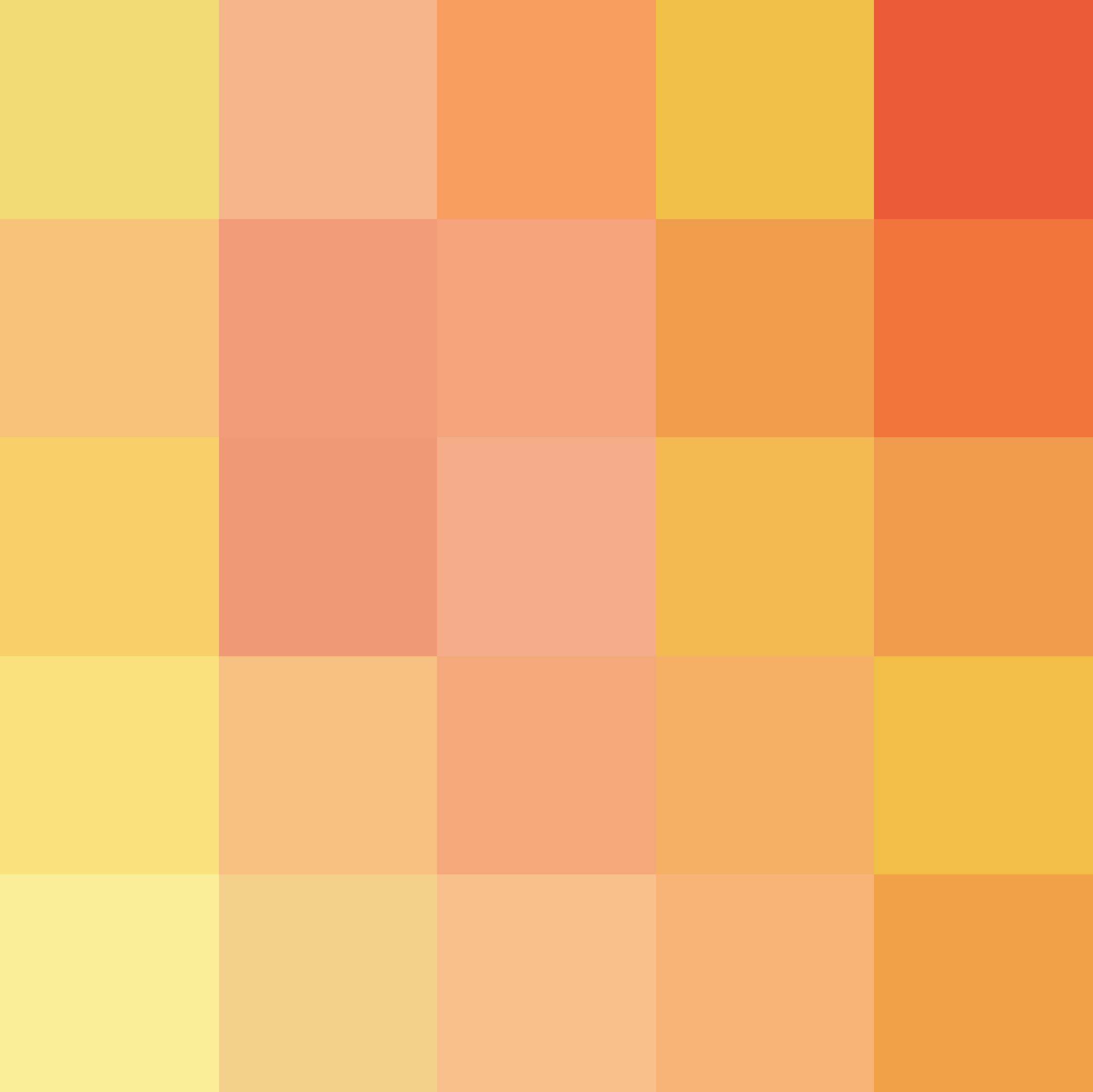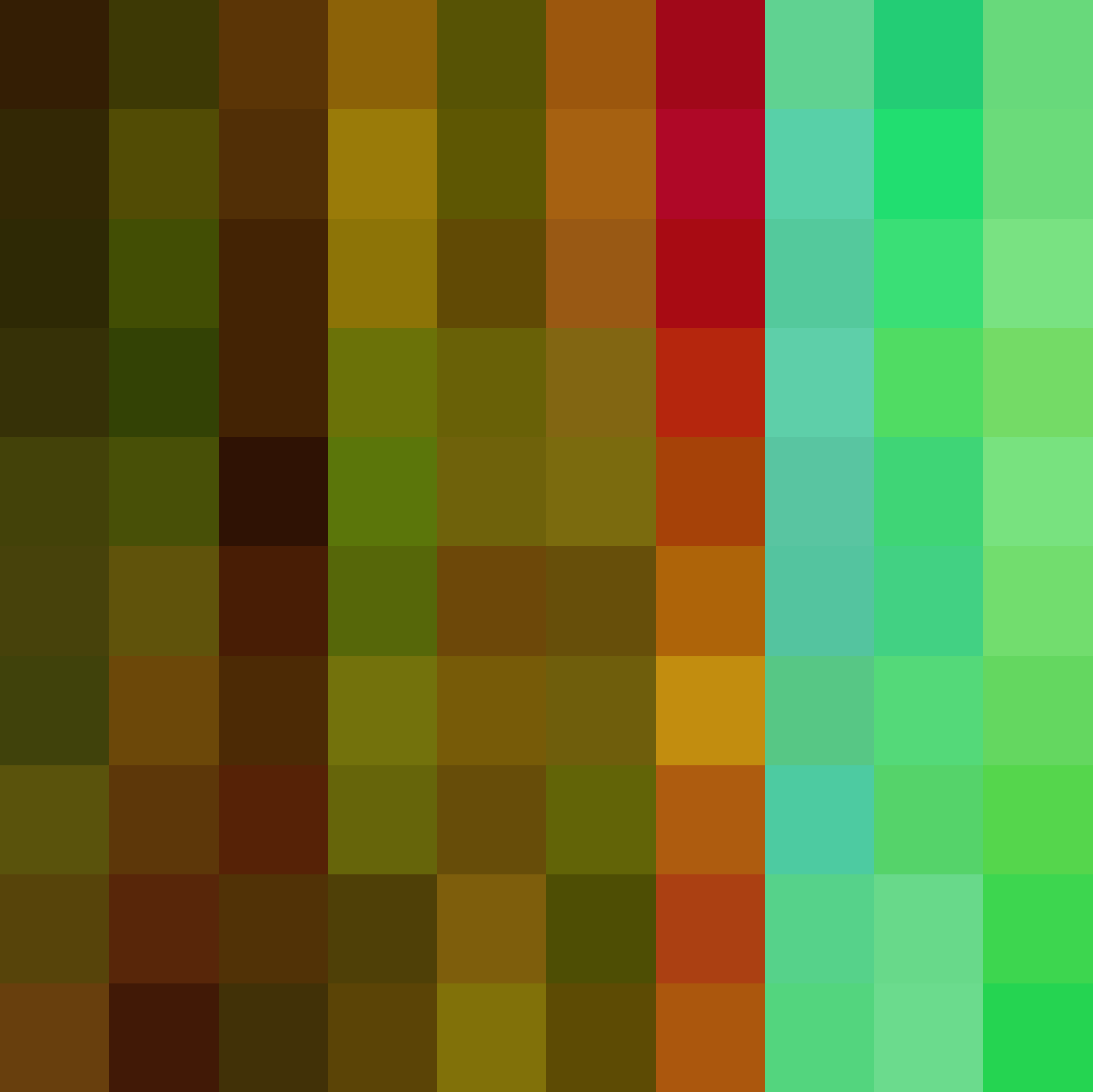
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly orange, but it also has some yellow, and a little bit of red in it.
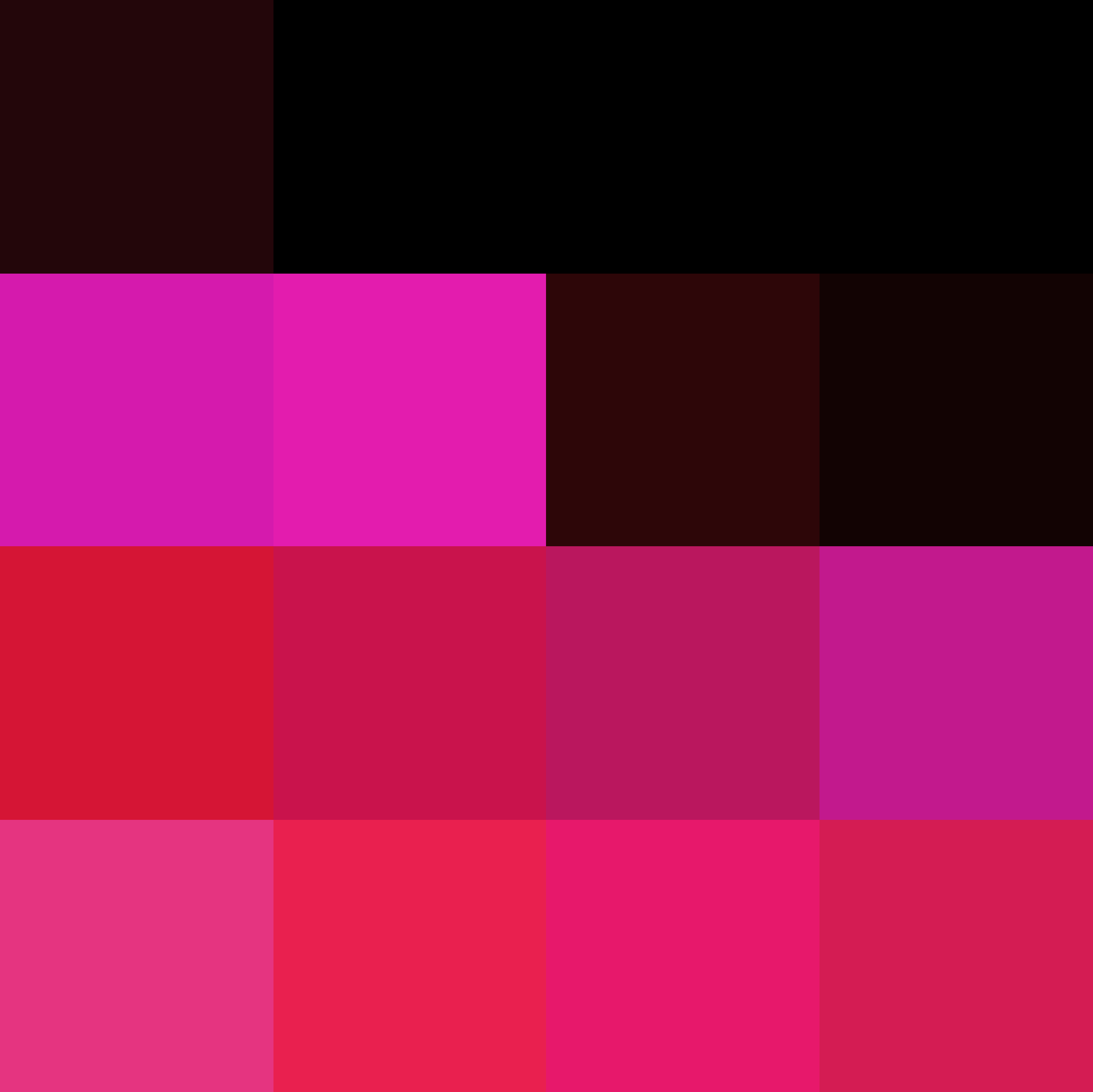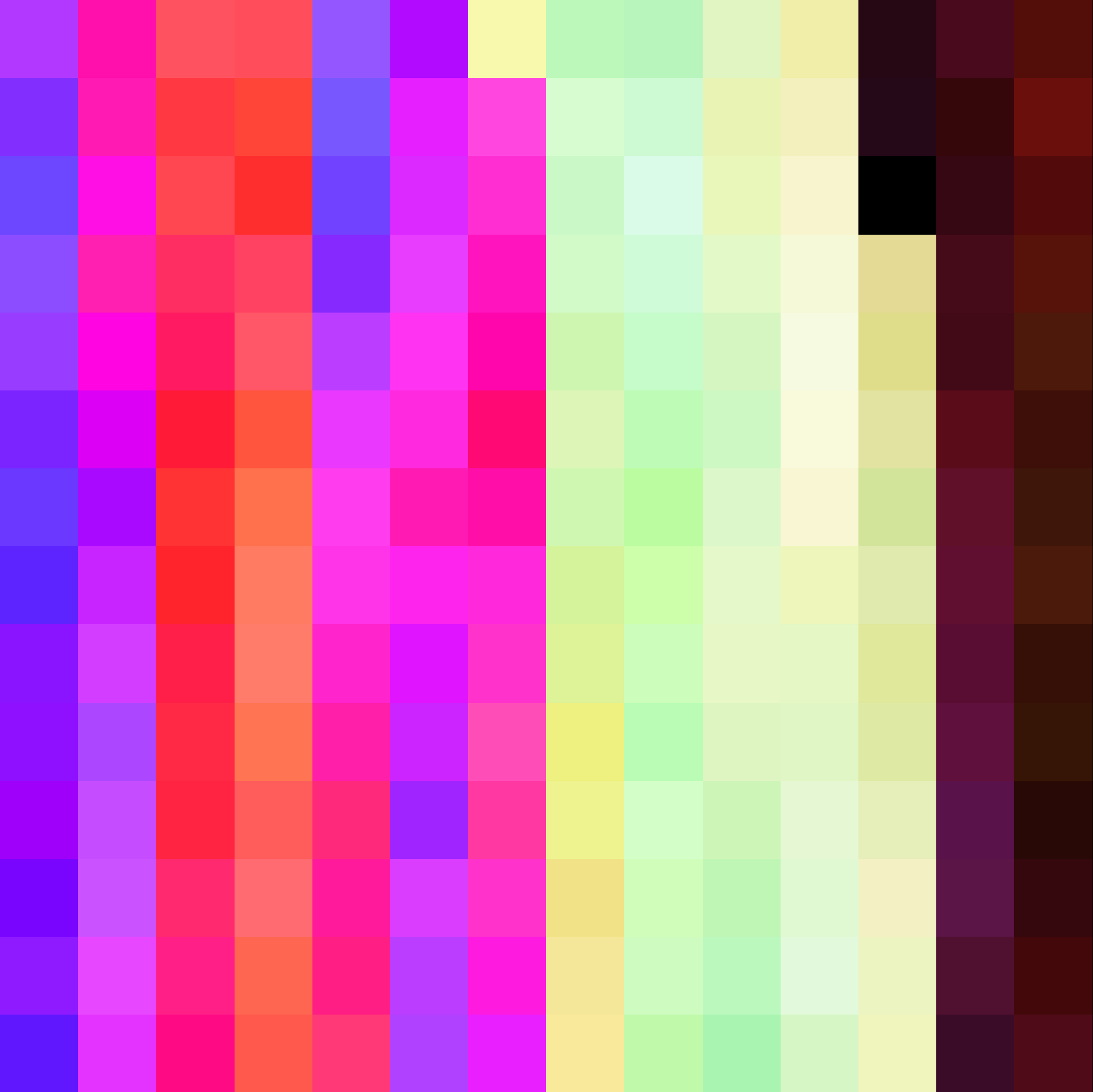
The cells in this 4 by 4 pixel grid form a gradient. It is mostly red, but it also has quite some rose, and some magenta in it.

This very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, but it also has some cyan, some magenta, some purple, some indigo, a bit of blue, and a little bit of violet in it.

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

The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly red, but it also has quite some green, some magenta, some yellow, a bit of purple, a bit of rose, a little bit of violet, a little bit of indigo, a little bit of lime, and a tiny bit of orange in it.
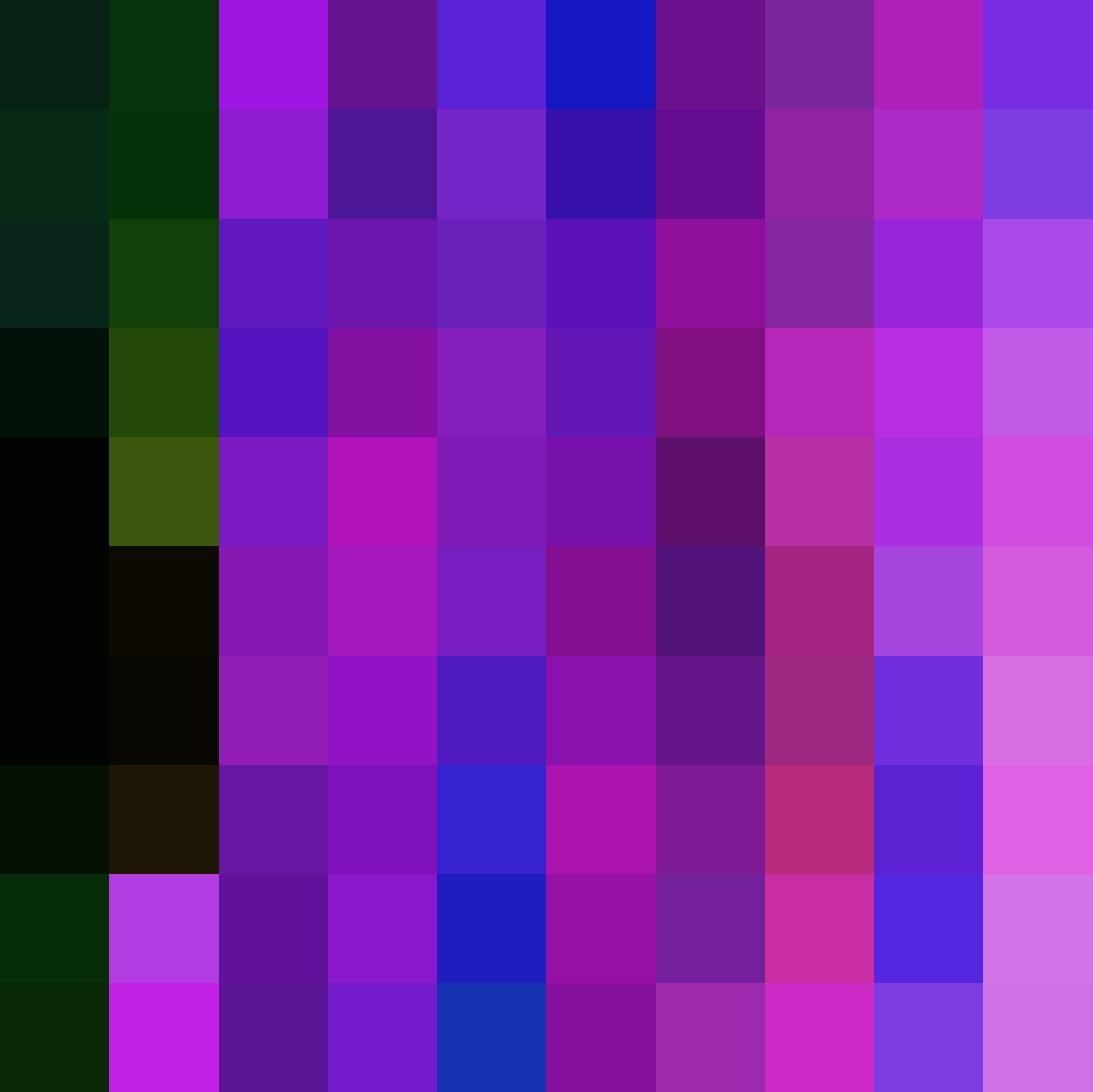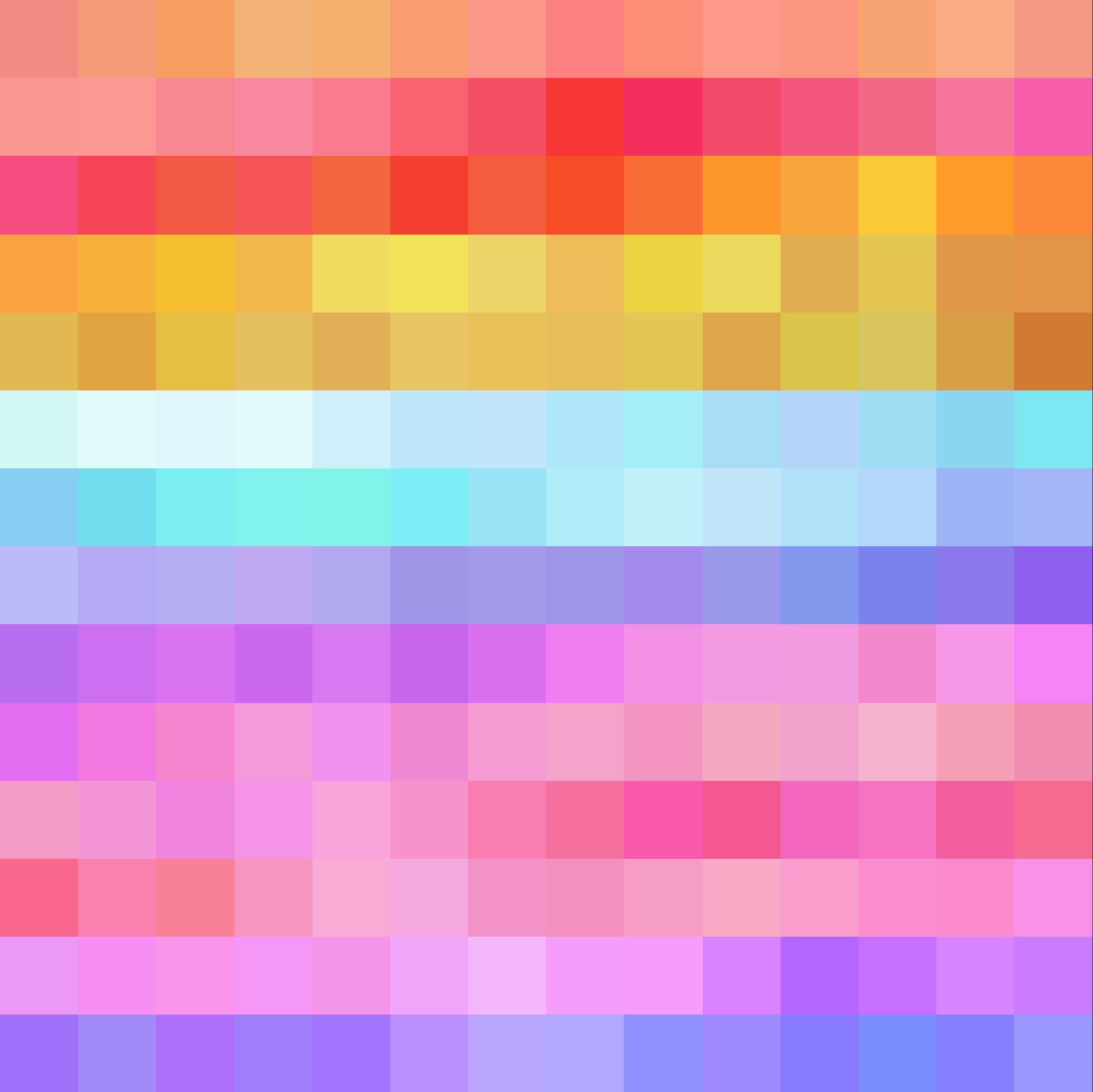
A very colourful grid of 100 blocks. It's mostly purple, but it also has some magenta, some green, some violet, a bit of indigo, a little bit of orange, and a tiny bit of blue in it.
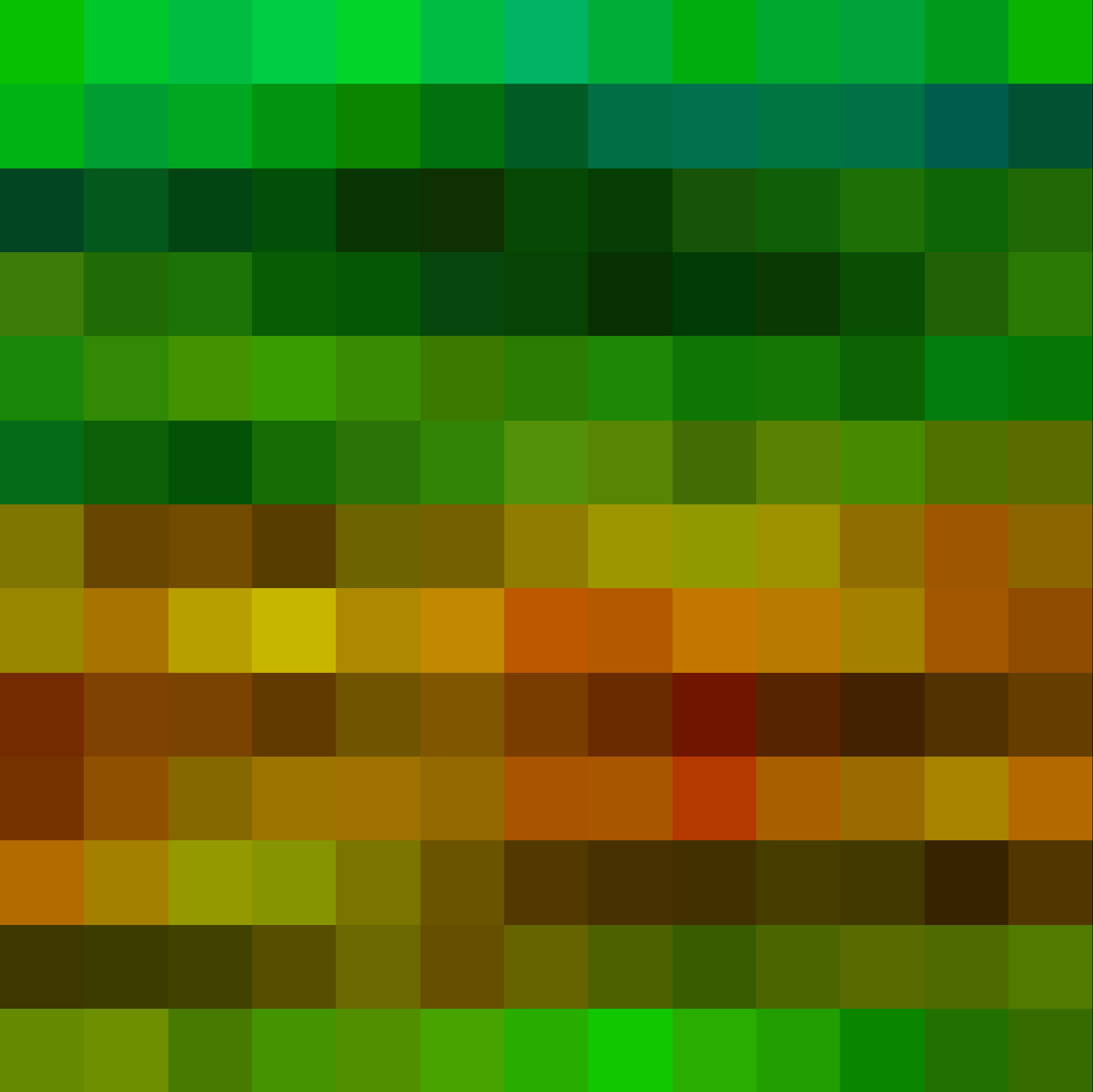
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has some purple, some rose, and a tiny bit of violet in it.

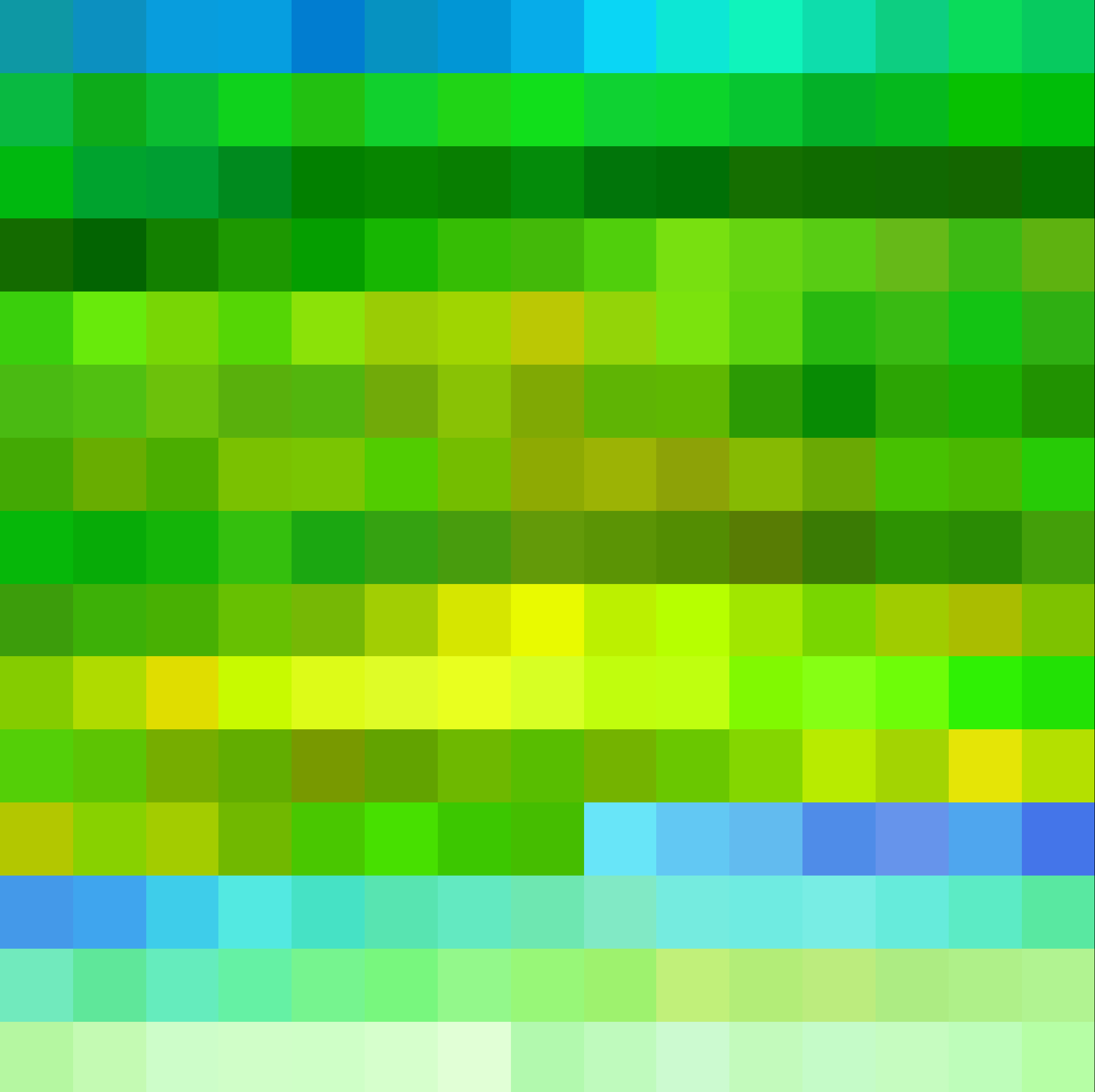This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly magenta, but it also has some orange, some red, some rose, a bit of indigo, a bit of blue, a bit of cyan, a little bit of purple, a little bit of yellow, and a tiny bit of violet in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly green, and it also has quite some cyan, and a little bit of blue in it.
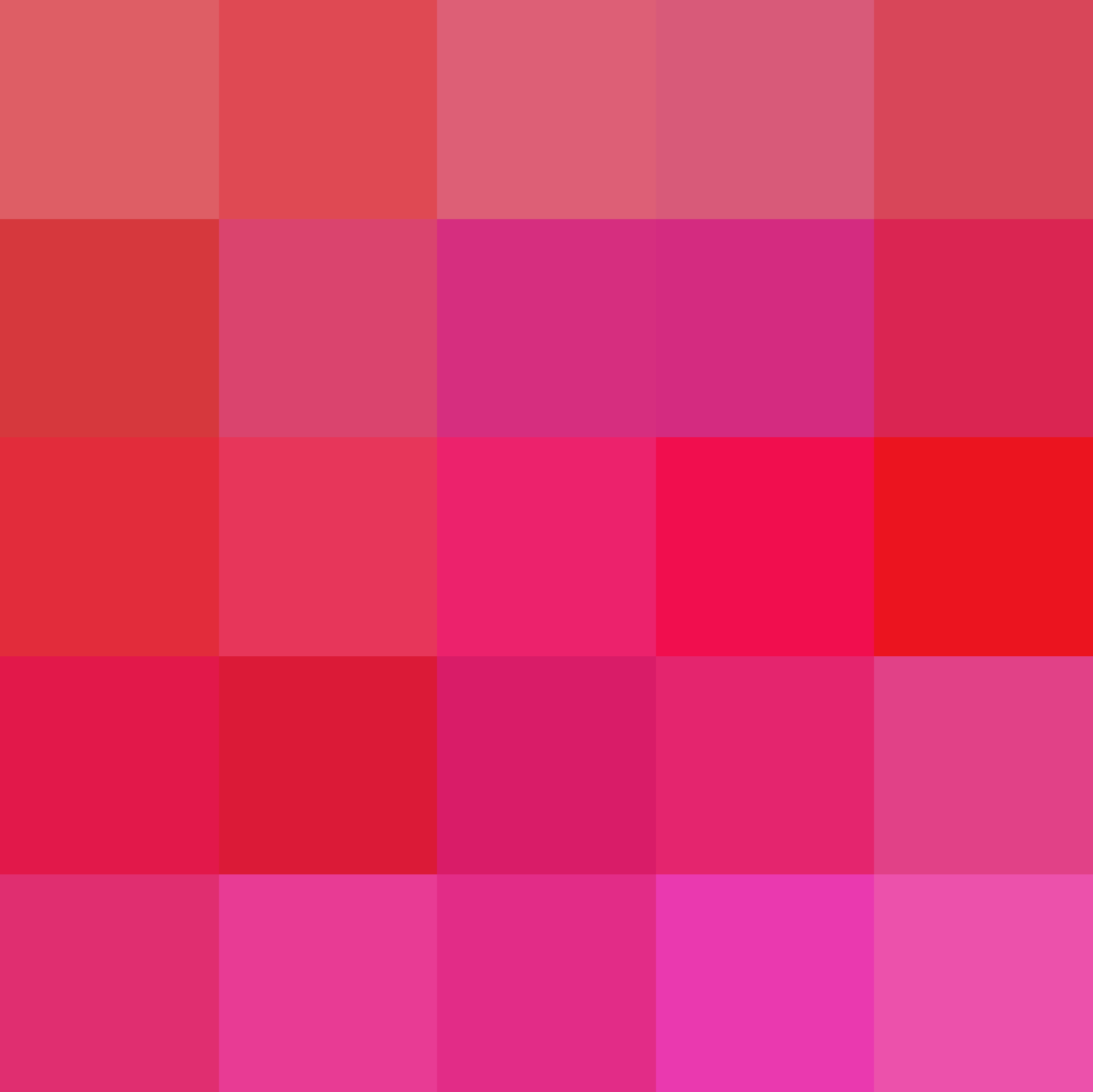
A 13 by 13 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some orange, some yellow, a little bit of lime, a tiny bit of cyan, and a tiny bit of red in it.

A grid with 225 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has a bit of lime, a bit of blue, a little bit of cyan, and a little bit of yellow in it.
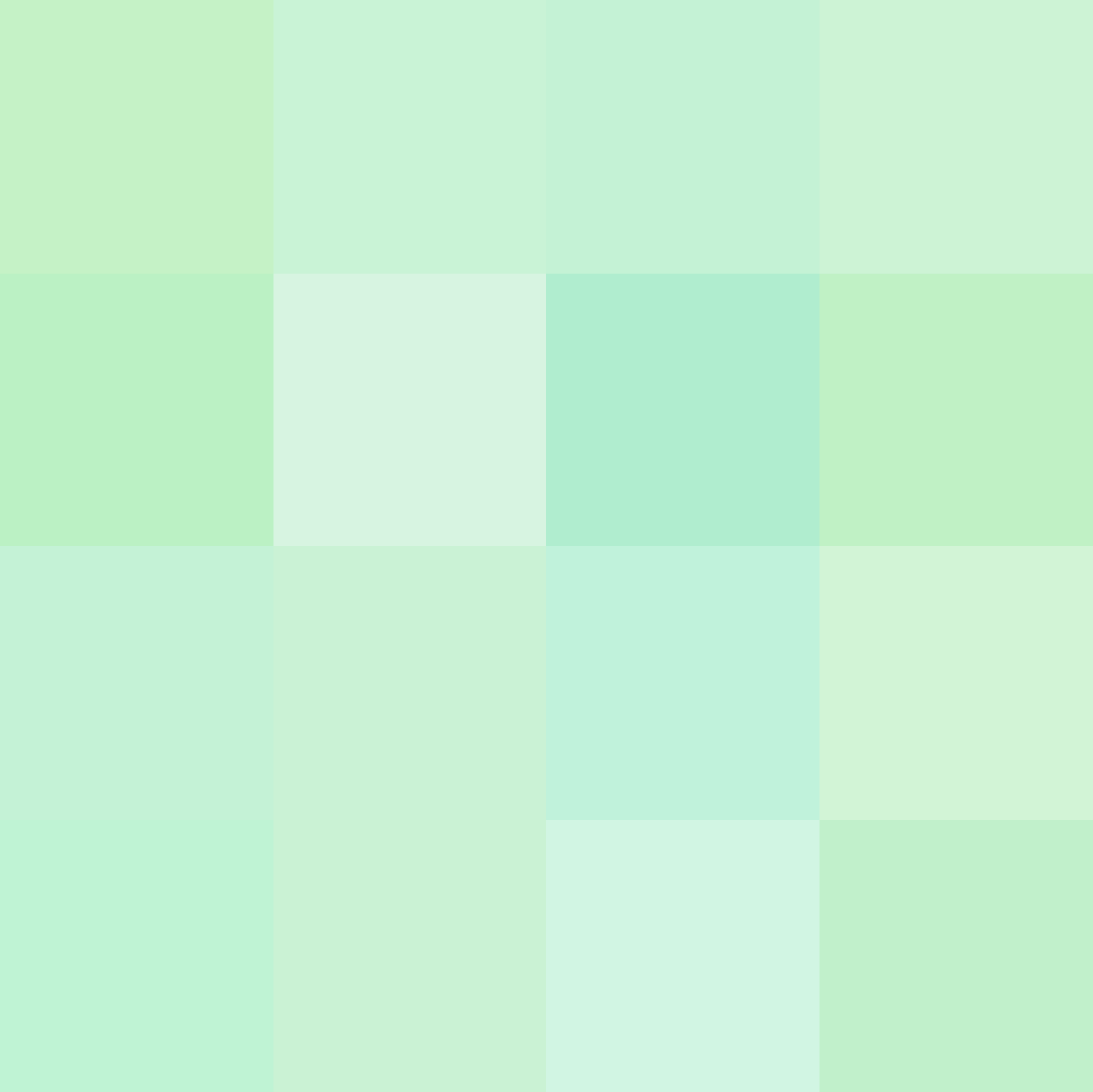
This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly purple, but it also has some magenta, some indigo, some violet, and a little bit of blue in it.
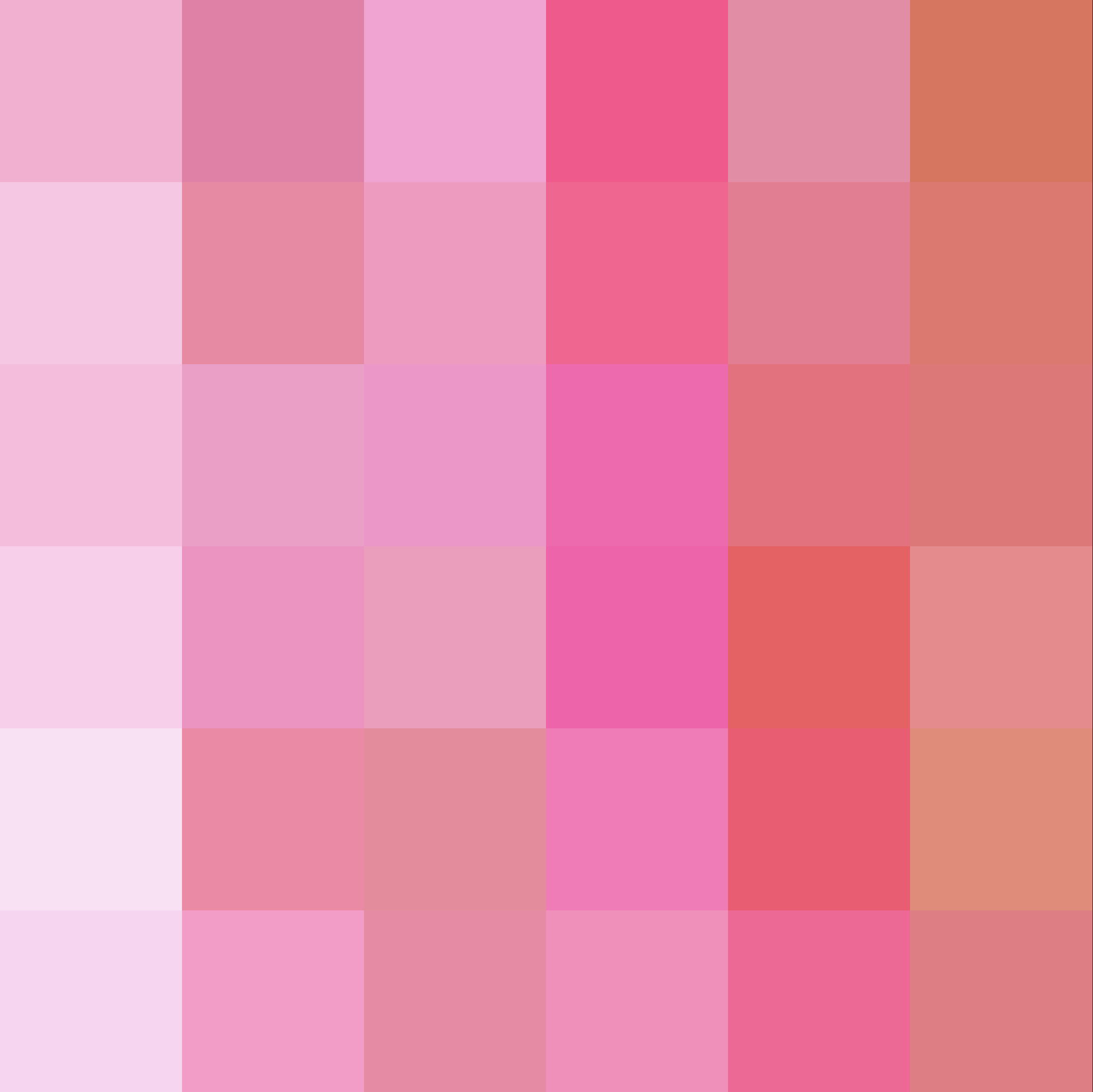
This gradient, generated in this 5 by 5 pixel grid, is mostly red, and it also has a lot of rose, and a bit of magenta in it.
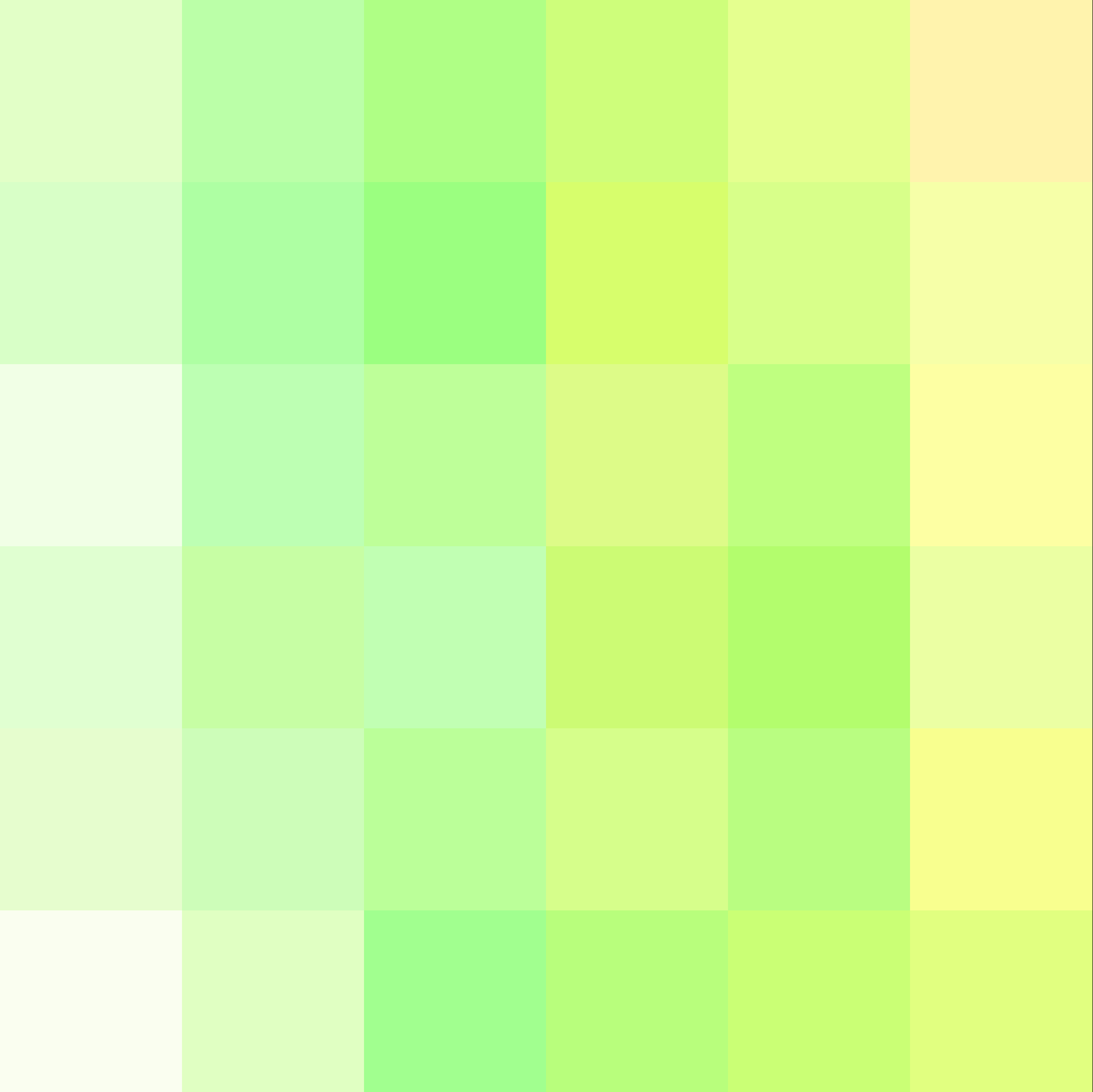
The monochrome gradient in this 4 by 4 pixel grid is green.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly rose, but it also has quite some red, and some magenta 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 some lime, and some yellow in it.

A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some green, some cyan, and a bit of blue in it.

A grid of 25 blocks. It's mostly blue, and it also has quite some violet, some indigo, and some purple in it.

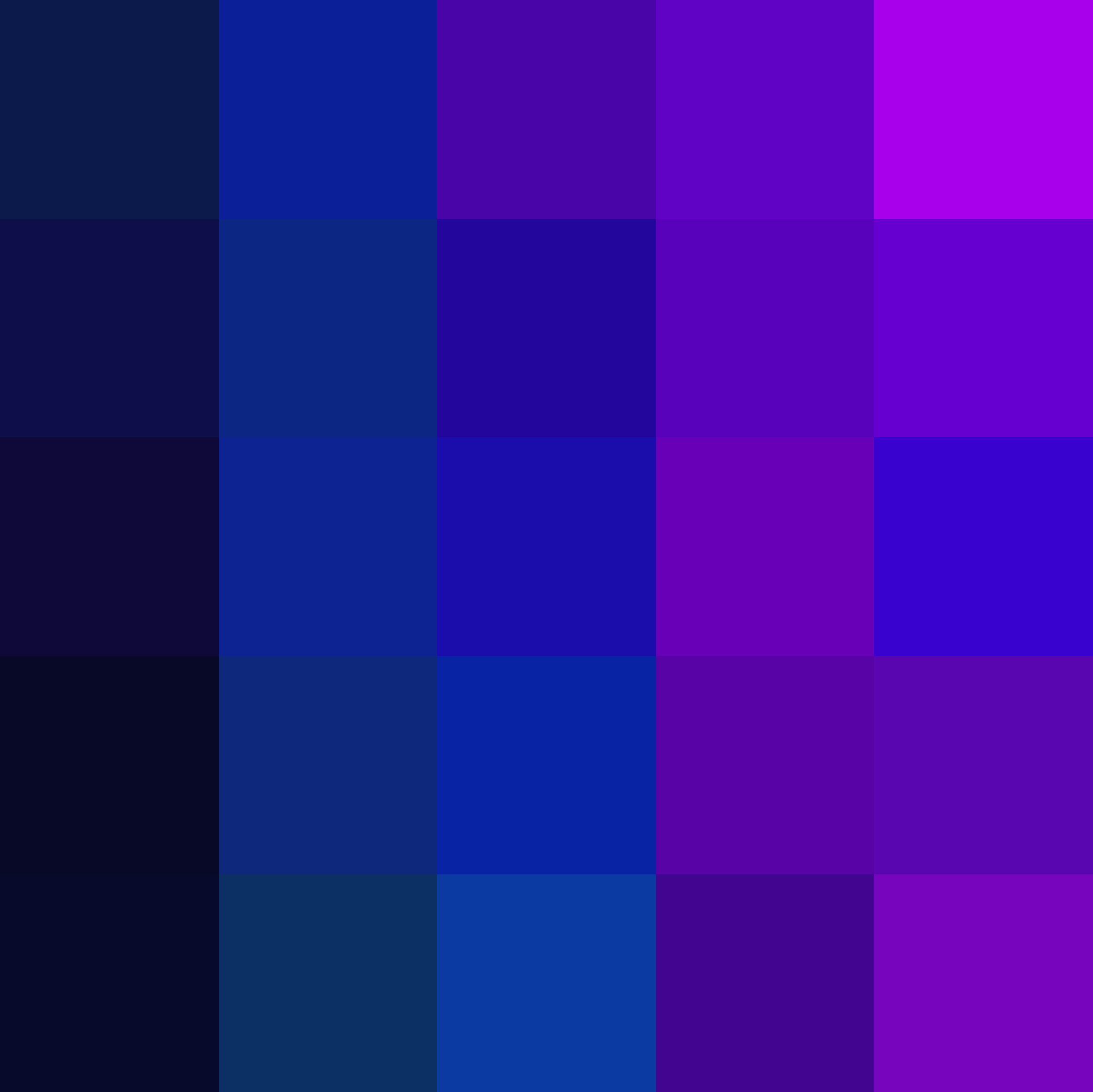A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some cyan, a little bit of rose, and a little bit of magenta in it.
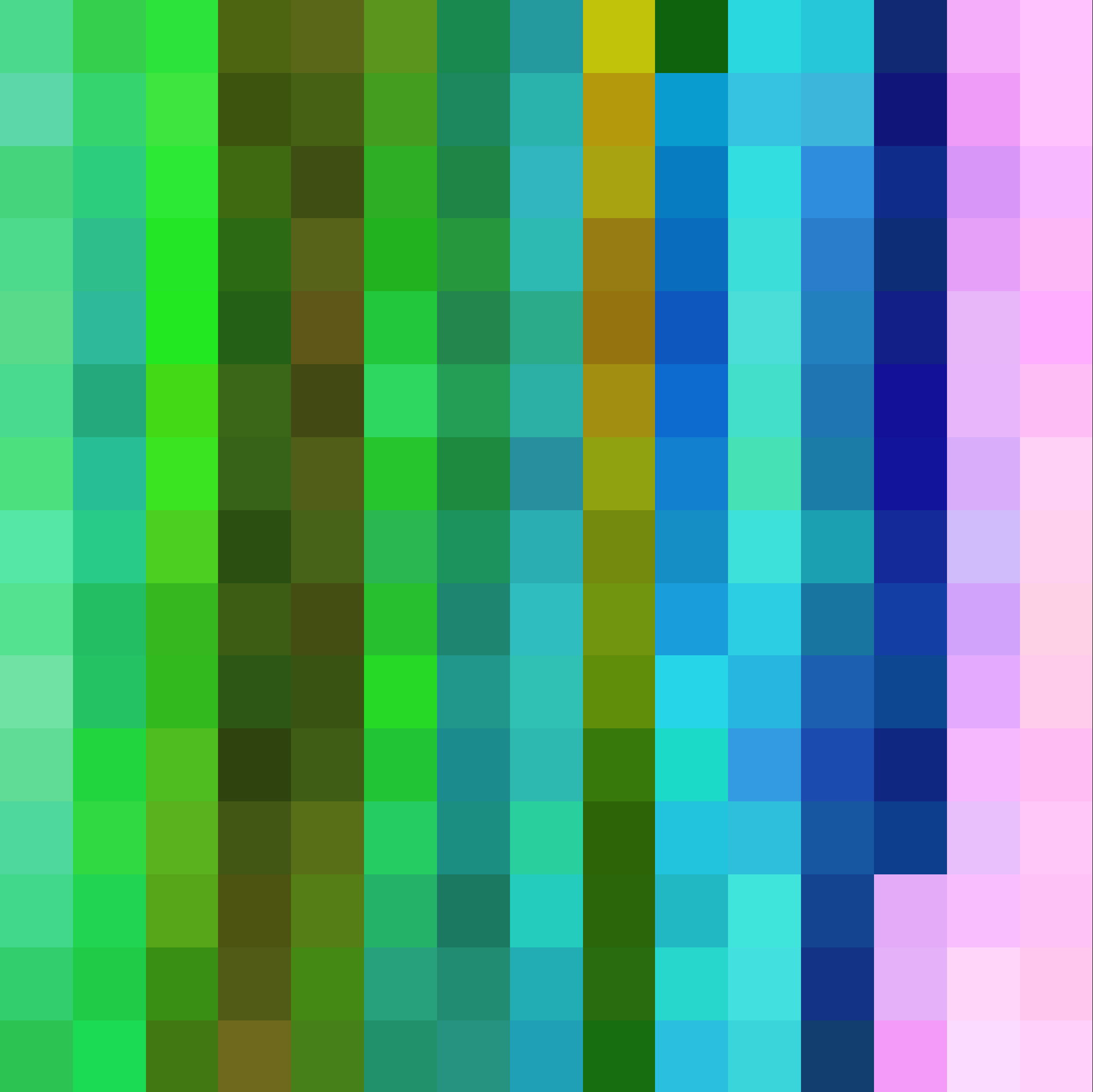
The very colourful gradient in this 13 by 13 pixel grid is mostly magenta, but it also has quite some red, some rose, some purple, a little bit of orange, a little bit of yellow, and a tiny bit of violet in it.

This gradient, generated in this 5 by 5 pixel grid, is mostly red, and it also has quite some rose, a bit of orange, and a little bit of magenta in it.
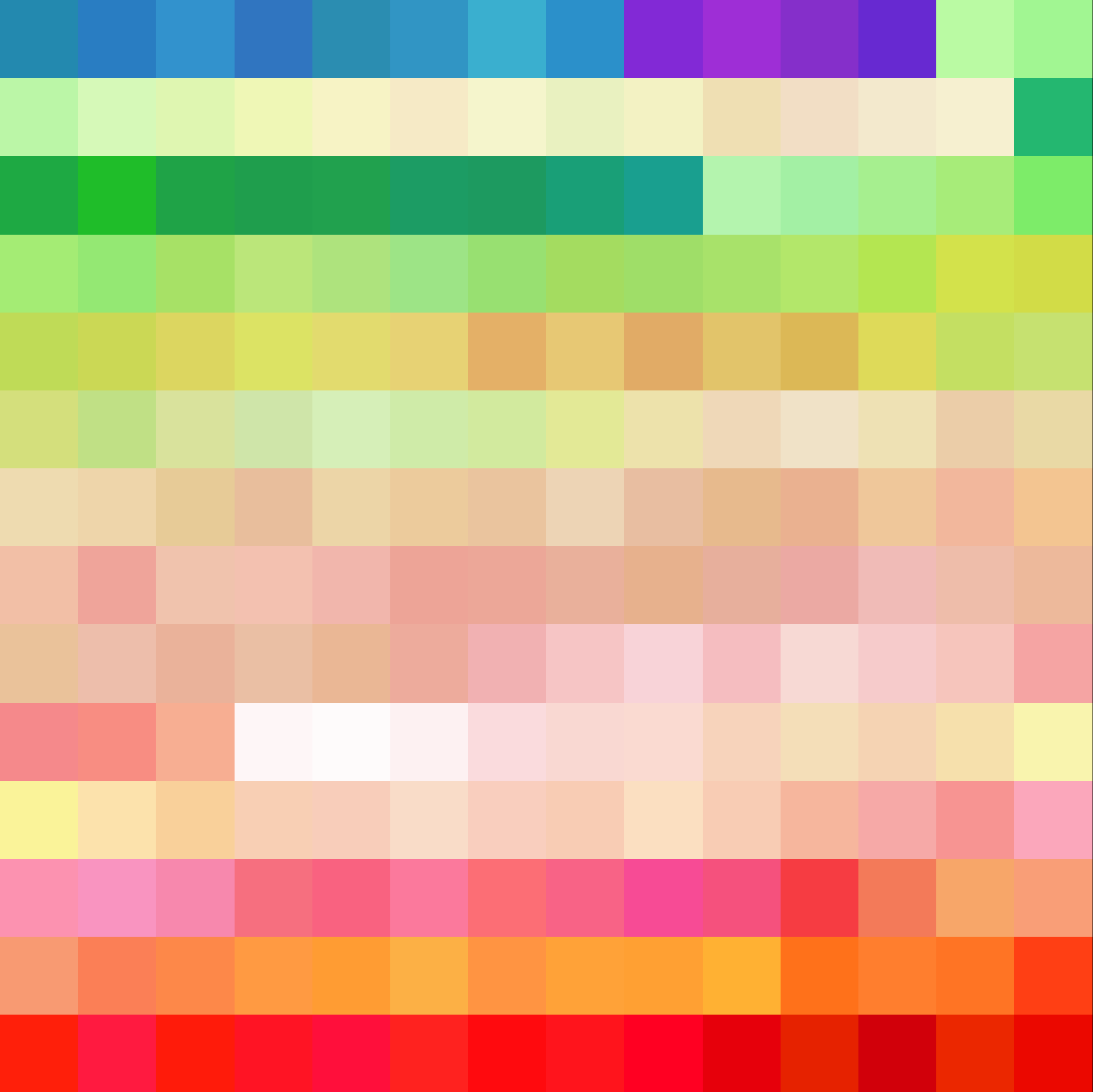
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, but it also has quite some cyan, some blue, a bit of magenta, a little bit of yellow, a little bit of purple, a little bit of lime, a tiny bit of indigo, a tiny bit of orange, and a tiny bit of rose in it.
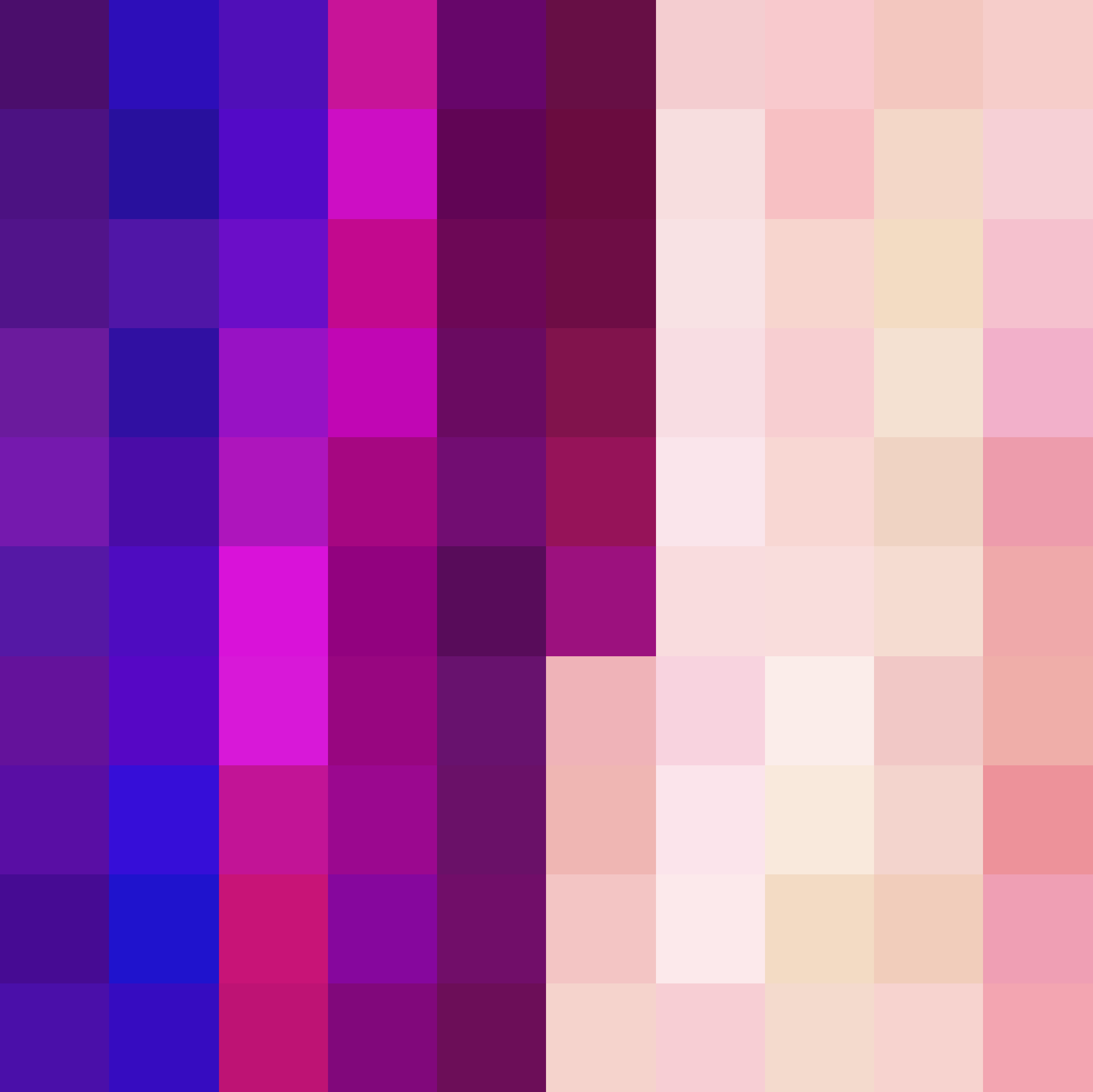
This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly red, and it also has quite some magenta, some violet, a bit of rose, a bit of orange, a bit of purple, and a little bit of indigo in it.

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

A very, very colourful grid of 196 blocks. It's mostly orange, and it also has quite some red, some green, some yellow, a little bit of blue, a little bit of rose, a tiny bit of lime, a tiny bit of purple, a tiny bit of cyan, and a tiny bit of violet in it.
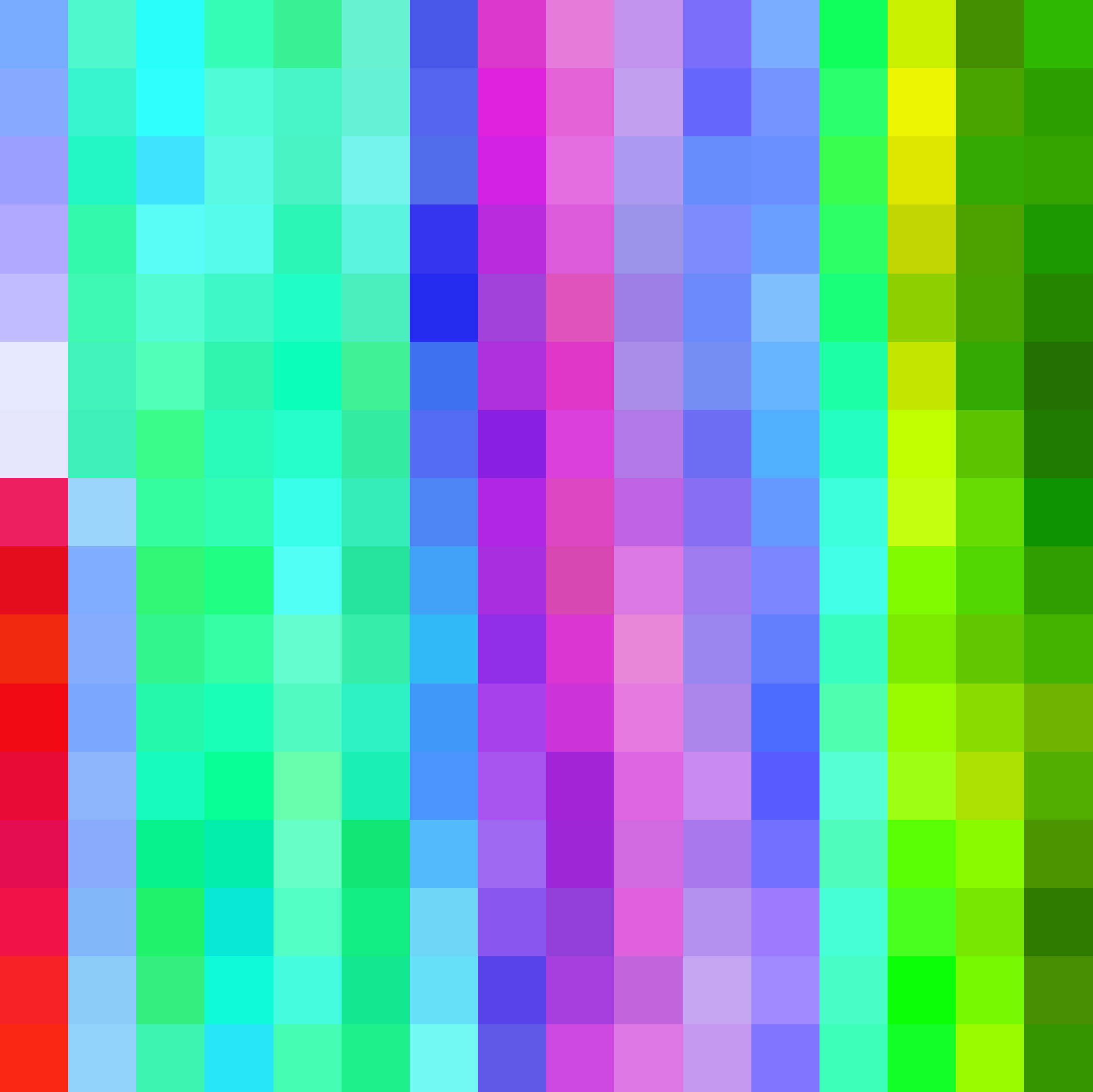
The very, very colourful gradient in this 16 by 16 pixel grid is mostly green, and it also has some blue, some cyan, a bit of magenta, a bit of purple, a bit of indigo, a little bit of red, a little bit of violet, a tiny bit of yellow, and a tiny bit of lime in it.

Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly yellow, but it also has some orange, some red, and a little bit of lime in it.
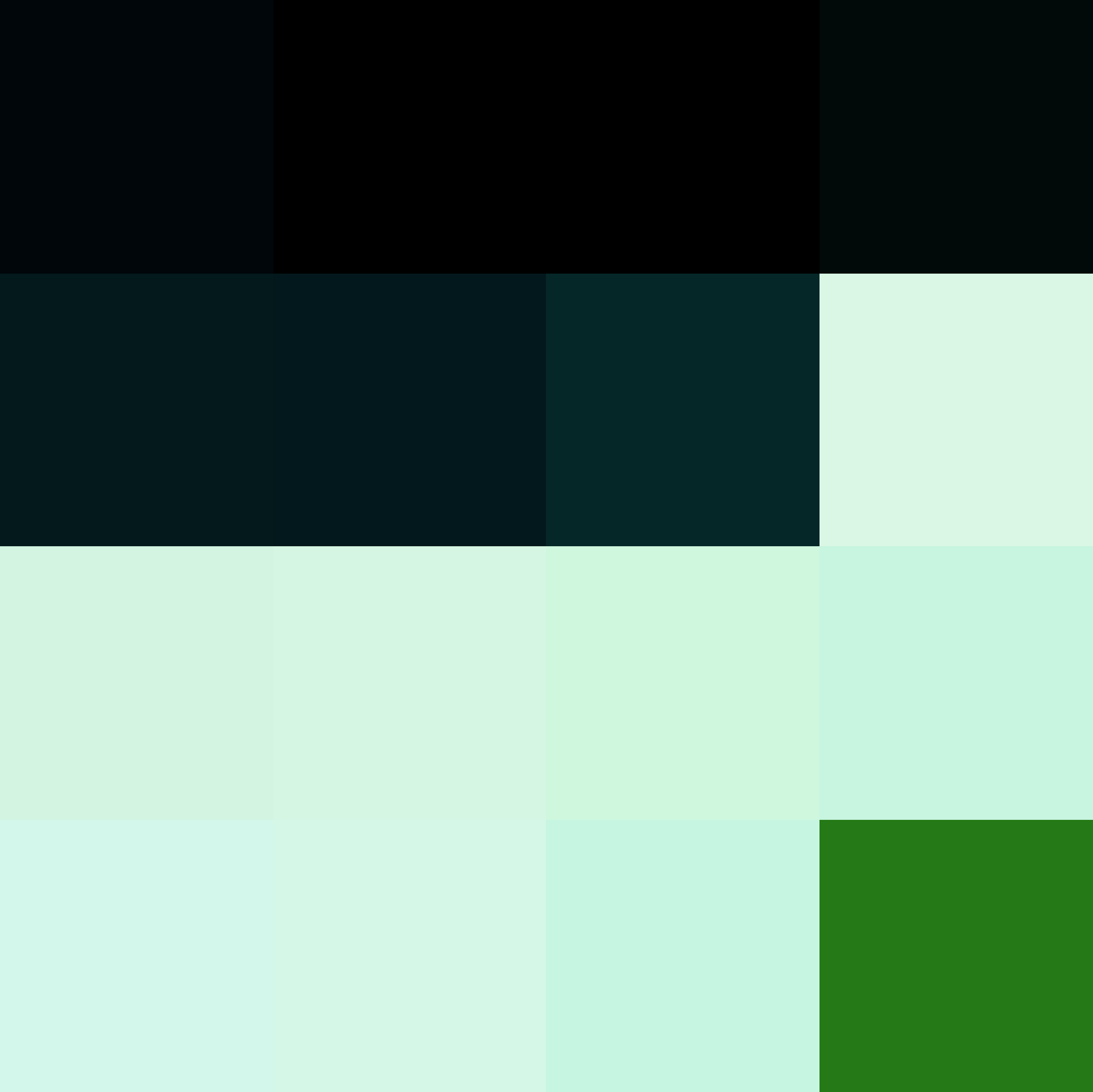
The gradient in this 4 by 4 pixel grid is mostly green, but it also has quite some cyan, and some blue in it.
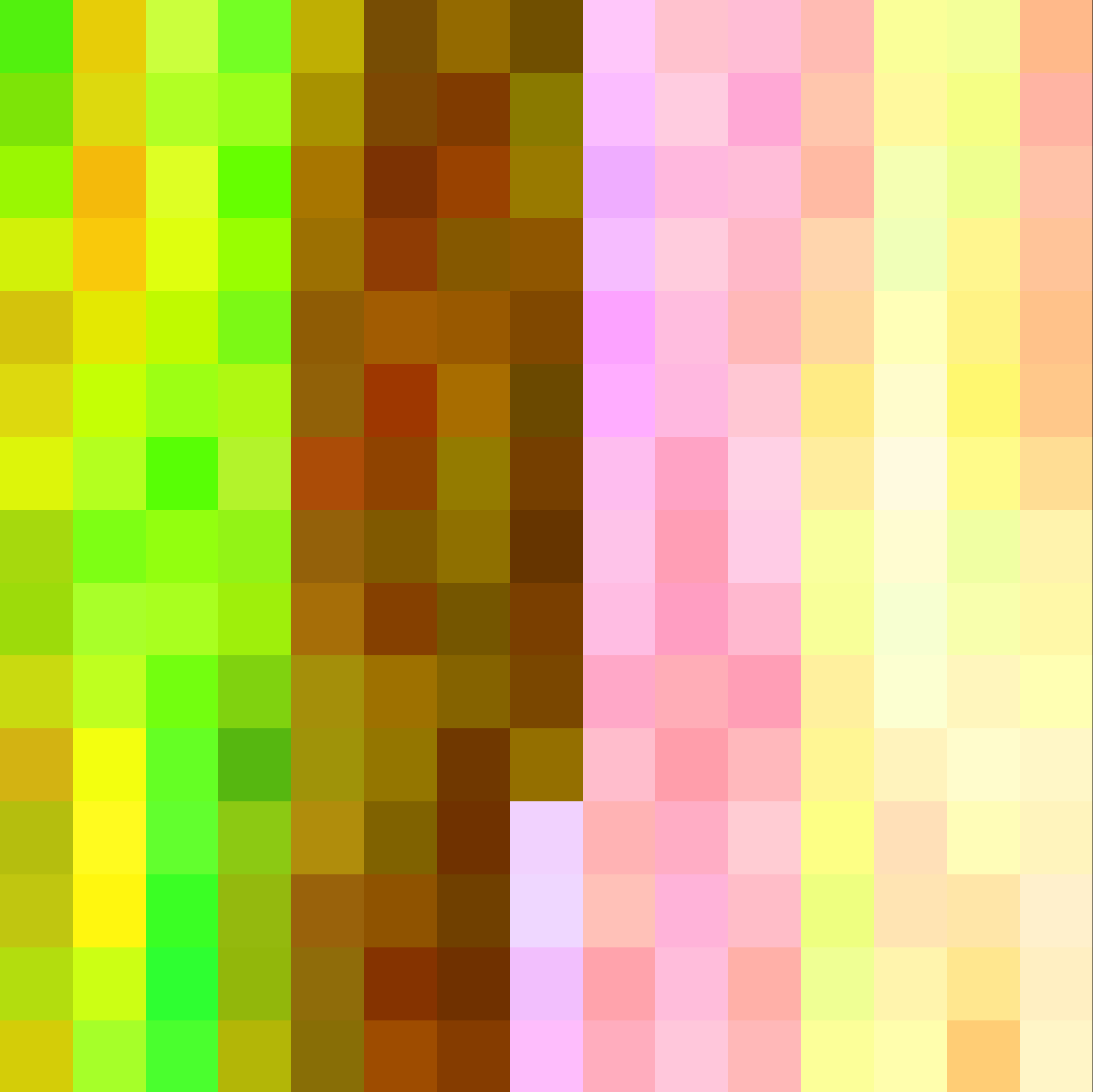
The cells in this 11 by 11 pixel grid form a gradient. It is mostly green, but it also has quite some cyan, and a little bit of blue in it.

This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly cyan, and it also has quite some blue, quite some indigo, some violet, a little bit of purple, a little bit of green, and a tiny bit of magenta in it.

A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some orange, some green, a bit of red, a bit of rose, a little bit of lime, a little bit of magenta, and a tiny bit of purple in it.
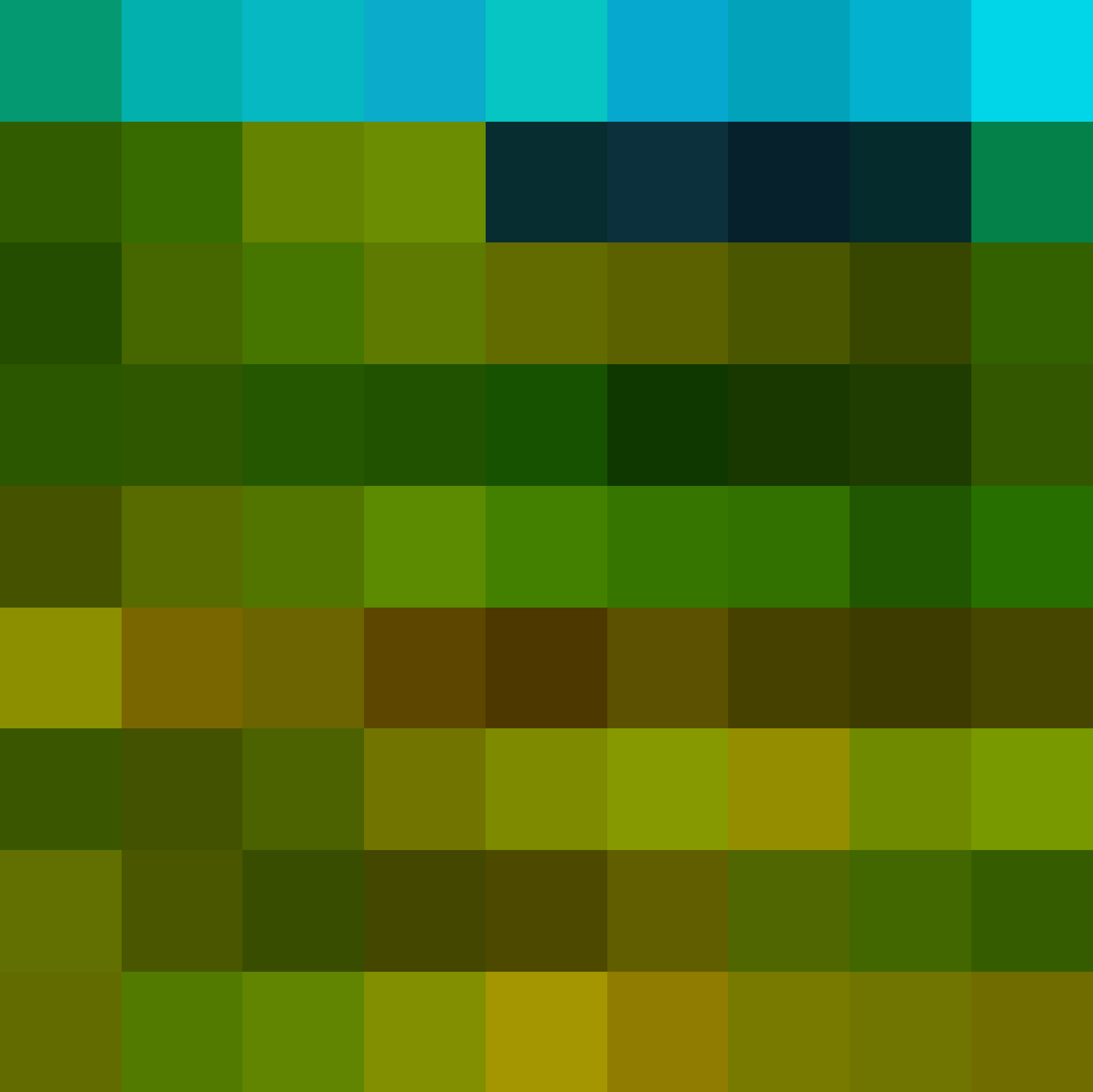
A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly yellow, but it also has quite some green, some lime, some cyan, a tiny bit of blue, and a tiny bit of orange in it.
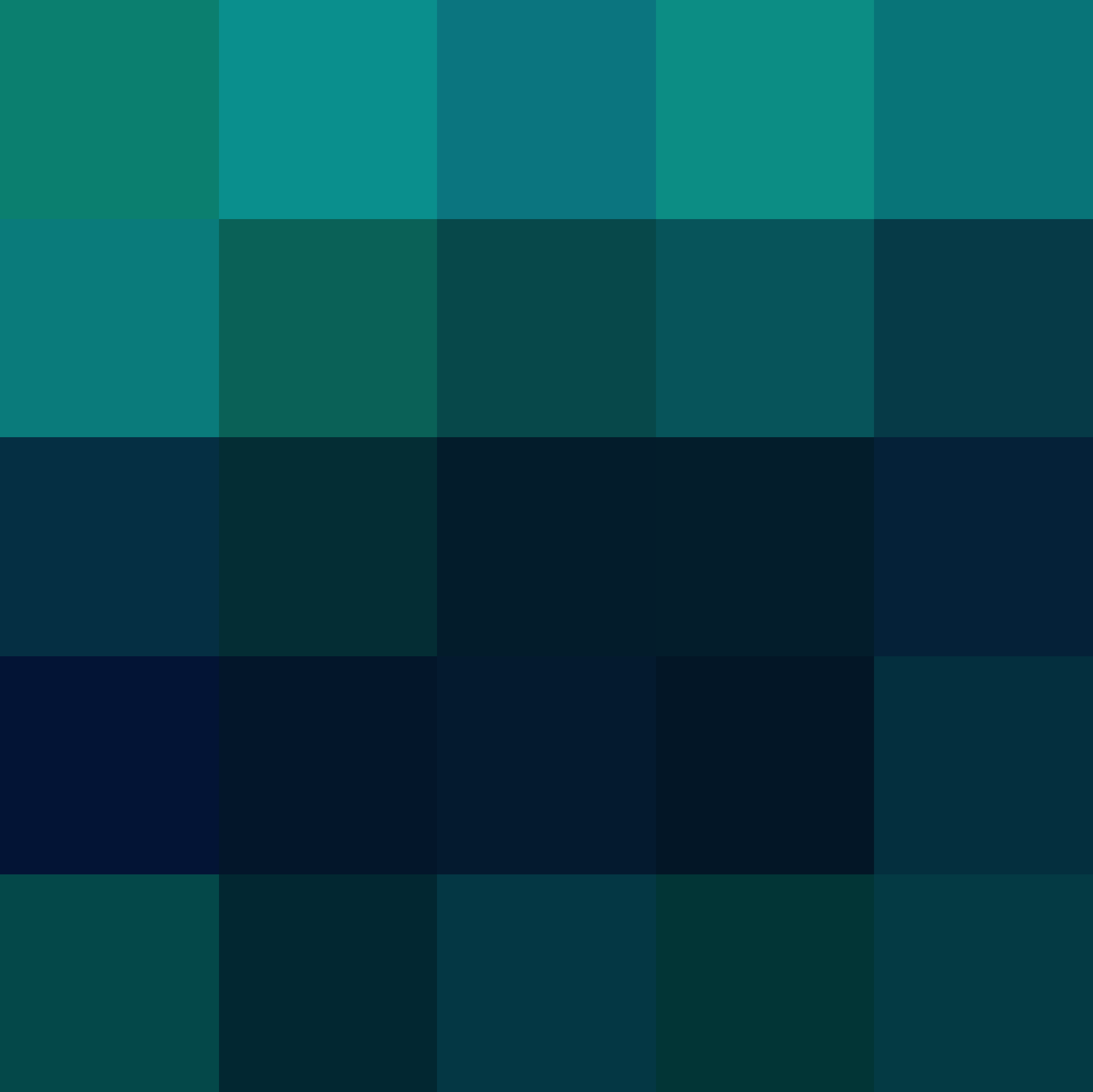
The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly cyan, and it also has quite some blue in it.
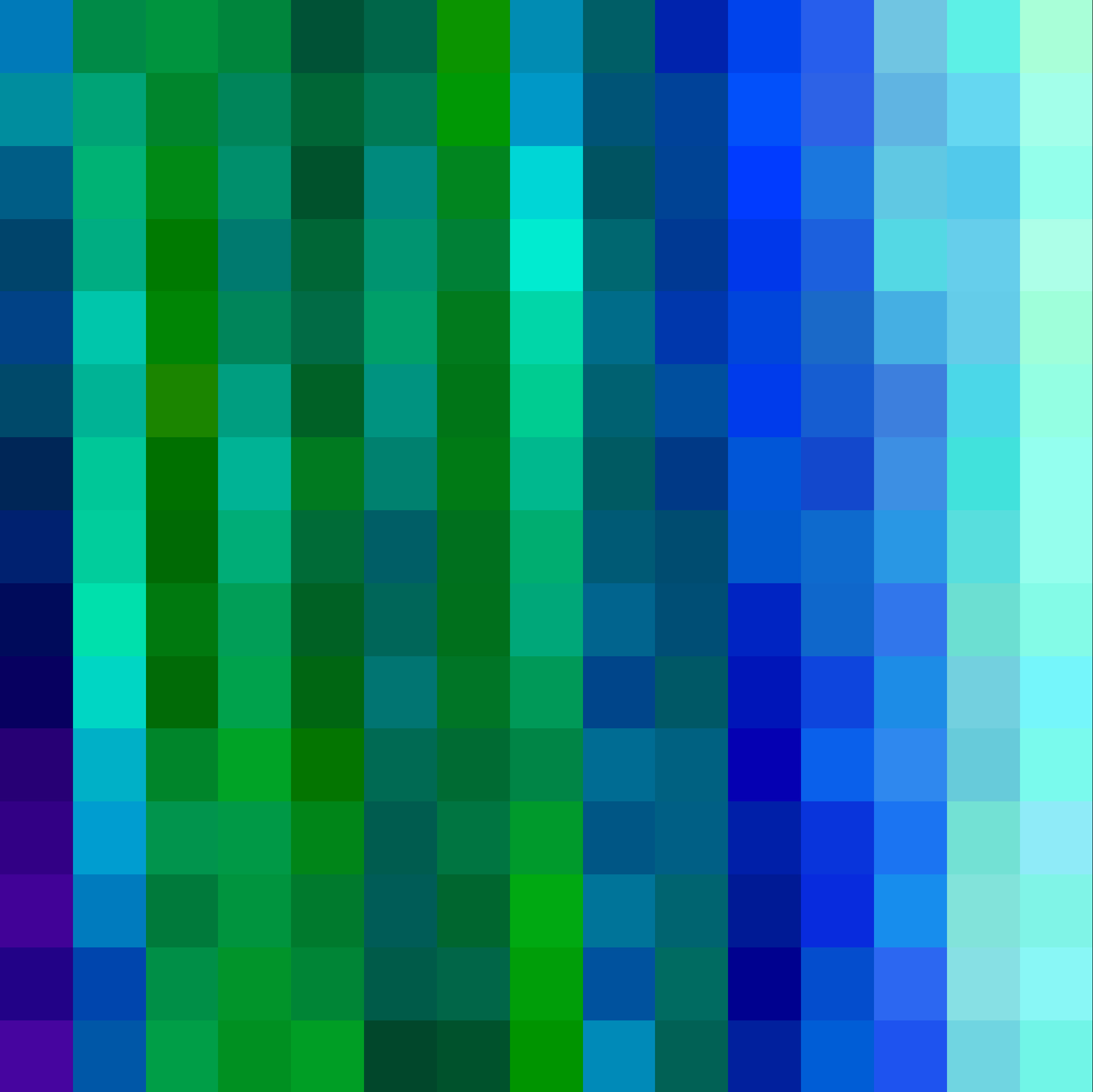
A colourful grid of 225 blocks. It's mostly blue, but it also has quite some green, quite some cyan, a tiny bit of indigo, and a tiny bit of violet in it.
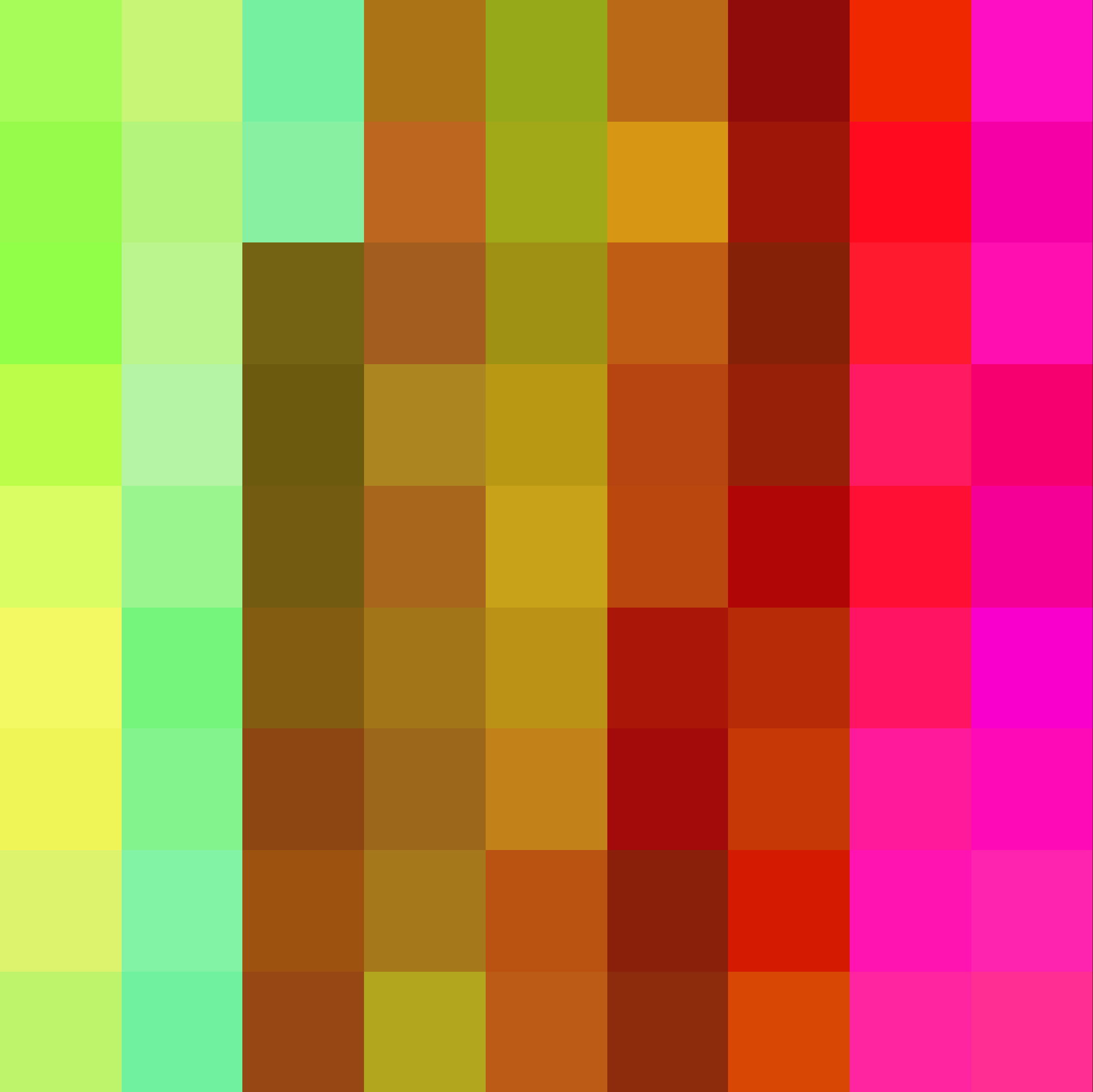
This colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly red, but it also has quite some orange, quite some green, some yellow, and a tiny bit of lime in it.
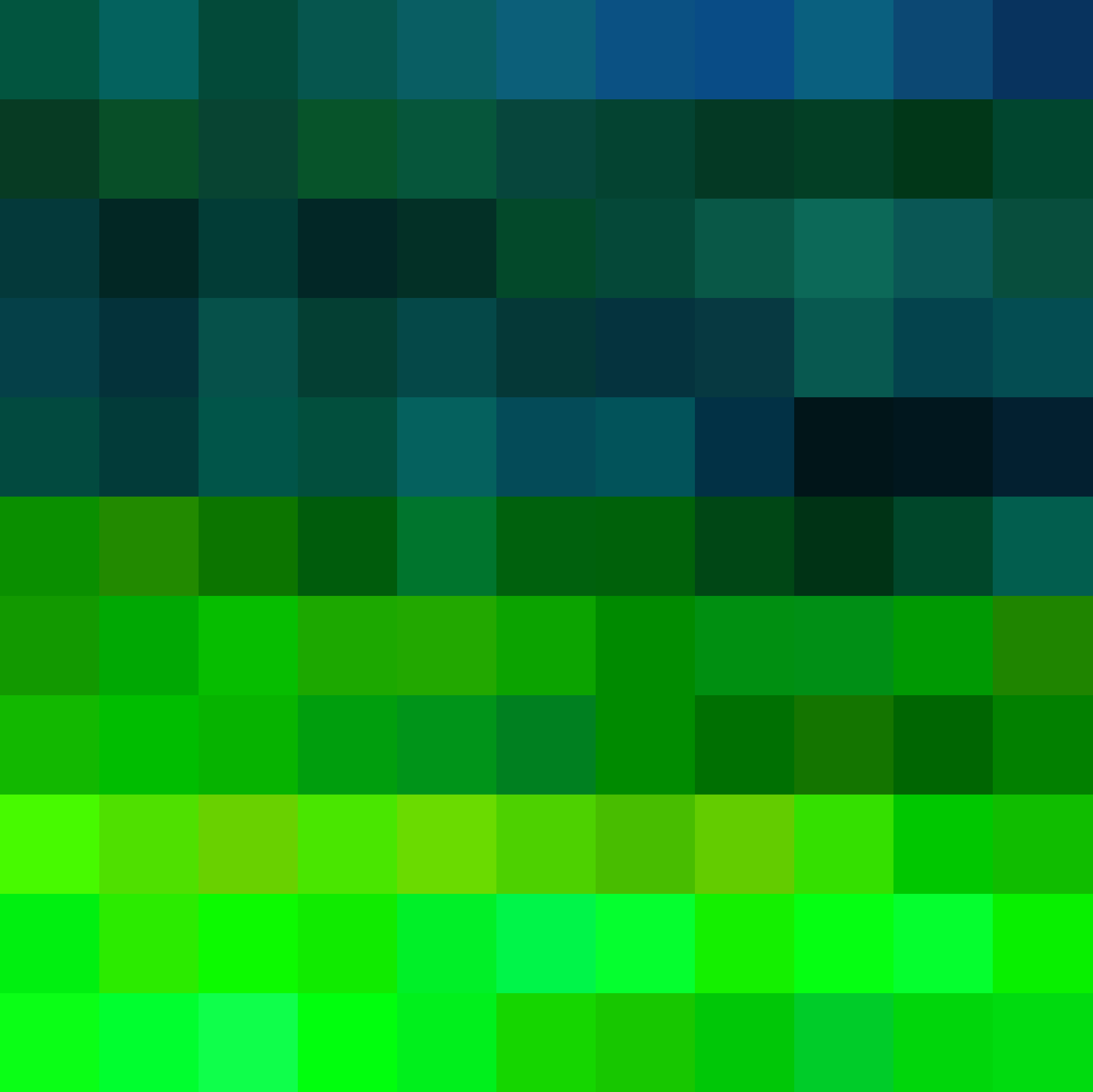
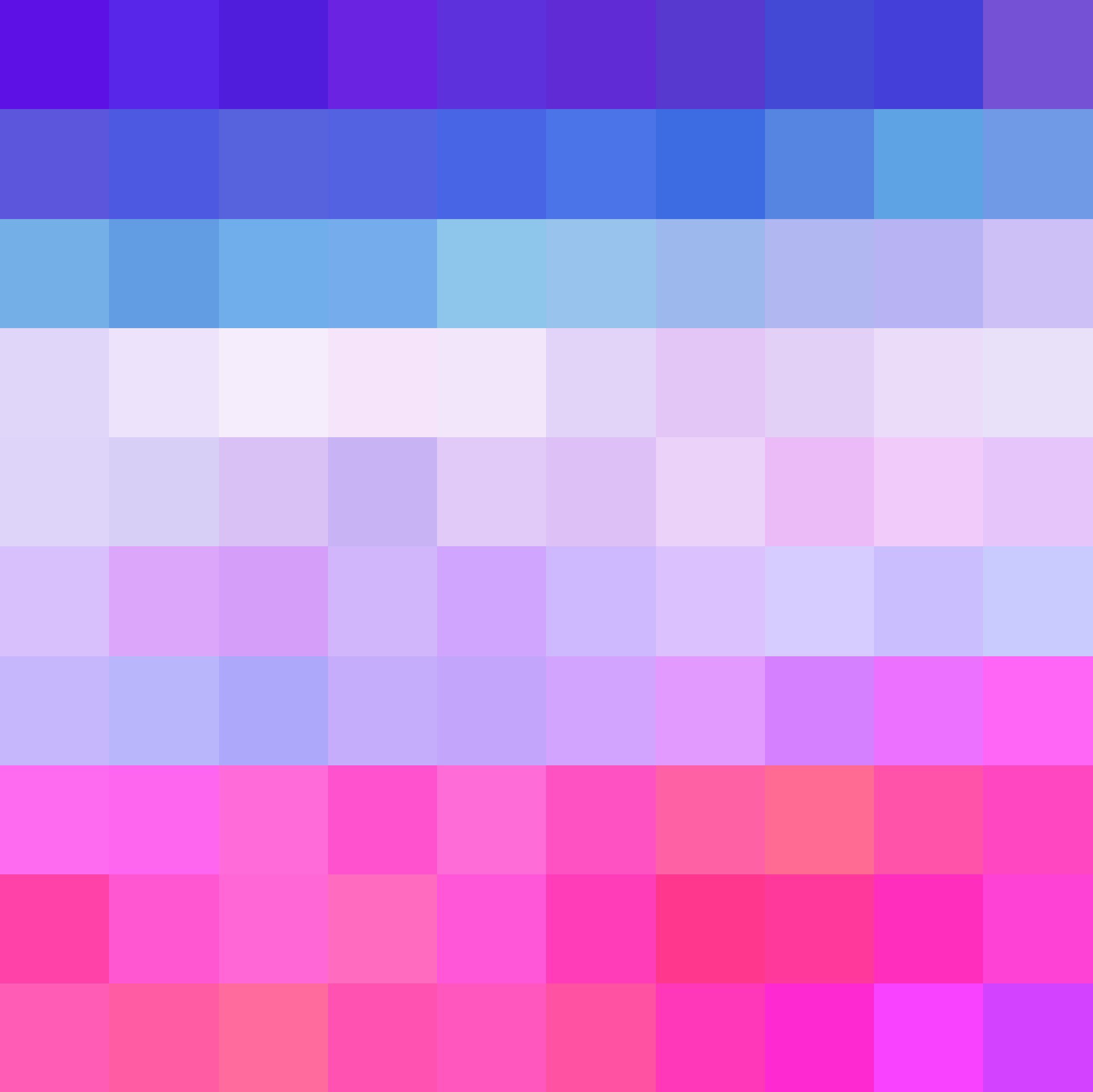The gradient in this 11 by 11 pixel grid is mostly green, but it also has quite some cyan, and a bit of blue in it.
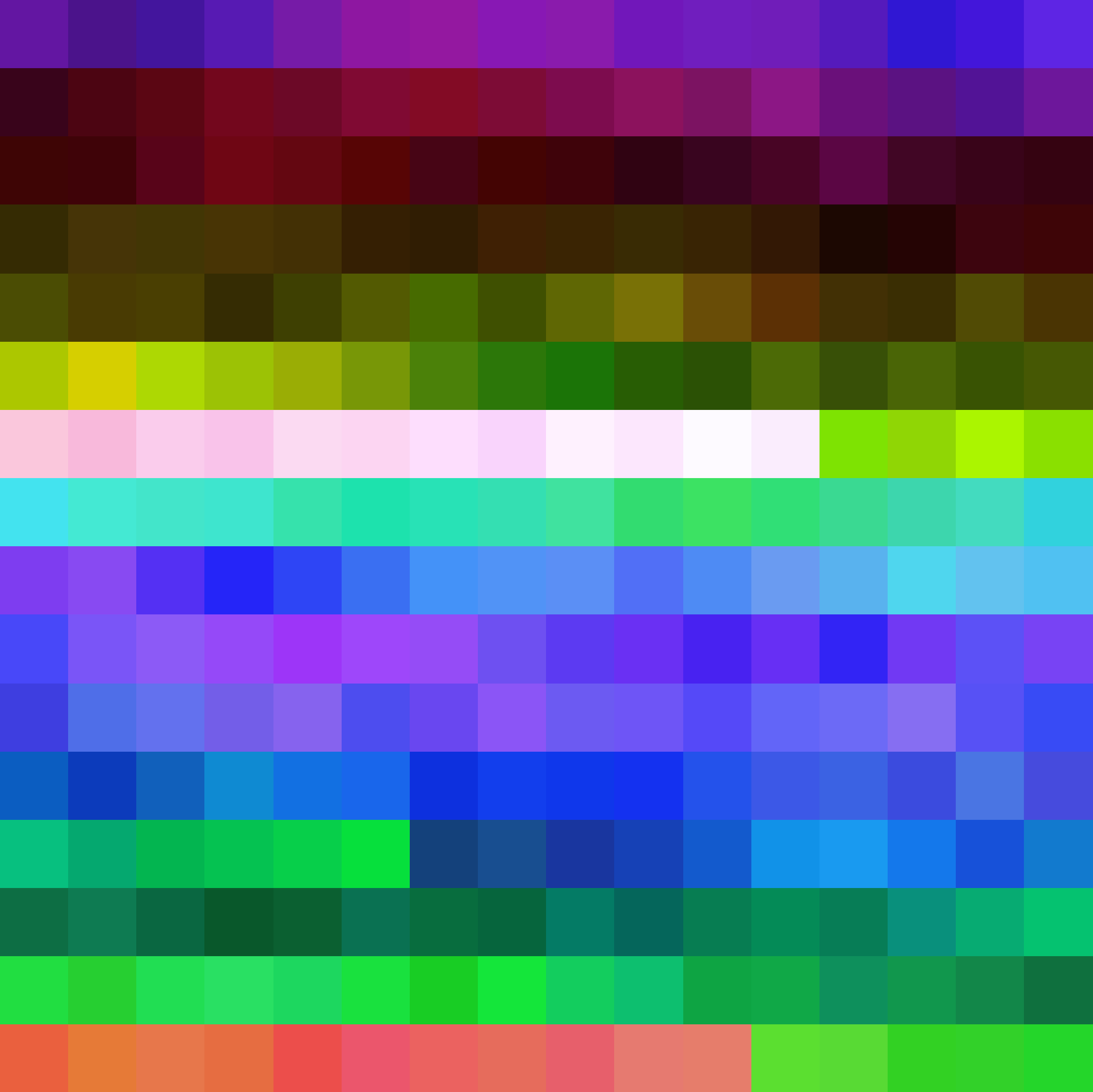
A very, very colourful grid of 256 blocks. It's mostly green, and it also has some blue, a bit of indigo, a bit of red, a bit of orange, a little bit of magenta, a little bit of yellow, a little bit of cyan, a little bit of purple, a little bit of rose, a little bit of violet, and a little bit of lime in it.

This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly indigo, but it also has quite some magenta, some blue, some purple, some rose, and a bit of violet in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly green, but it also has some yellow, and some lime in it.
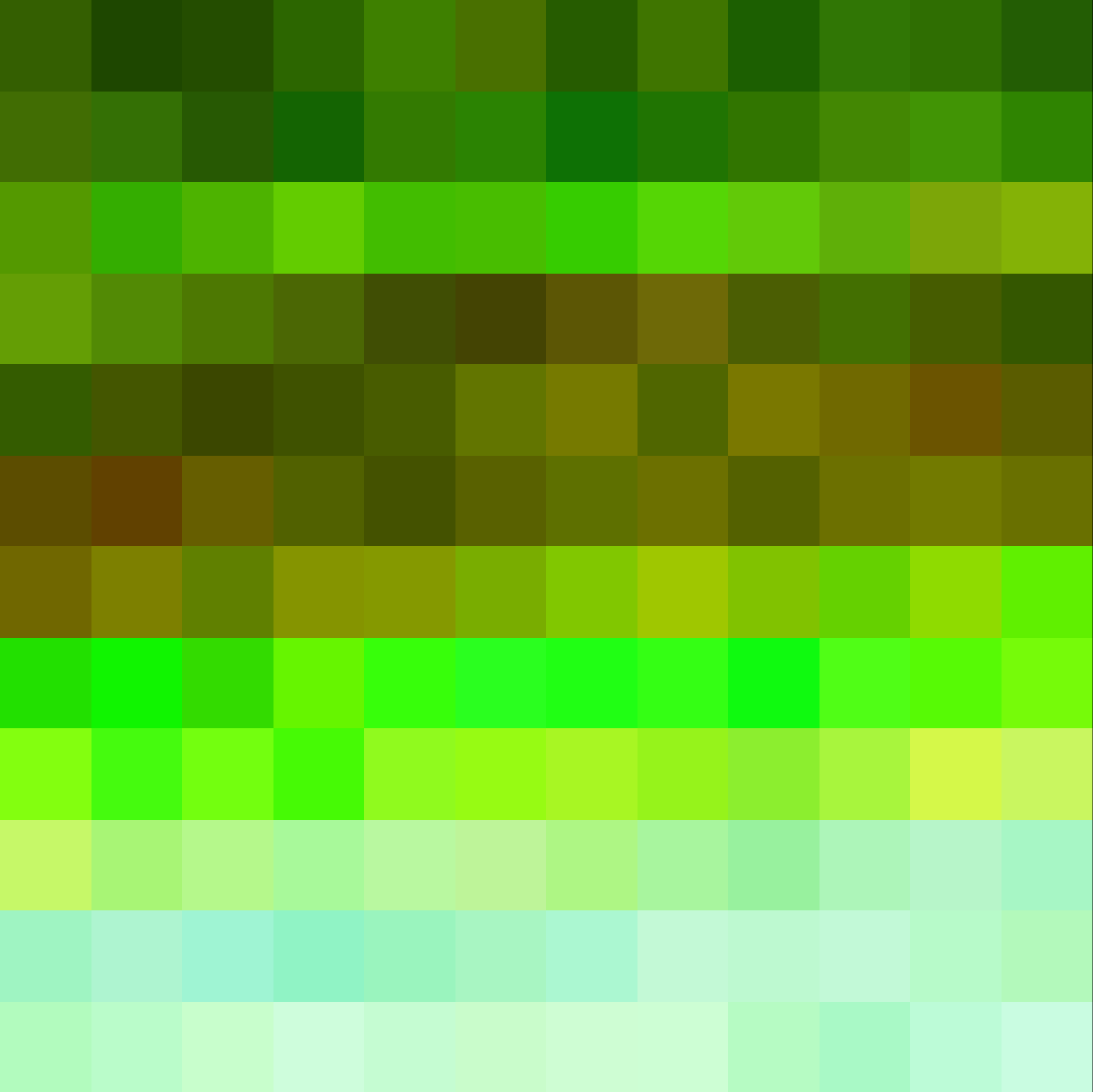
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, but it also has some magenta, some indigo, a bit of purple, a bit of rose, a bit of violet, a bit of red, a little bit of blue, and a little bit of cyan in it.

A very, very colourful grid of 169 blocks. It's mostly red, but it also has quite some yellow, quite some orange, some rose, a bit of magenta, a bit of green, a little bit of cyan, a tiny bit of blue, and a tiny bit of lime in it.

A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly indigo, and it also has quite some purple, some blue, some magenta, some violet, and a tiny bit of cyan in it.

A grid with 144 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of lime, and a tiny bit of orange in it.
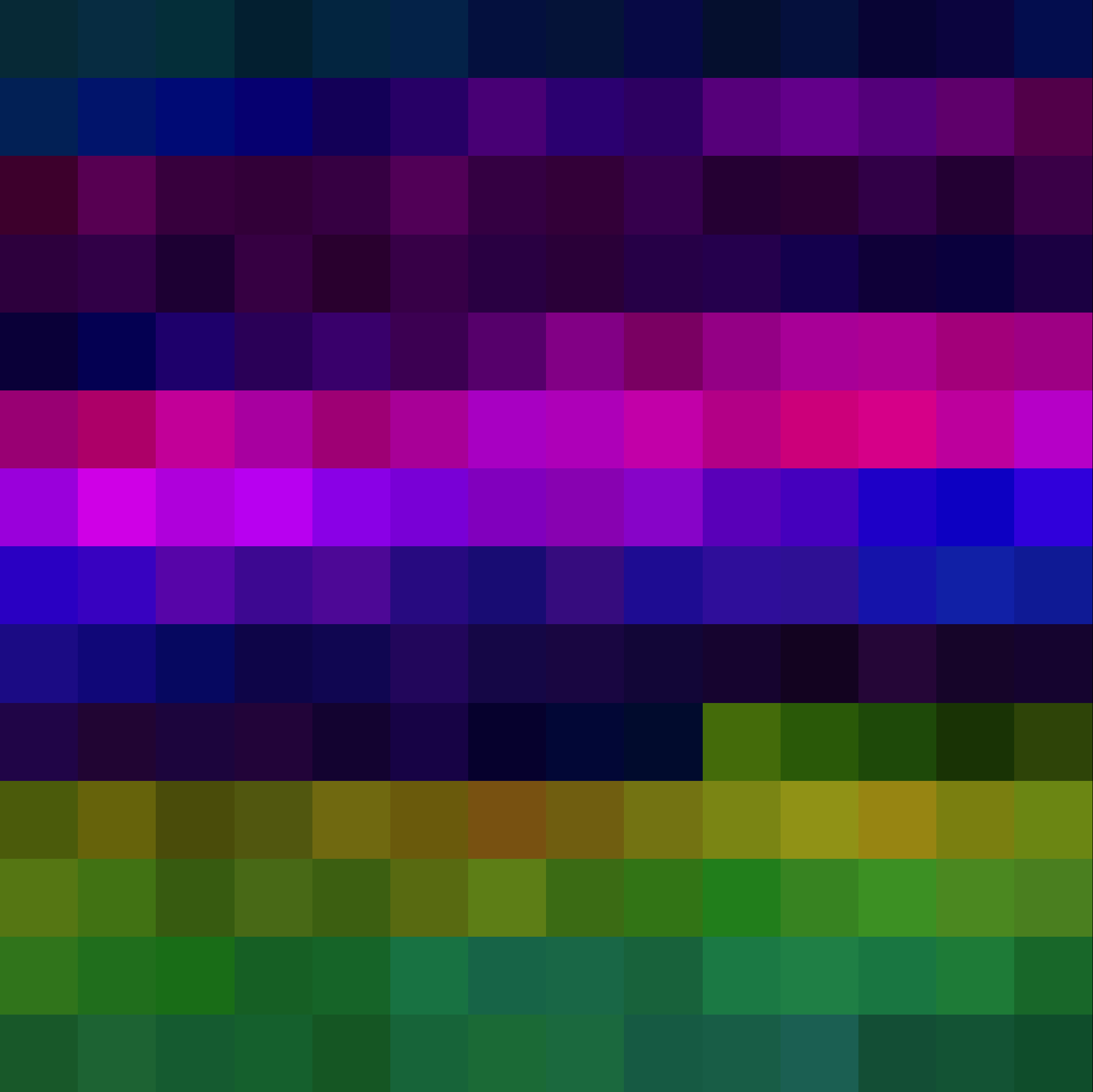
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, but it also has some purple, some indigo, some magenta, a bit of blue, a bit of violet, a little bit of yellow, a tiny bit of lime, a tiny bit of cyan, and a tiny bit of orange in it.

This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, but it also has quite some magenta, some purple, a bit of indigo, a bit of cyan, and a bit of violet in it.

The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some orange, some magenta, some red, a bit of rose, a bit of indigo, a little bit of blue, a little bit of cyan, a little bit of purple, and a little bit of violet in it.
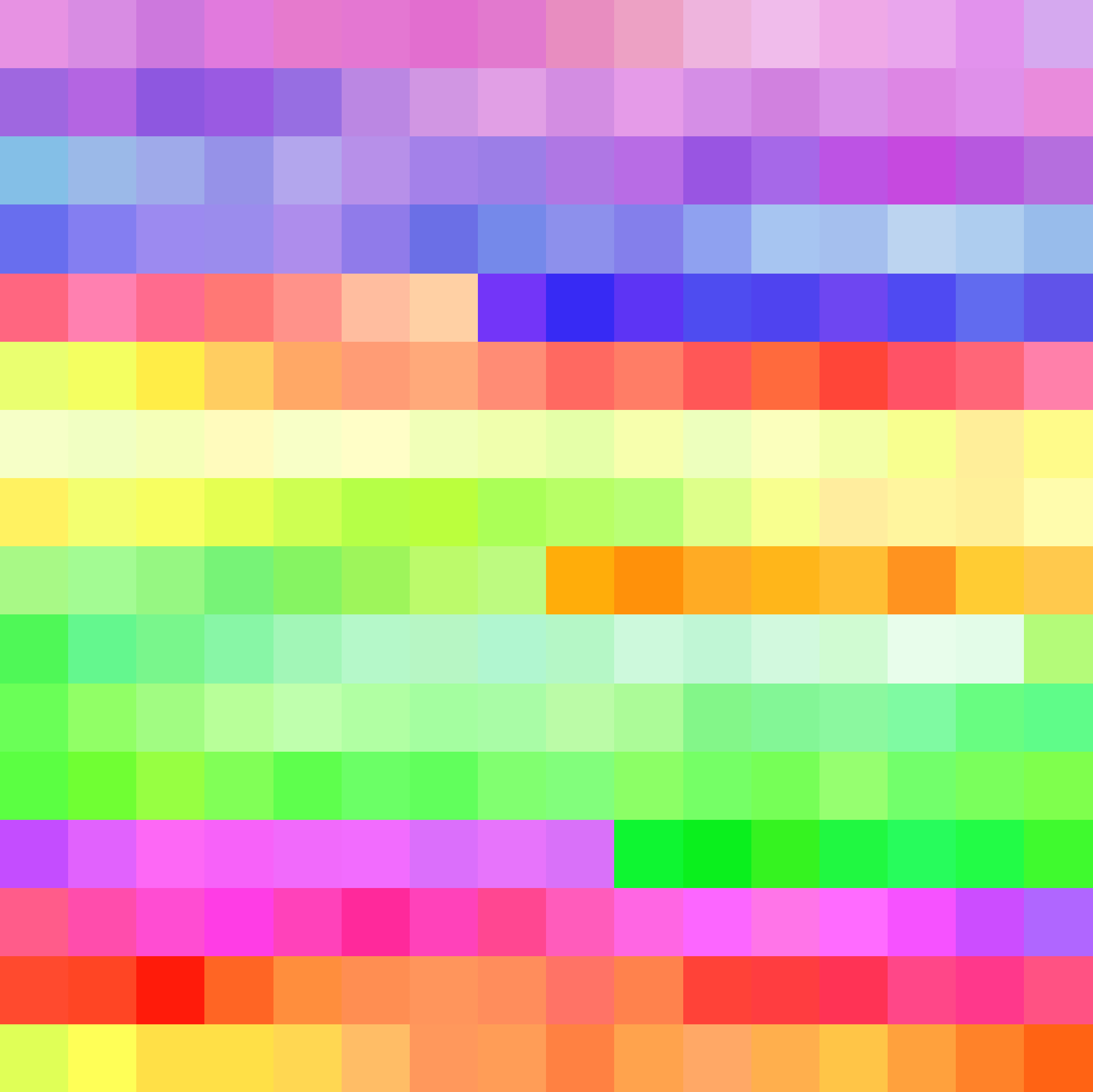
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some magenta, some orange, some yellow, a bit of purple, a bit of red, a bit of indigo, a little bit of blue, a little bit of violet, a little bit of rose, and a little bit of lime in it.
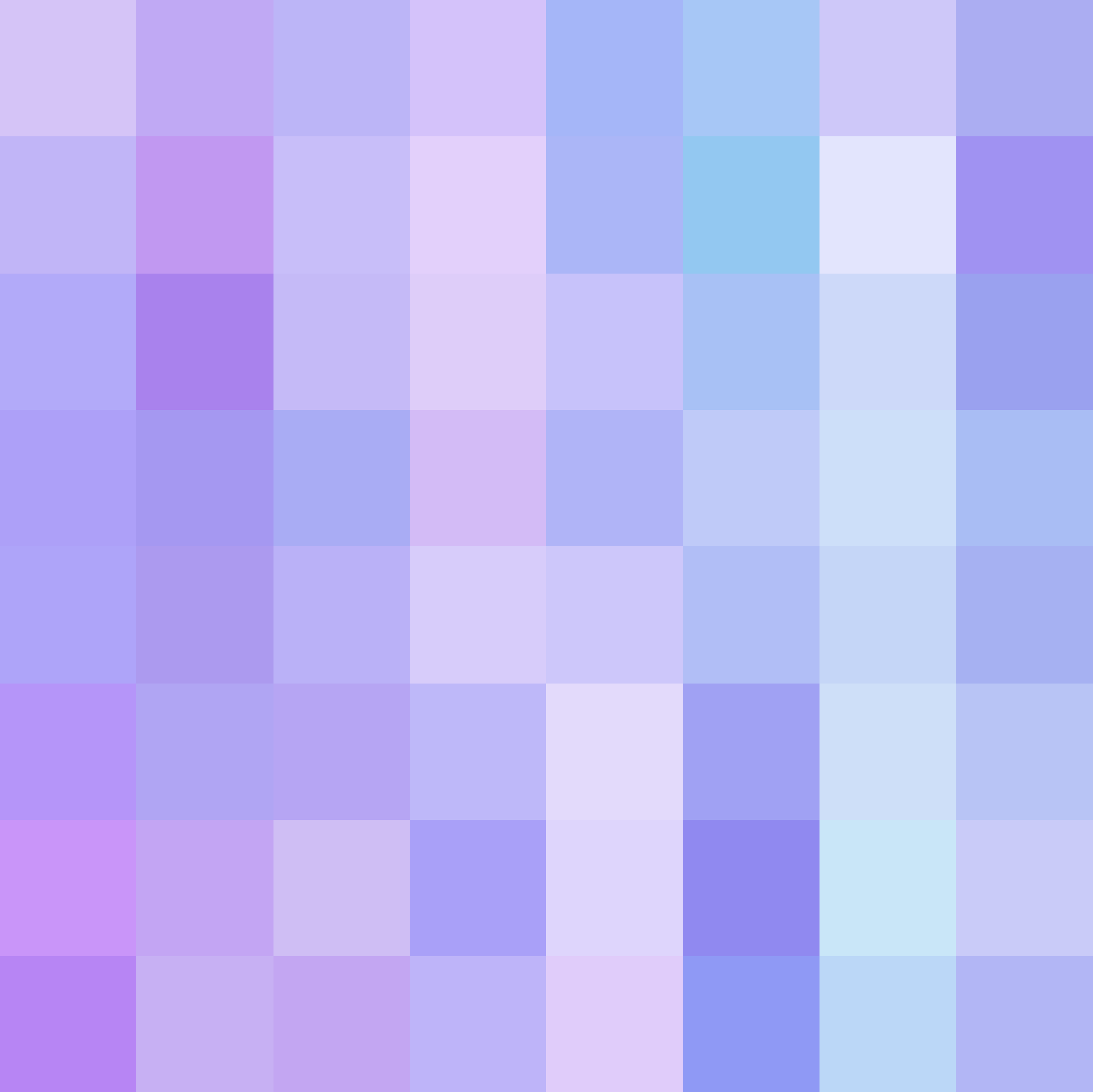
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has quite some red, some magenta, some rose, a little bit of cyan, a tiny bit of purple, a tiny bit of orange, and a tiny bit of blue in it.
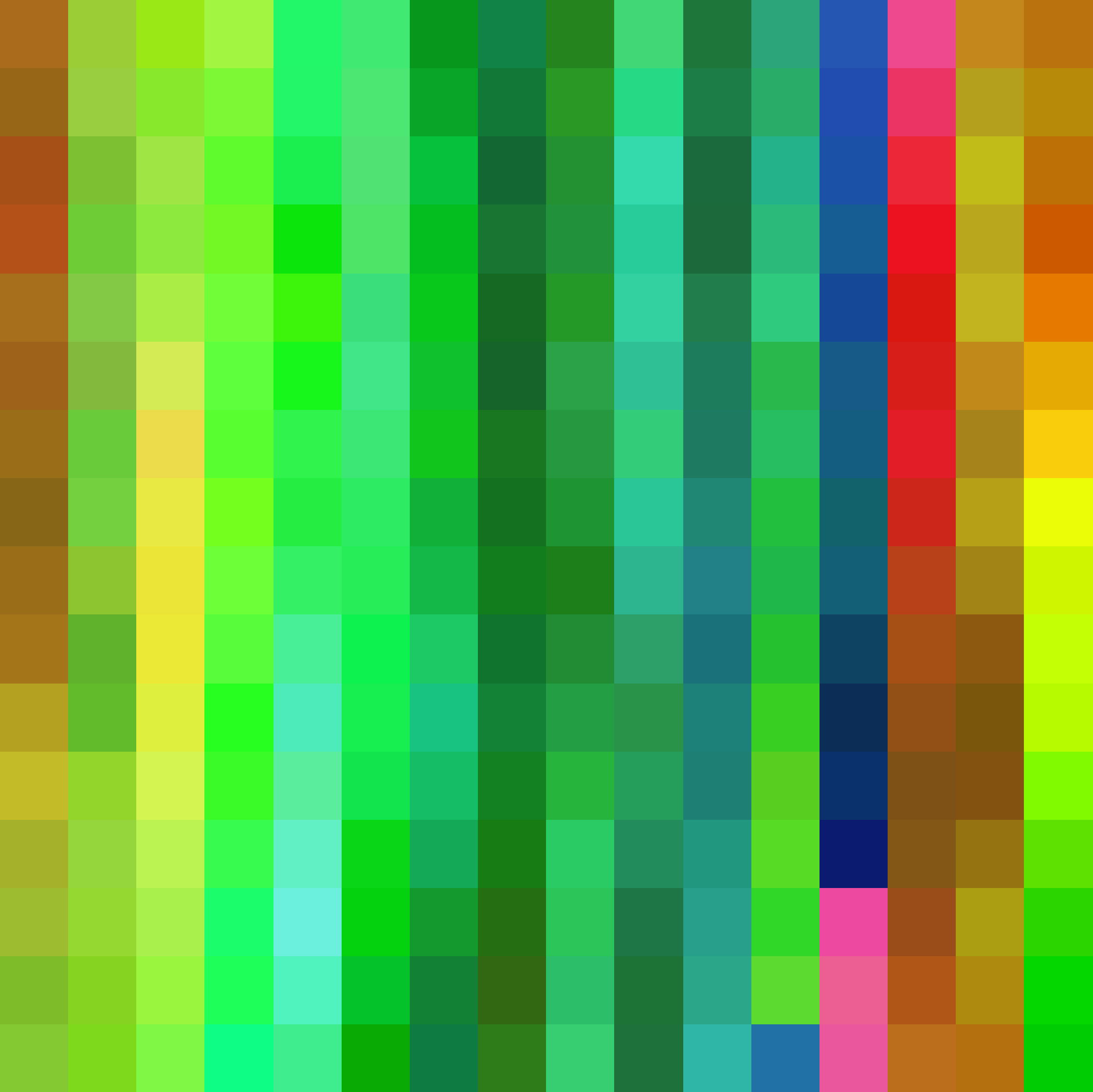
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has quite some blue, some cyan, a bit of magenta, a bit of rose, a little bit of orange, a tiny bit of green, a tiny bit of purple, and a tiny bit of lime in it.
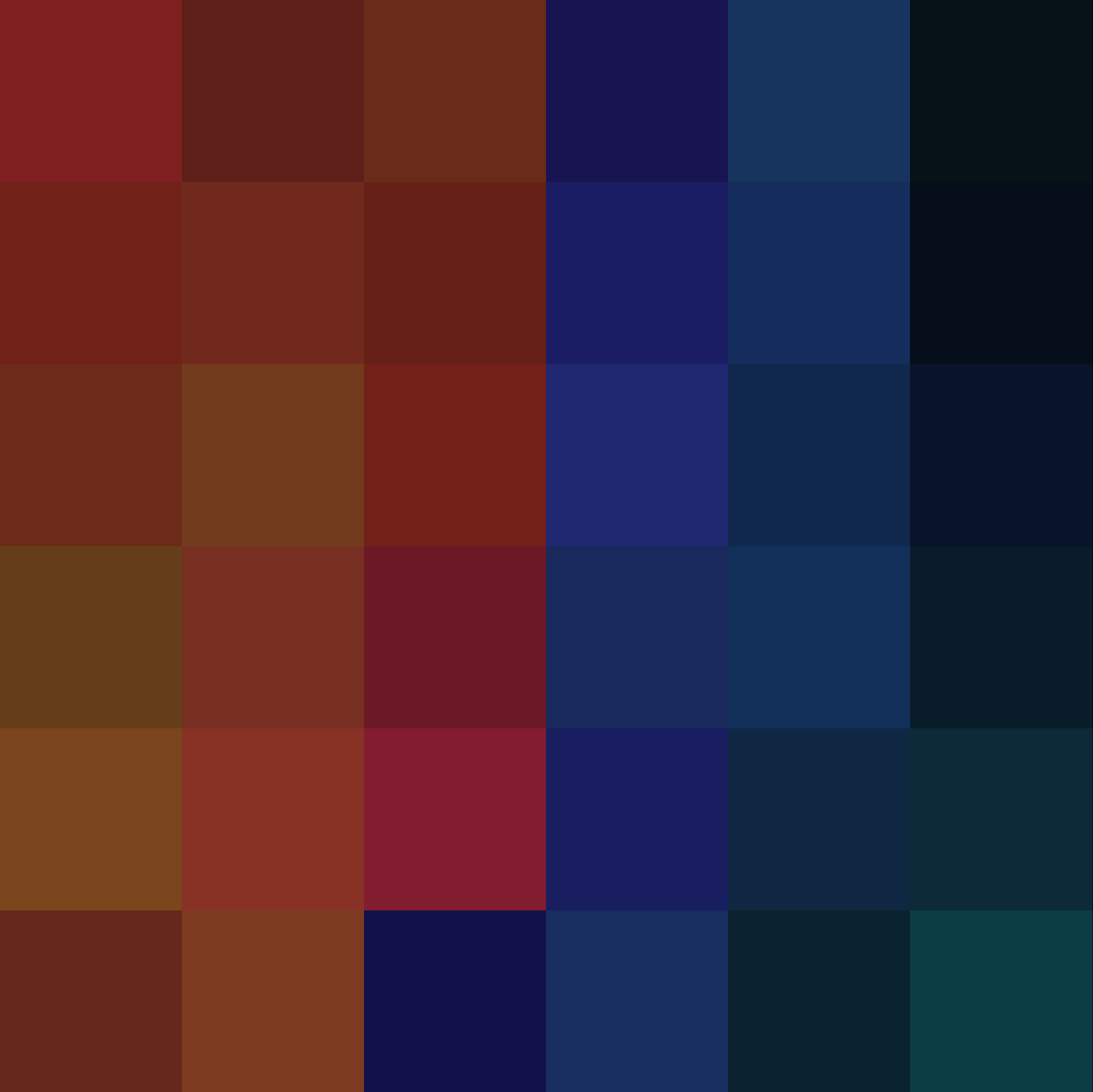
An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly orange, and it also has quite some red, quite some yellow, a tiny bit of lime, and a tiny bit of green in it.

A grid of 64 blocks. It's mostly indigo, but it also has quite some blue, some violet, and a tiny bit of purple in it.
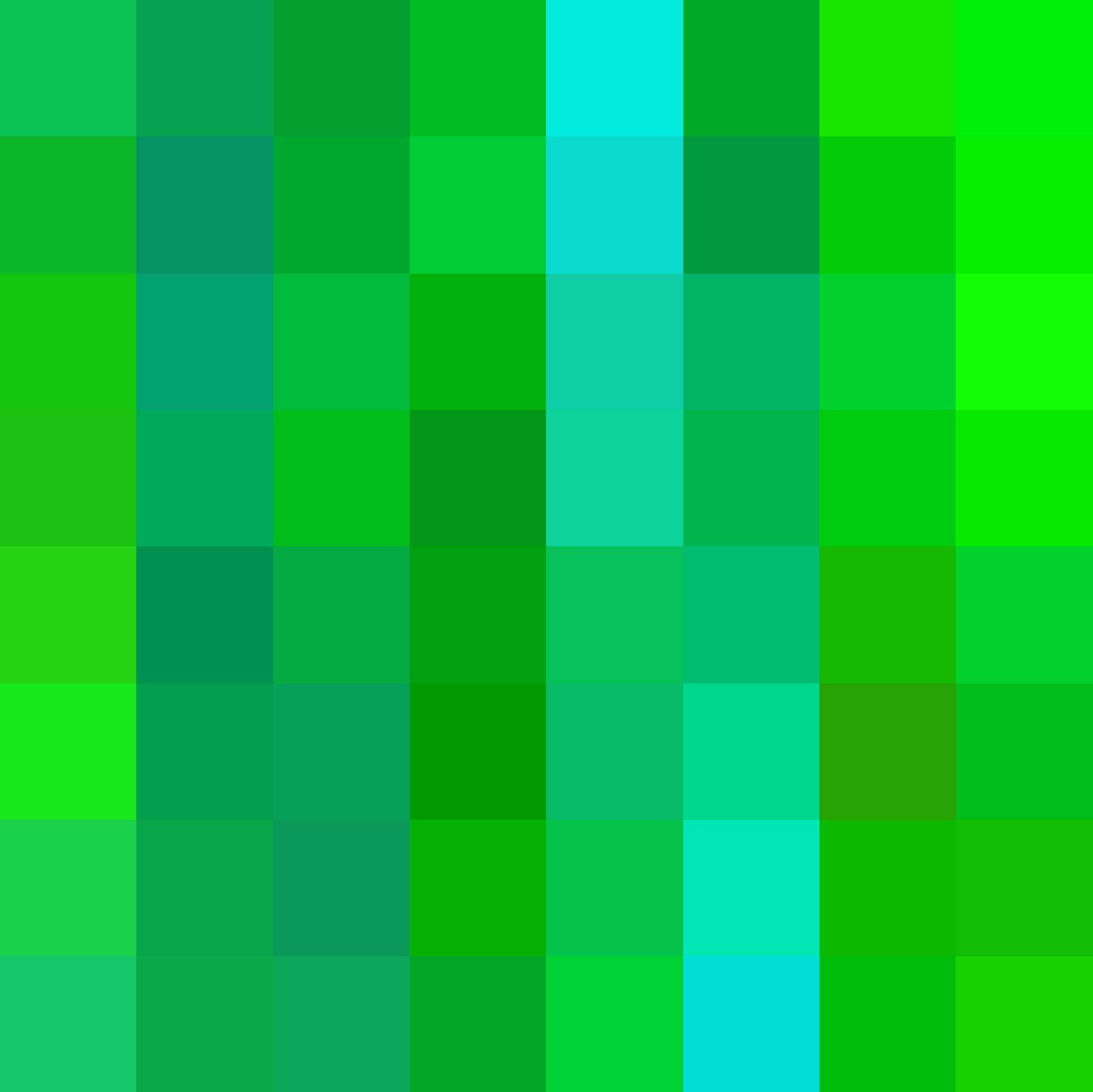
The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some orange, a bit of yellow, a little bit of blue, a little bit of cyan, a little bit of red, a tiny bit of rose, and a tiny bit of lime in it.

A grid with 36 coloured squares that form a colourful gradient. The colours are various shades of mostly blue, and it also has quite some red, some orange, a little bit of indigo, and a little bit of cyan in it.
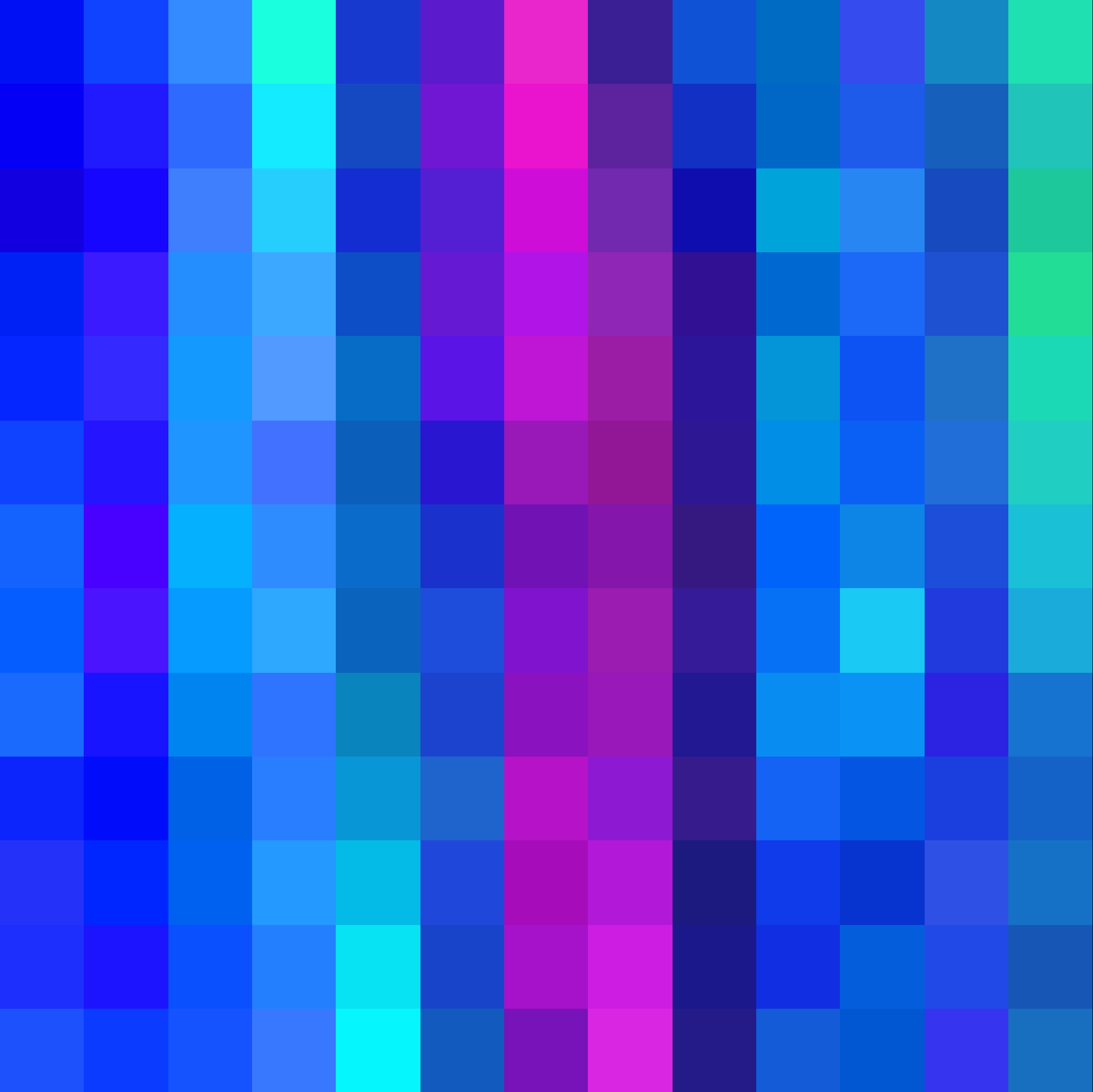
The cells in this 8 by 8 pixel grid form a two tone gradient. It is mostly green, and it also has a bit of cyan in it.

A 4 by 4 grid with coloured squares that form a gradient. The colours are various shades of mostly violet, and it also has quite some indigo, and quite some purple in it.

A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has some indigo, a bit of purple, a bit of cyan, a little bit of magenta, a tiny bit of violet, and a tiny bit of green in it.
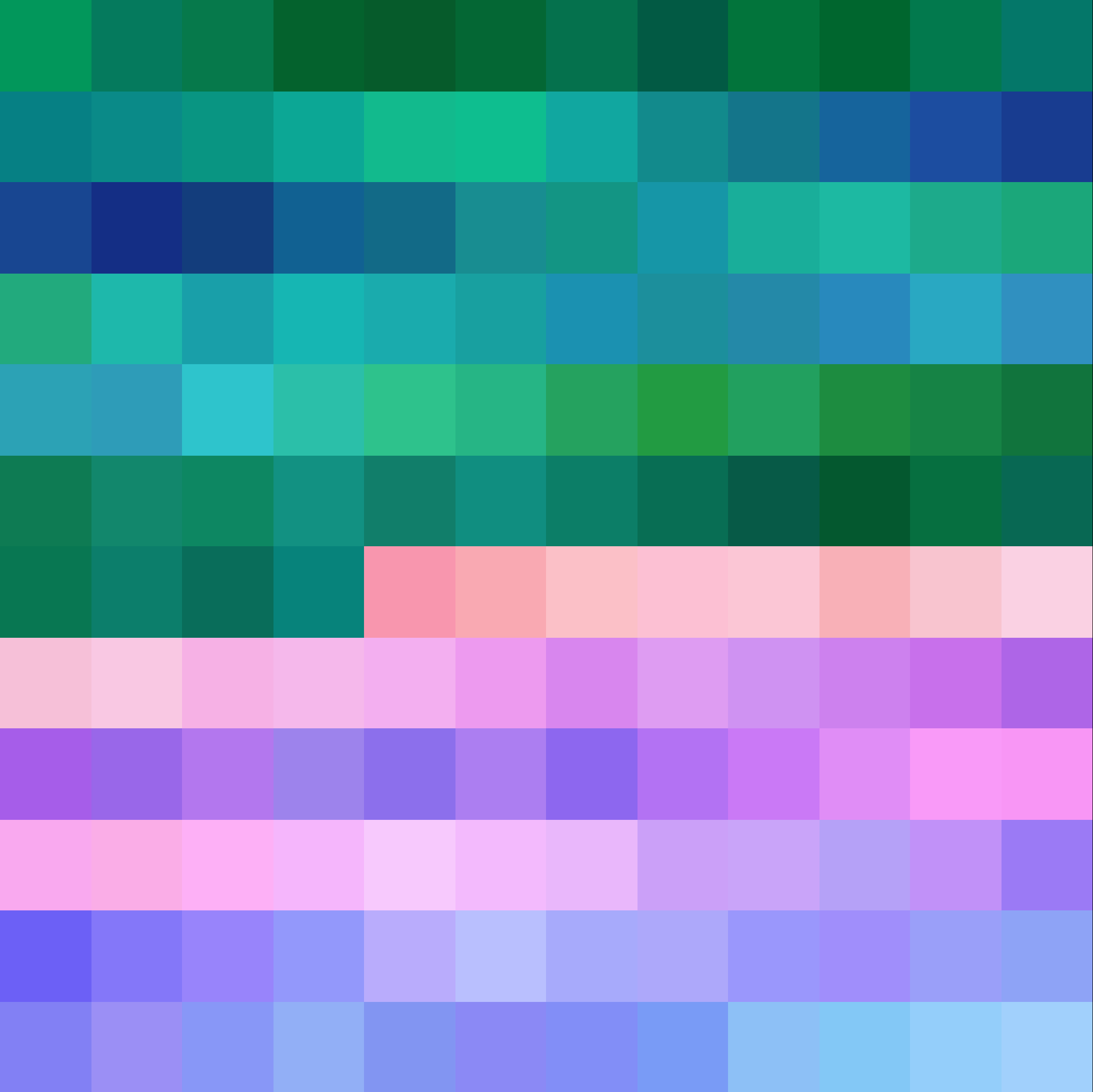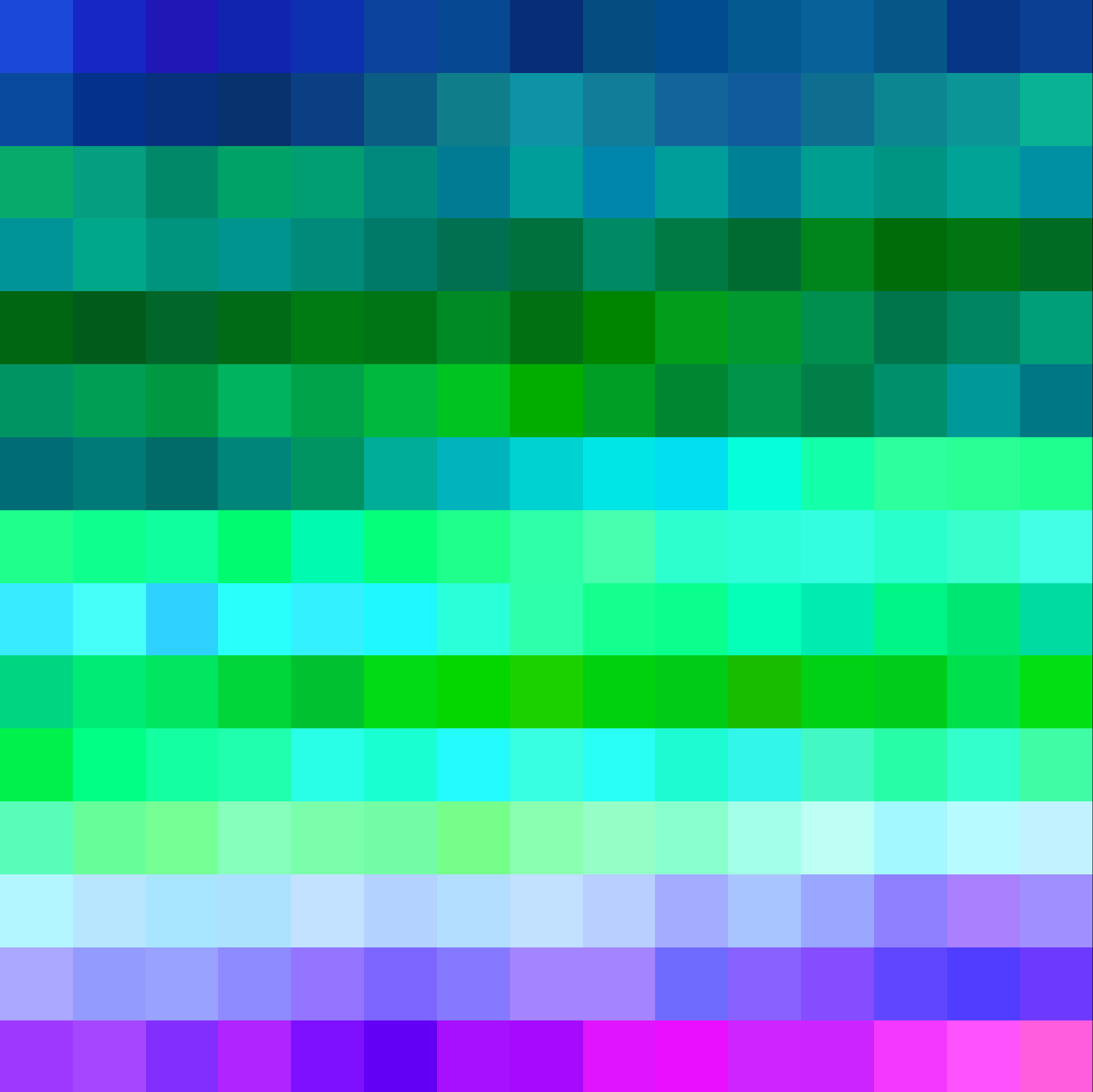
The very, very colourful gradient in this 12 by 12 pixel grid is mostly cyan, and it also has some blue, some green, a bit of indigo, a bit of magenta, a bit of purple, a little bit of violet, a little bit of red, and a little bit of rose in it.
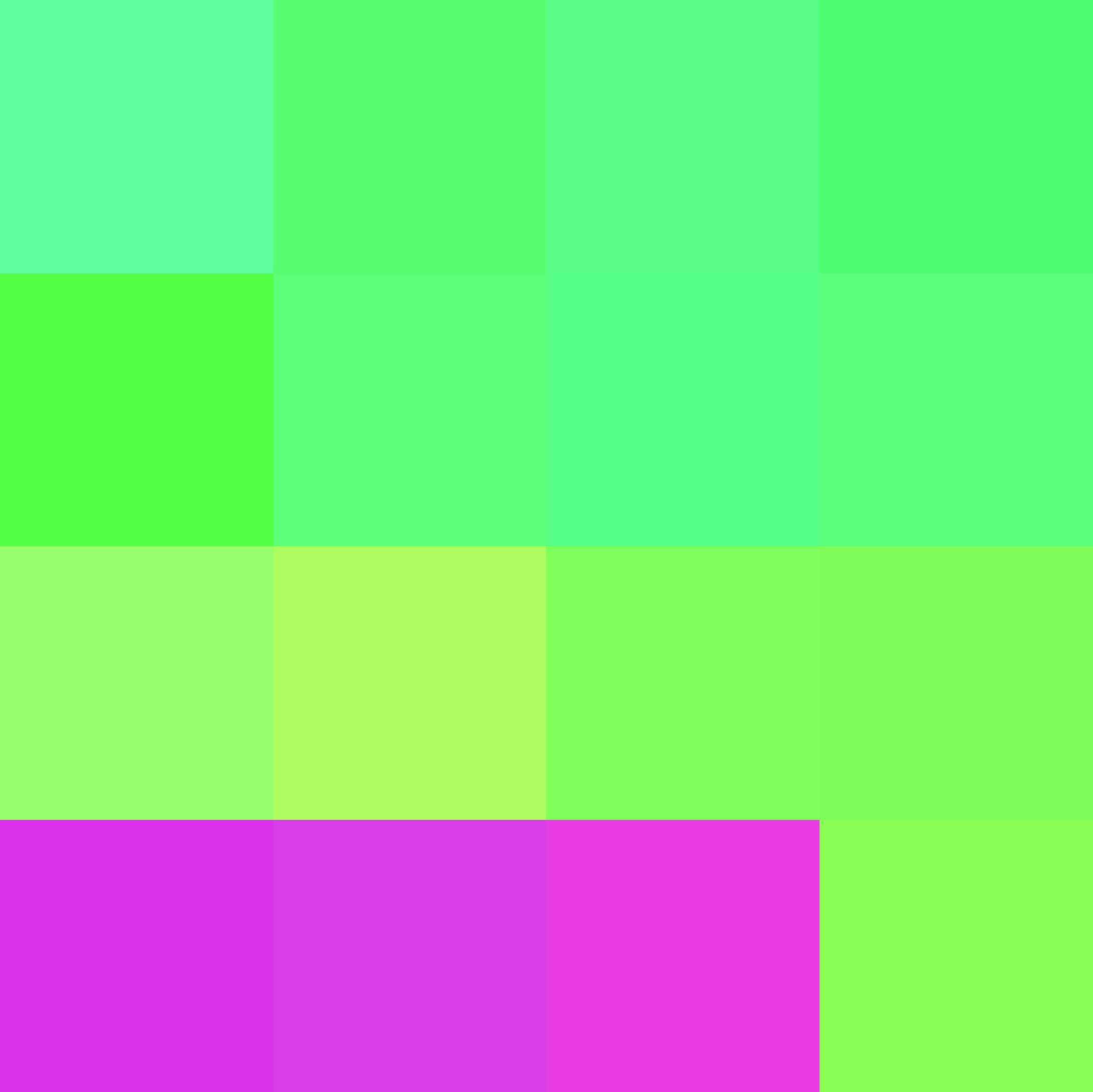
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly green, but it also has some magenta in it.

The gradient in this 8 by 8 pixel grid is mostly red, and it also has quite some orange, some rose, and some yellow in it.
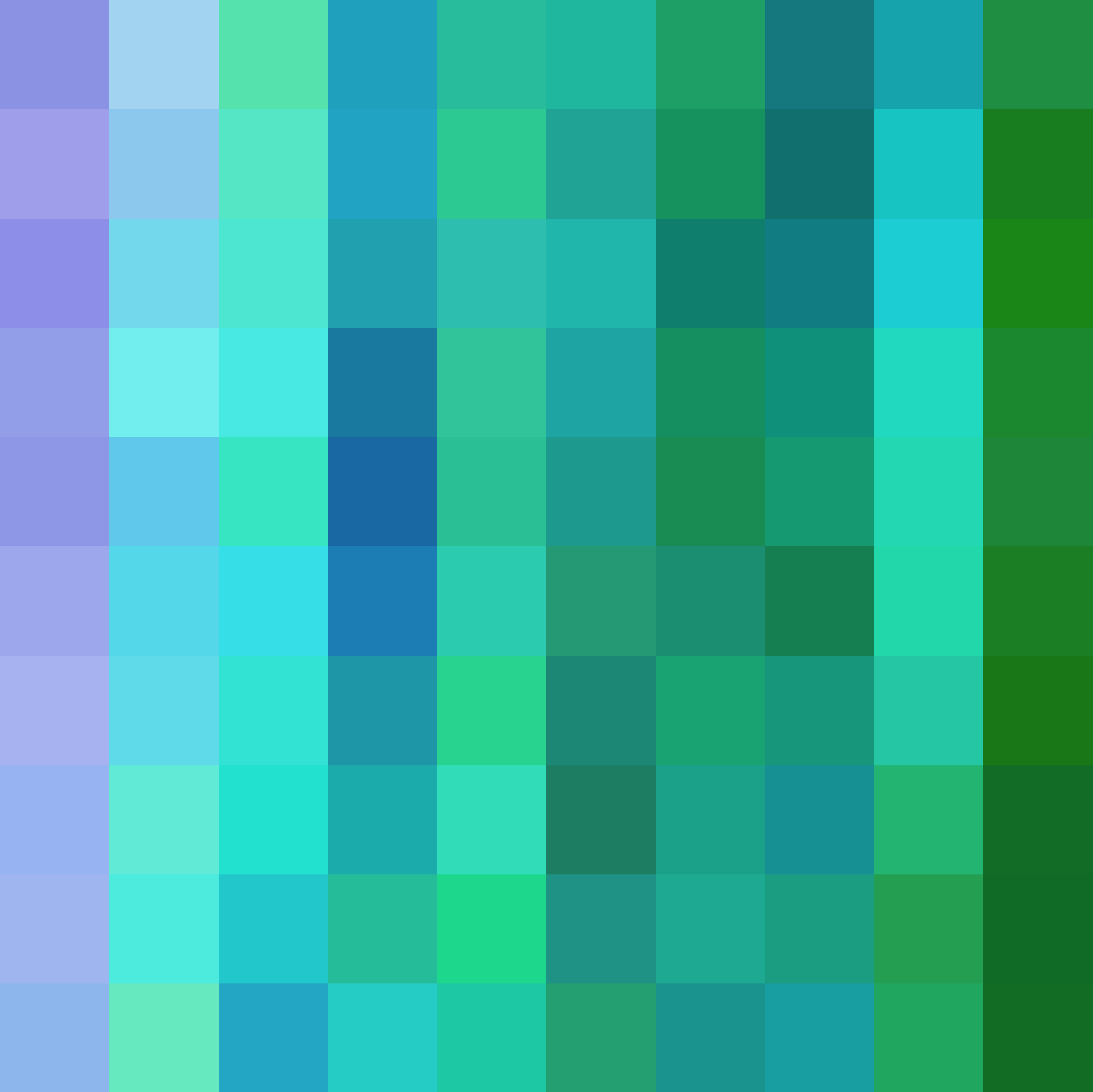
There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has quite some cyan, some blue, a bit of indigo, a little bit of purple, a tiny bit of magenta, and a tiny bit of violet in it.

This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly green, but it also has a bit of cyan in it.
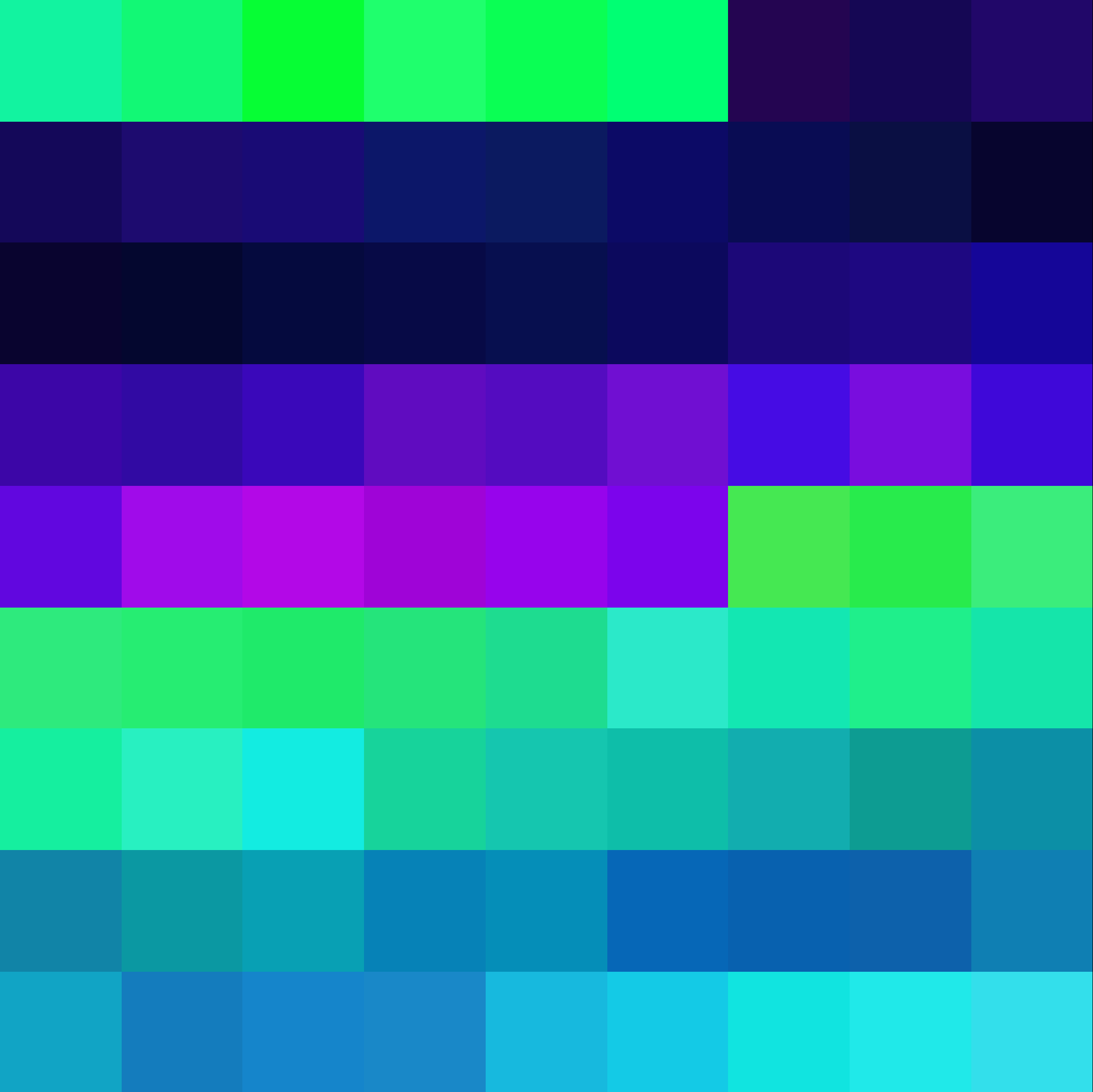
The cells in this 10 by 10 pixel grid form a gradient. It is mostly cyan, and it also has quite some green, some blue, and a tiny bit of indigo in it.

This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly magenta, but it also has some rose, some green, some blue, a bit of purple, a bit of indigo, a little bit of violet, and a tiny bit of red in it.

A very colourful grid of 81 blocks. It's mostly
green, but it also has quite some blue, quite
some indigo, quite some cyan, a bit of purple,
and a little bit of violet in it.

Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly green, and it also has quite some lime, some yellow, and some indigo in it.
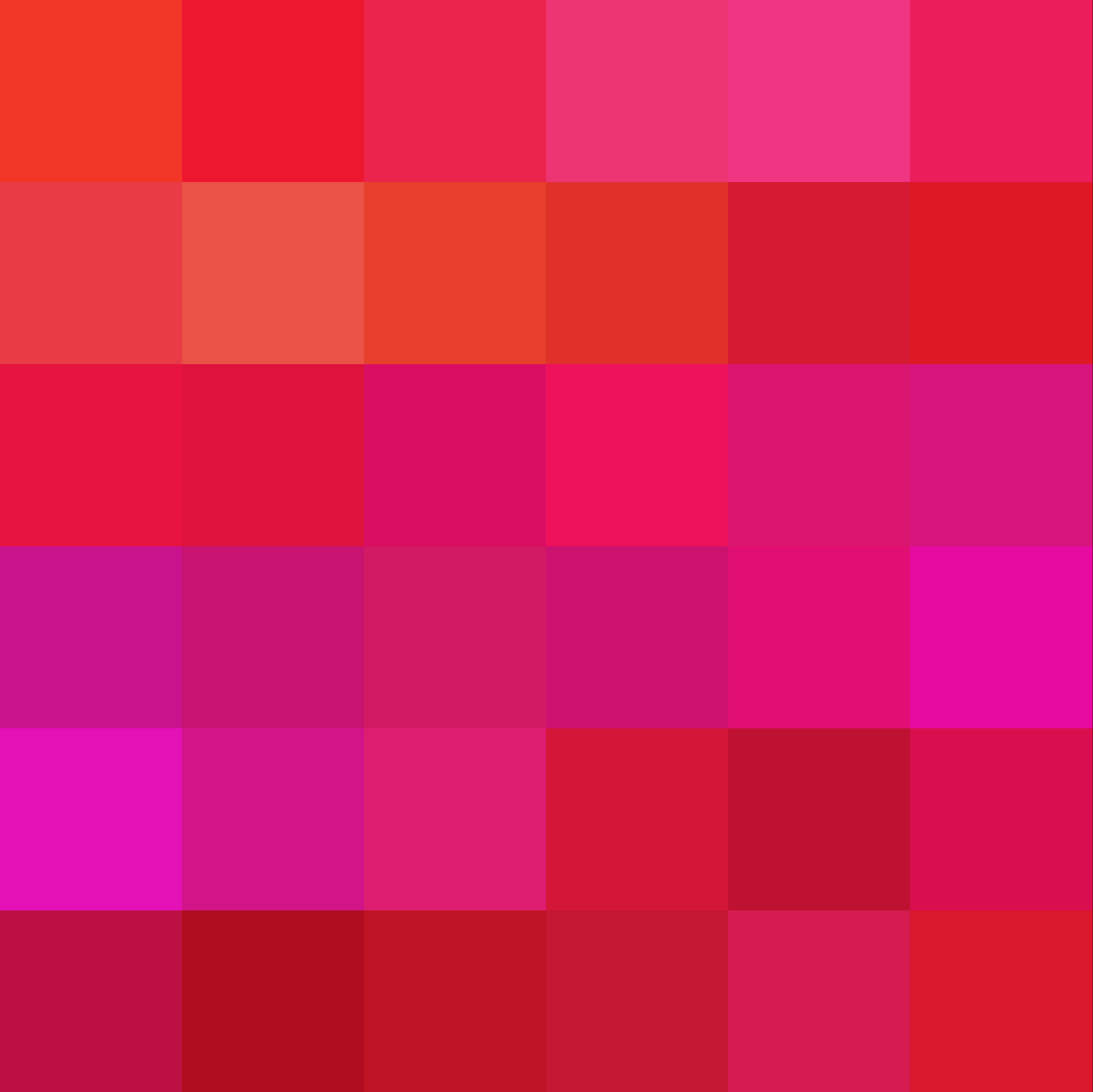
A 6 by 6 grid with coloured squares that form a monochrome gradient. The colours are various shades of red.

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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