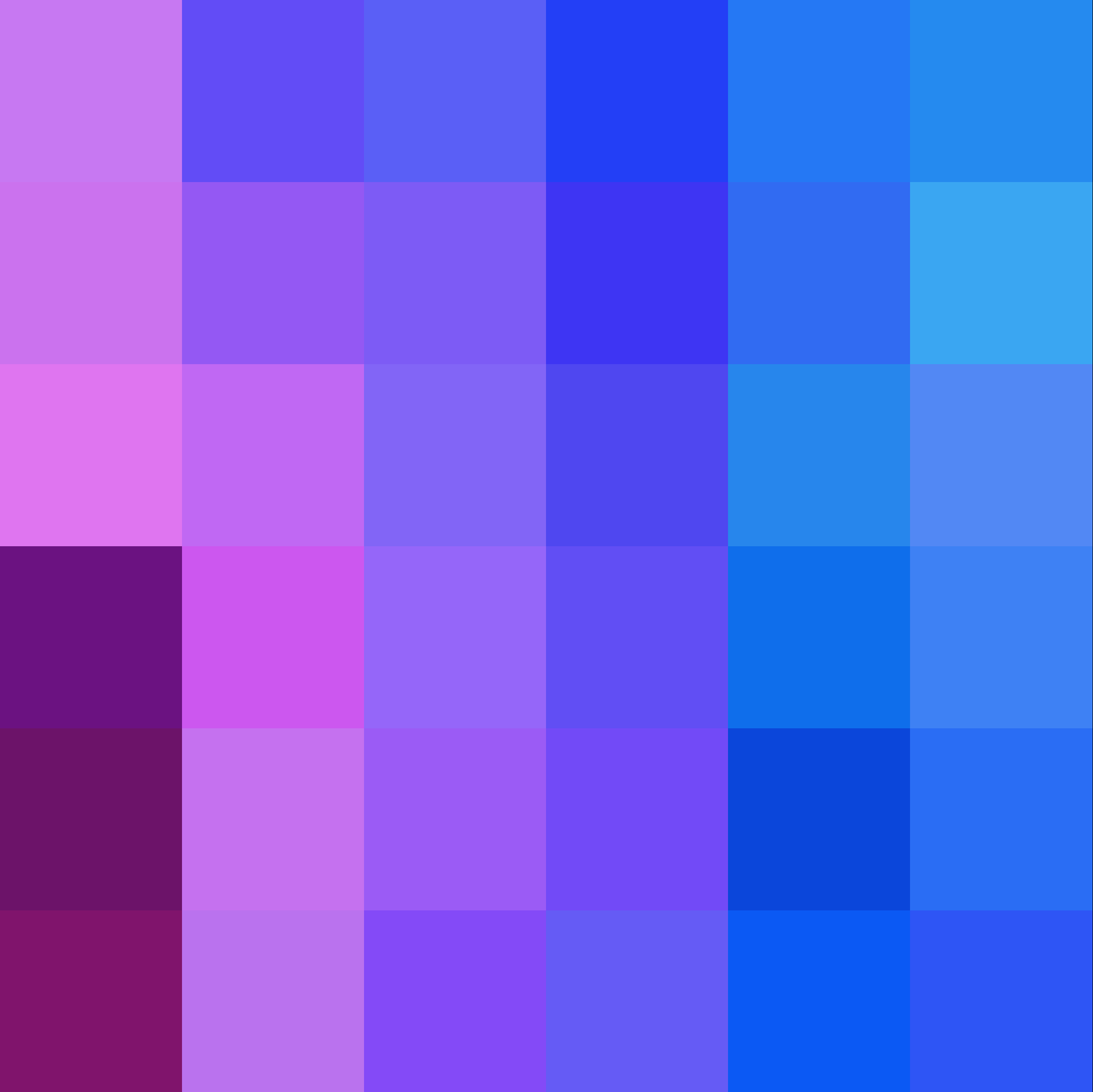# 100 random pixel gradients

Vasilis van Gemert - 03-07-2023

A colourful grid of 169 blocks. It's mostly orange, but it also has quite some red, quite some green, some yellow, and a bit of lime in it.

This colourful pixel gradient—it is 6 cells wide, 6 cells high—is mostly blue, but it also has quite some indigo, some purple, a bit of magenta, and a little bit of violet in it.

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

This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly red, but it also has quite some magenta, some purple, a bit of indigo, a little bit of violet, a little bit of green, a little bit of orange, and a tiny bit of rose in it.

The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly blue, but it also has quite some indigo, some violet, a little bit of purple, and a tiny bit of cyan 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 some cyan, a bit of yellow, a bit of lime, a tiny bit of blue, a tiny bit of orange, and a tiny bit of indigo in it.

Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly red, and it also has quite some orange, and a bit of rose in it.
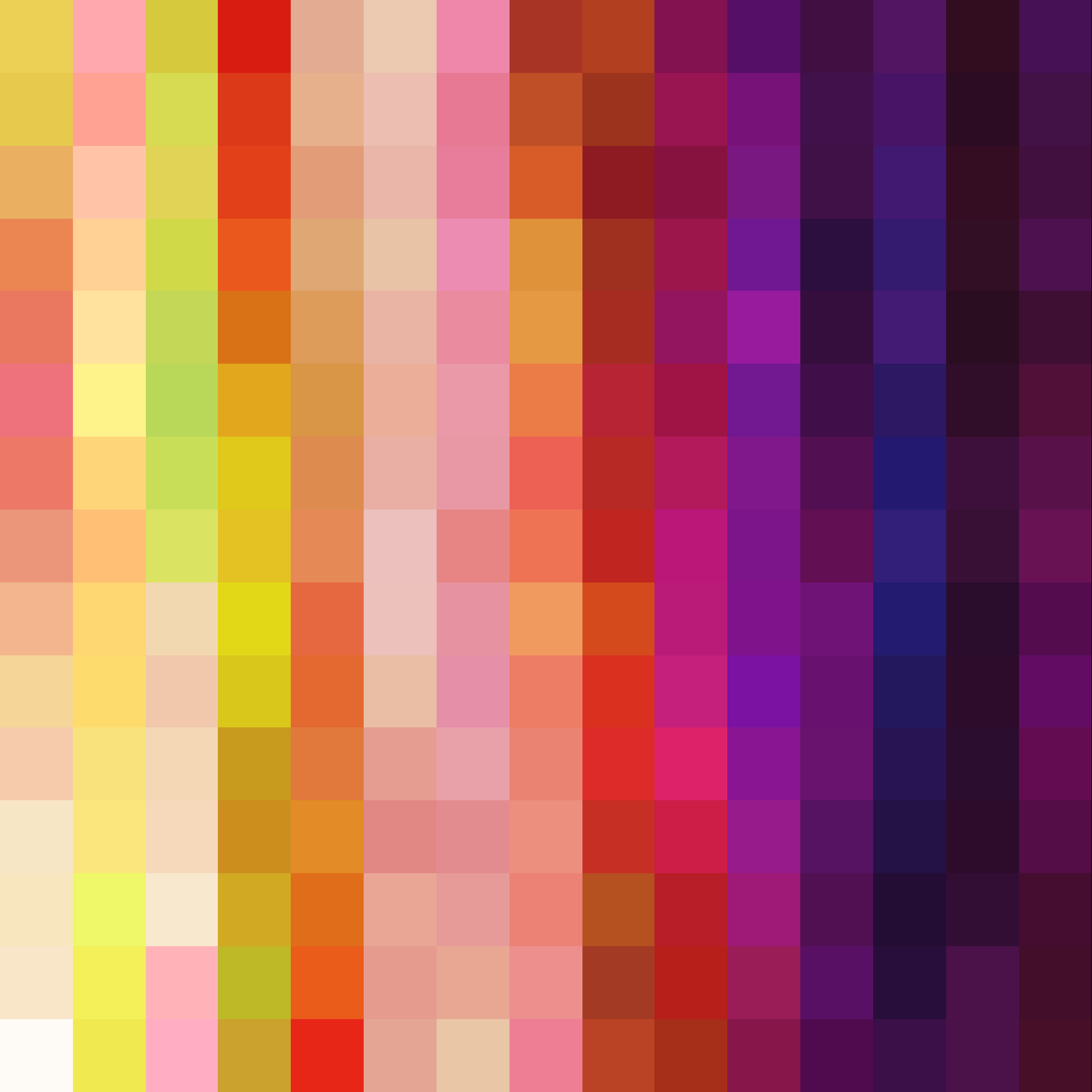
This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, but it also has quite some red, some yellow, some rose, a bit of lime, and a tiny bit of orange in it.

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

This pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, but it also has quite some orange, a bit of yellow, and a tiny bit of lime in it.

There's a pixel gradient in this 8 by 8 grid. It is mostly yellow, and it also has some lime, some orange, and some green in it.
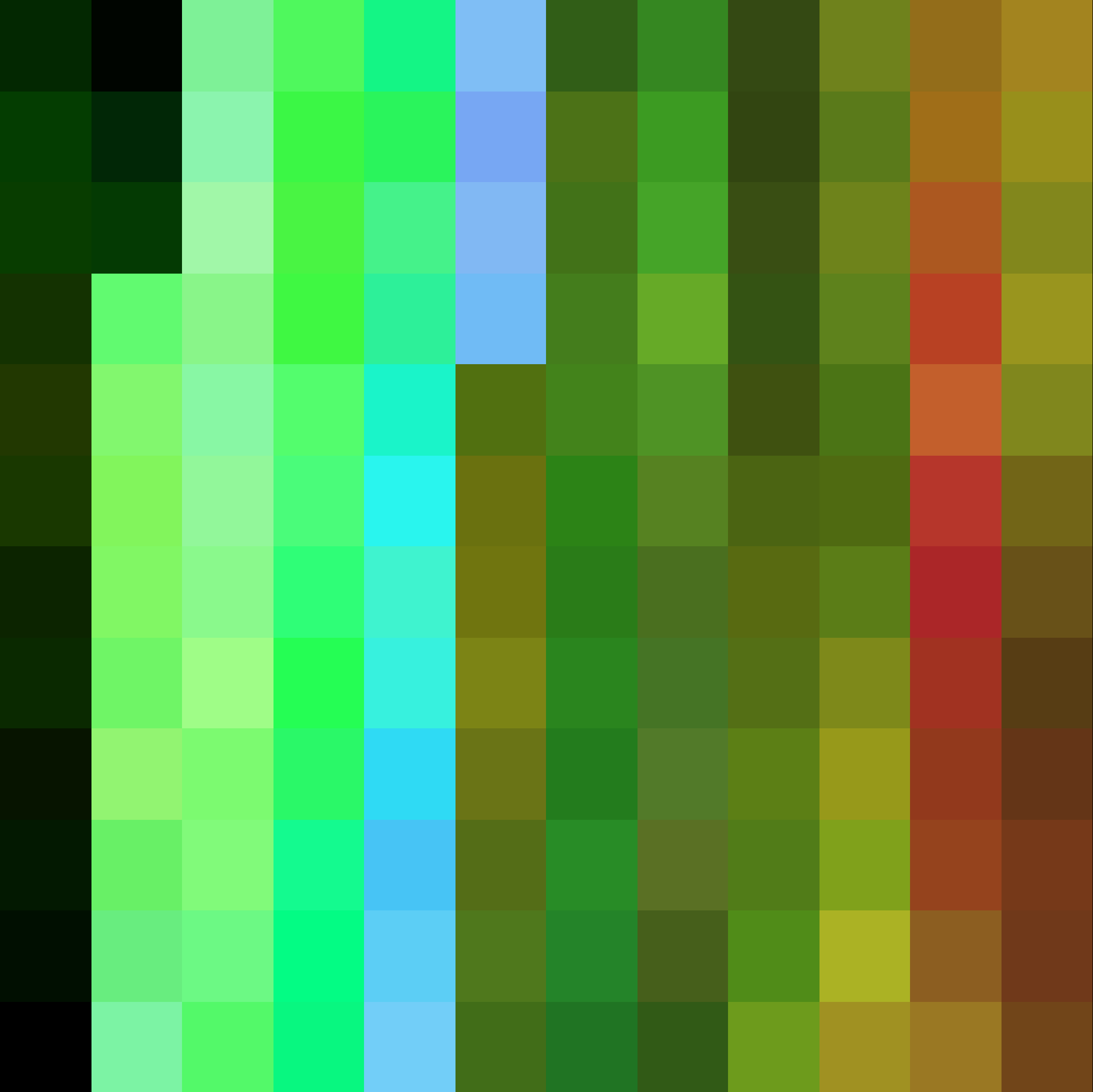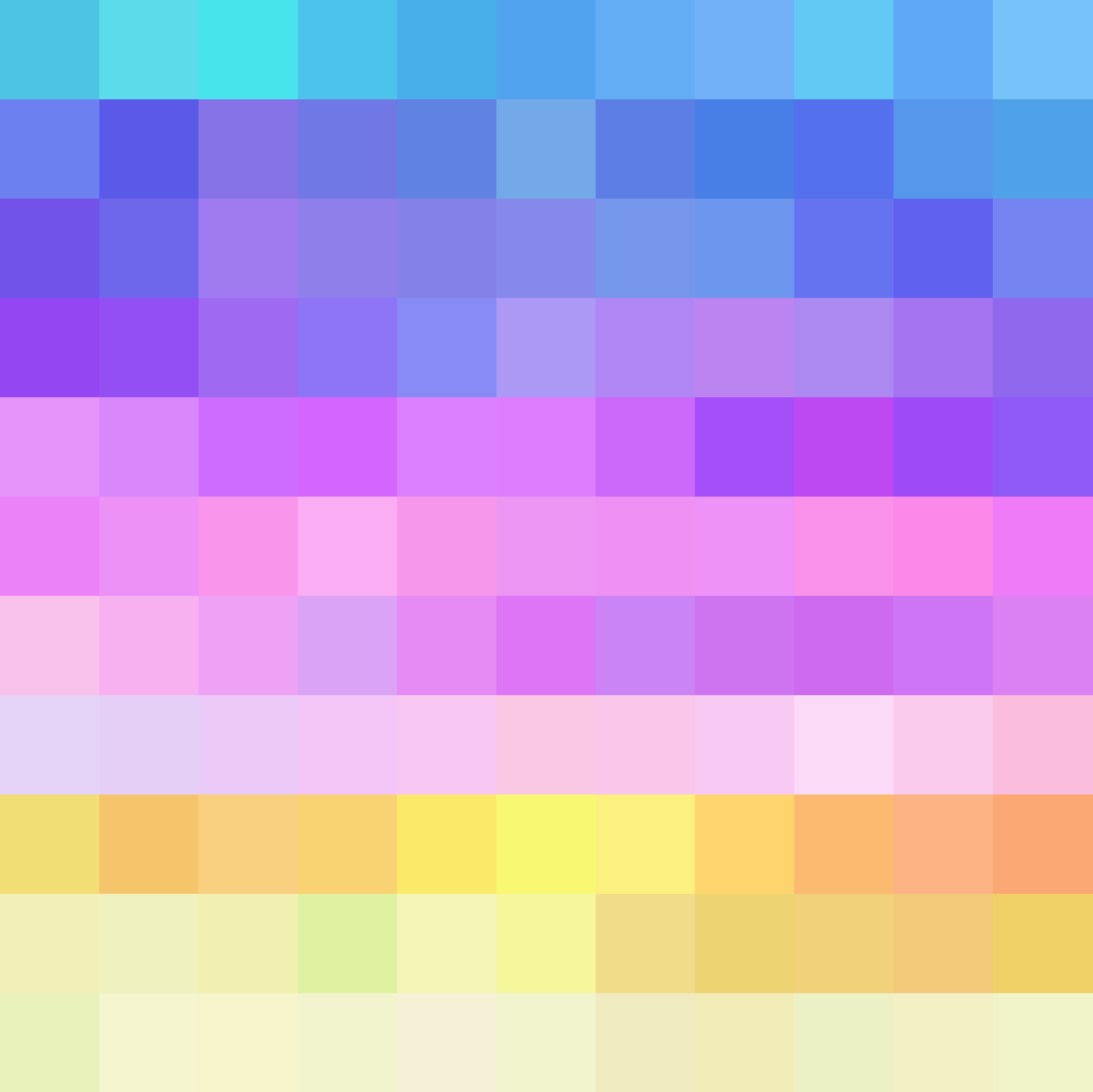
A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has a bit of yellow, a bit of orange, a bit of lime, a little bit of blue, a little bit of cyan, and a little bit of red in it.
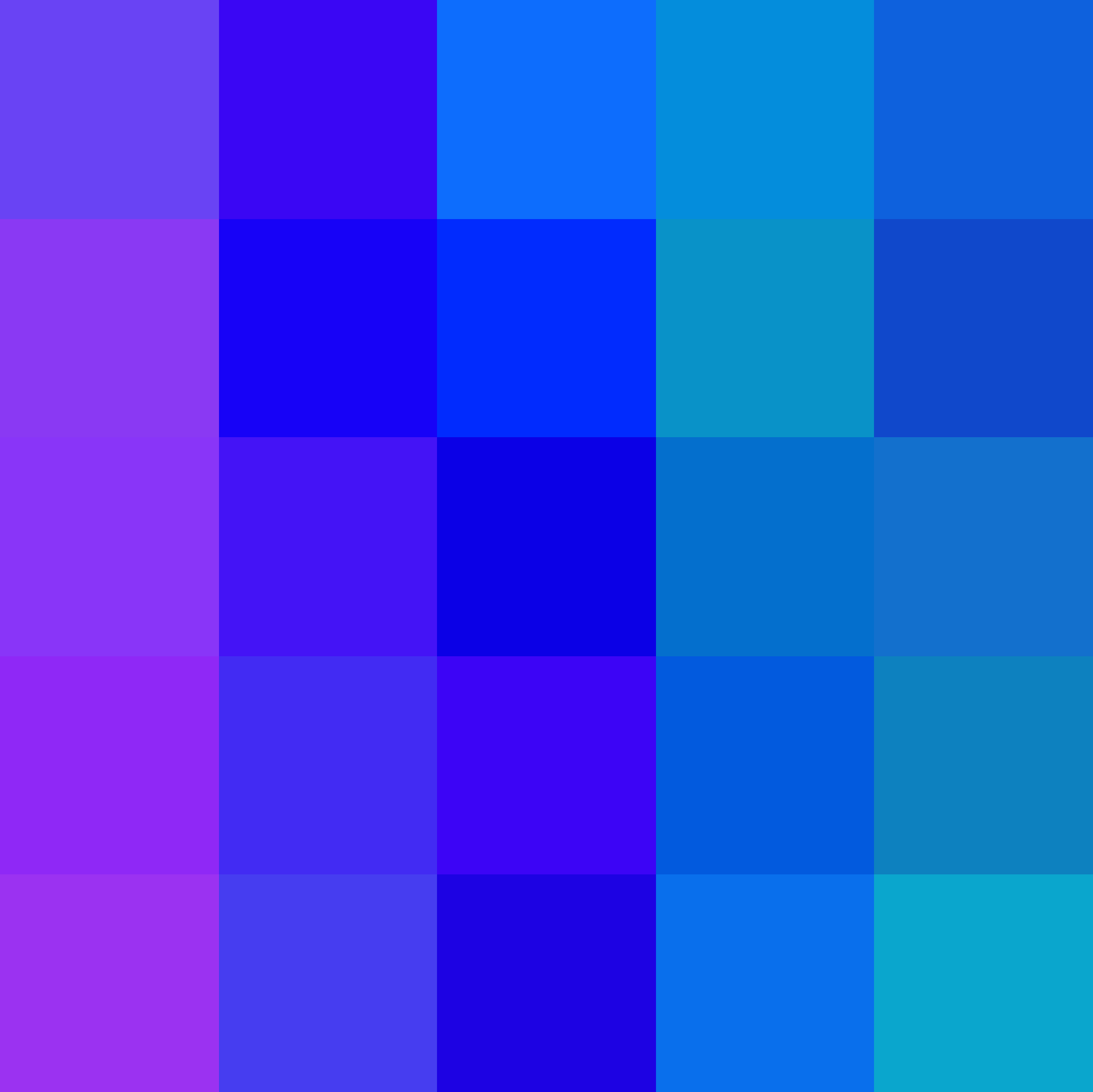
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, some violet, a little bit of purple, and a little bit of cyan in it.
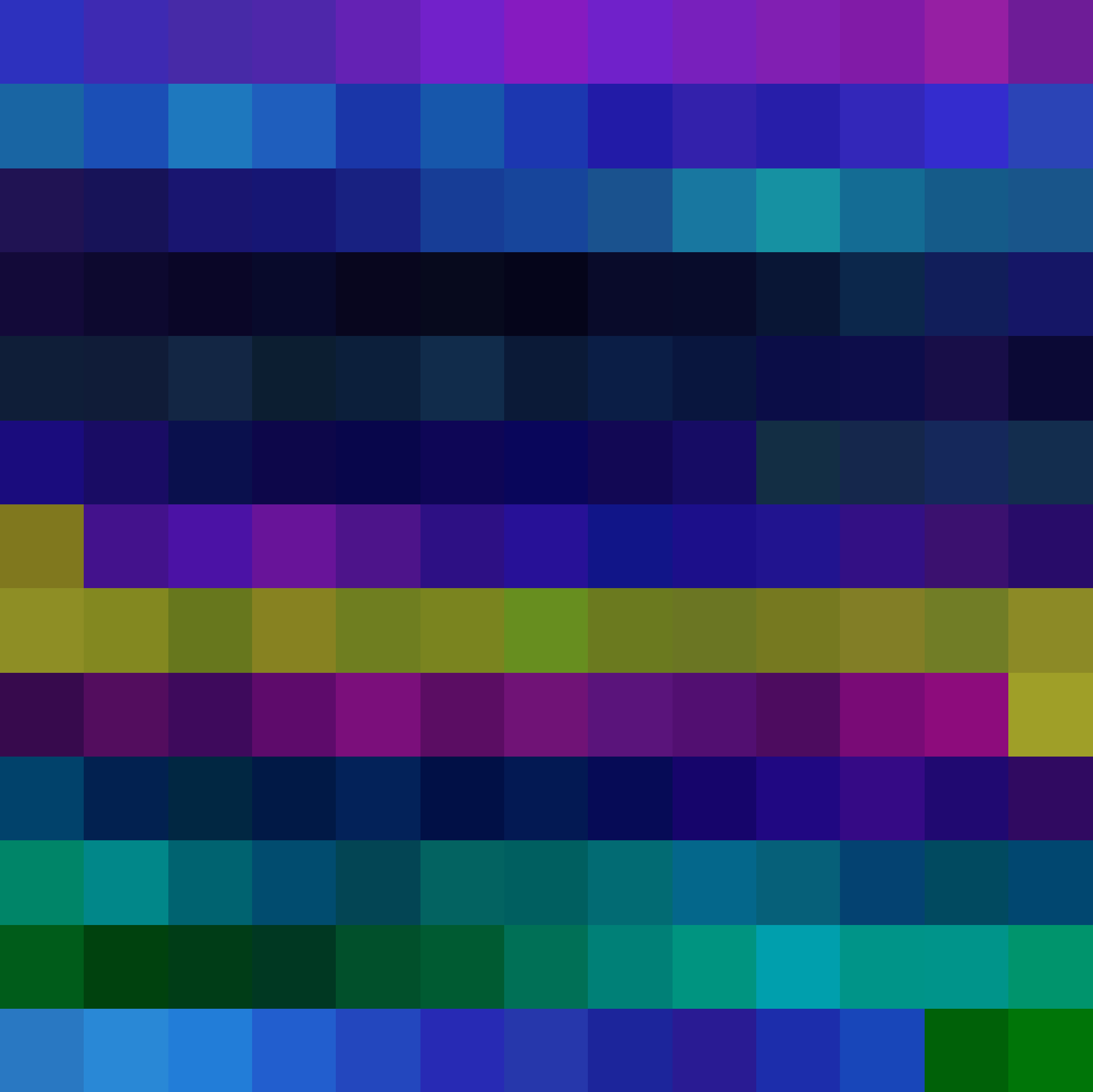
The very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has some red, some cyan, a bit of yellow, a bit of orange, a little bit of lime, and a tiny bit of blue in it.

A grid with 121 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some magenta, some yellow, some purple, a bit of indigo, a bit of orange, a bit of violet, a tiny bit of cyan, a tiny bit of lime, and a tiny bit of rose in it.
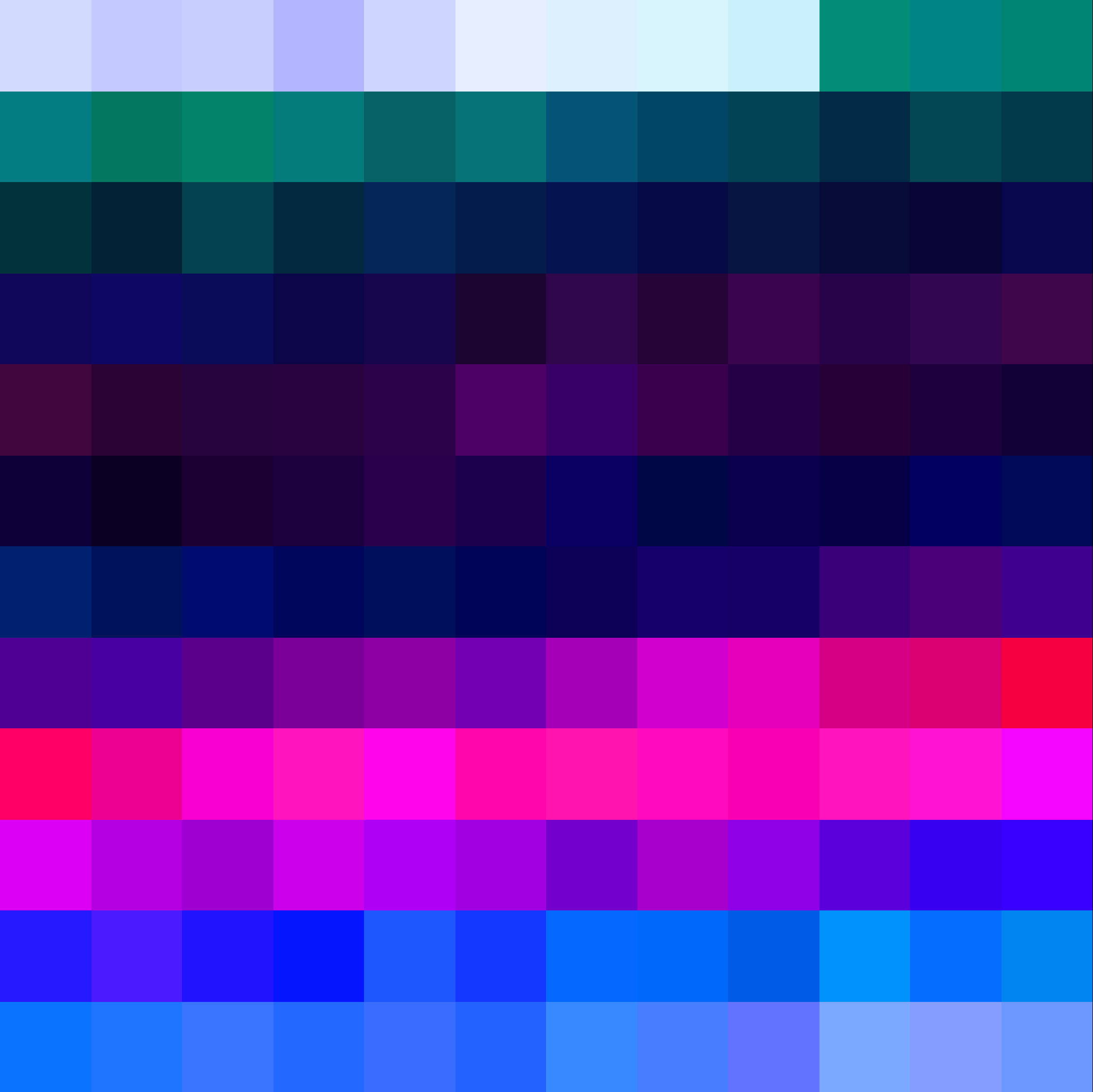
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, a bit of cyan, a bit of yellow, a bit of purple, a little bit of violet, a little bit of green, a little bit of magenta, and a tiny bit of lime in it.
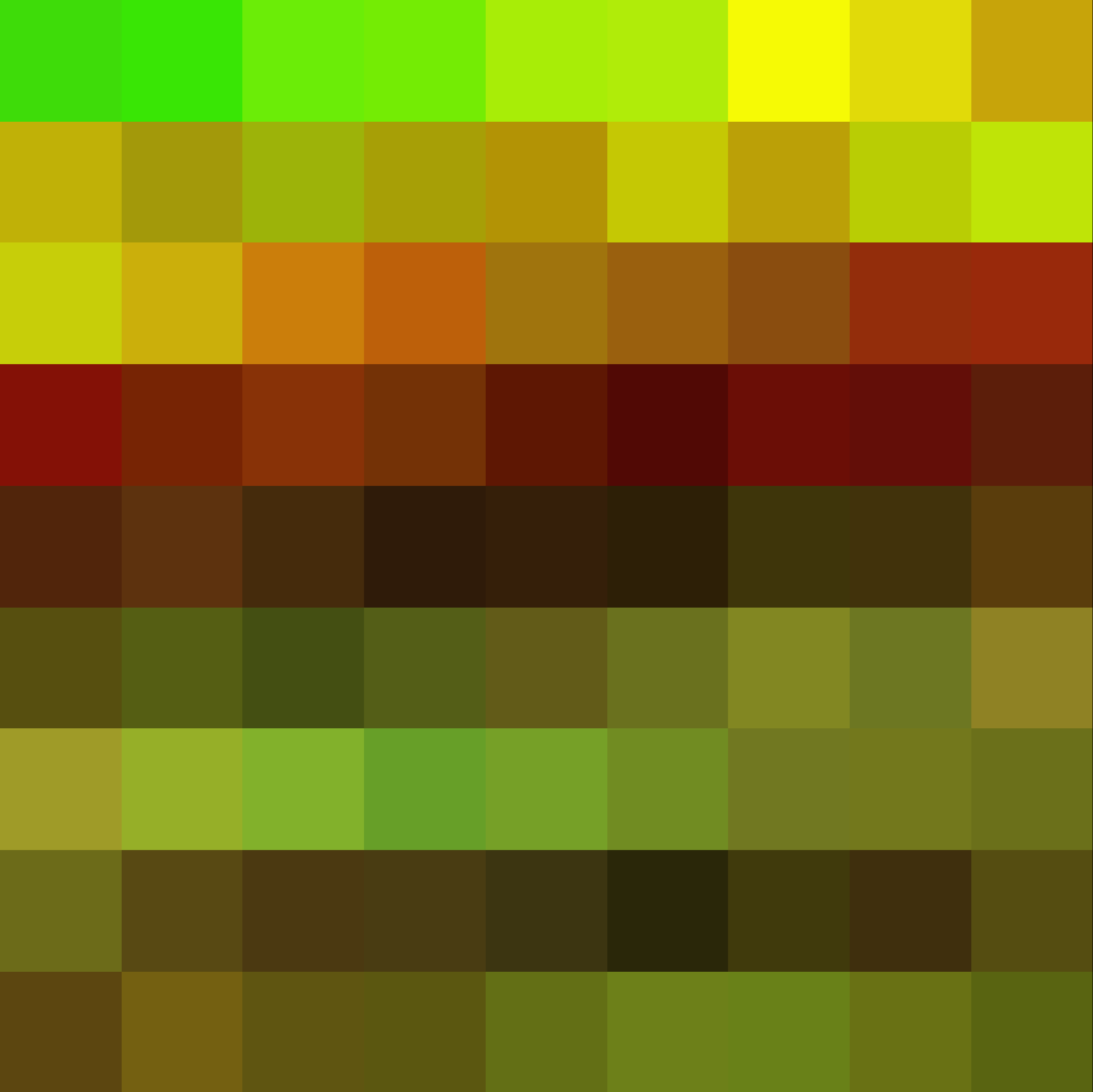
There's a pixel gradient in this 7 by 7 grid. It is mostly red, but it also has quite some cyan, some blue, and a tiny bit of green in it.

The colourful gradient in this 7 by 7 pixel grid is mostly rose, and it also has quite some red, some magenta, a bit of yellow, and a tiny bit of orange in it.
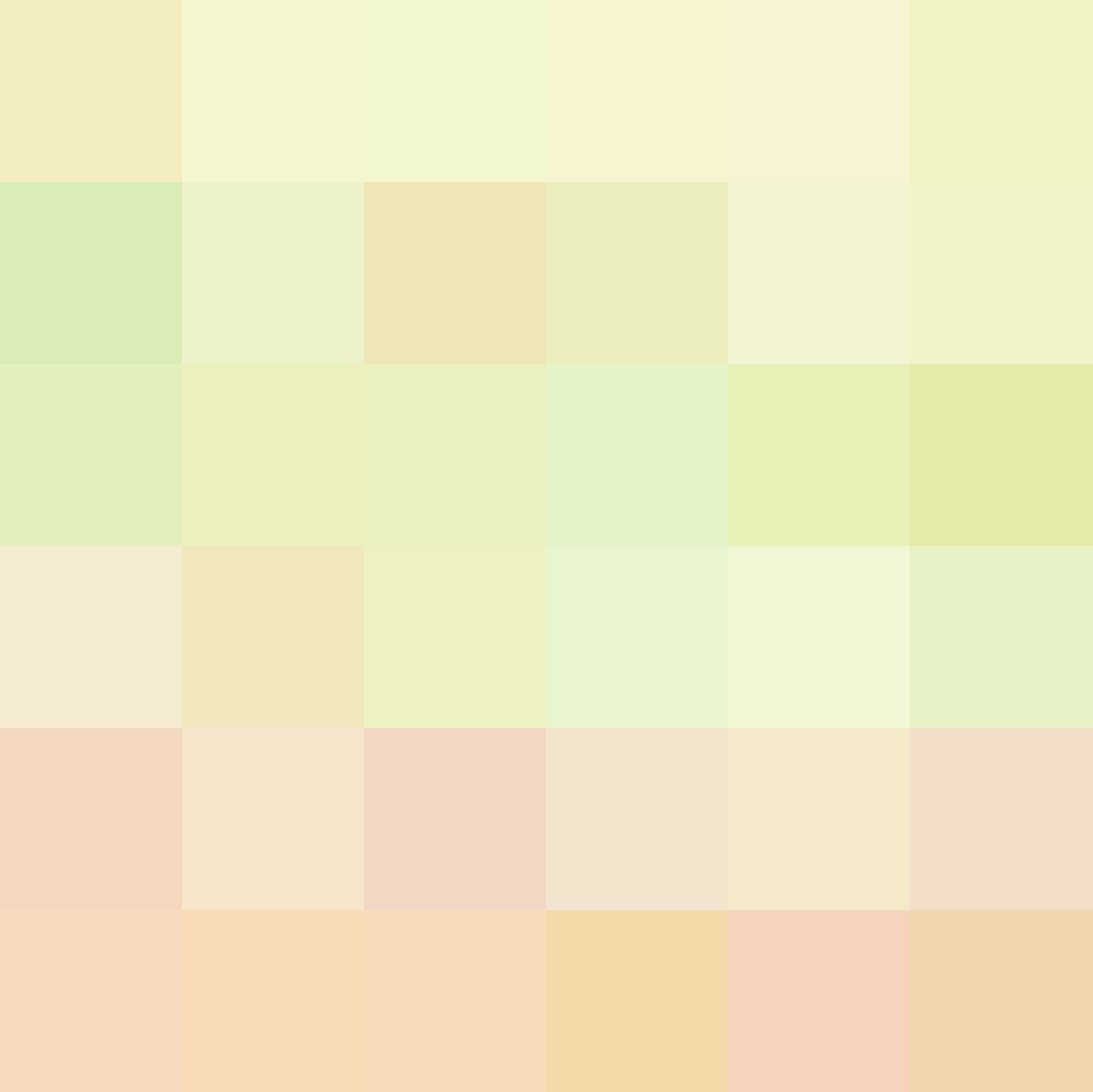
A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some purple, some indigo, some magenta, a bit of cyan, a little bit of violet, and a tiny bit of rose in it.

A colourful grid of 81 blocks. It's mostly yellow, and it also has quite some orange, a bit of red, a bit of green, and a bit of lime in it.

The very colourful gradient in this 11 by 11 pixel grid is mostly magenta, and it also has quite some rose, some purple, a little bit of indigo, a little bit of red, and a little bit of violet in it.

There's a pixel gradient in this 6 by 6 grid. It is mostly yellow, and it also has quite some orange, some lime, and a little bit of green in it.

There's a colourful pixel gradient in this 11 by 11 grid. It is mostly red, but it also has quite some green, some orange, a bit of yellow, and a tiny 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 magenta, but it also has some red, some orange, some yellow, some rose, a little bit of purple, a little bit of green, a tiny bit of lime, a tiny bit of indigo, and a tiny bit of violet in it.
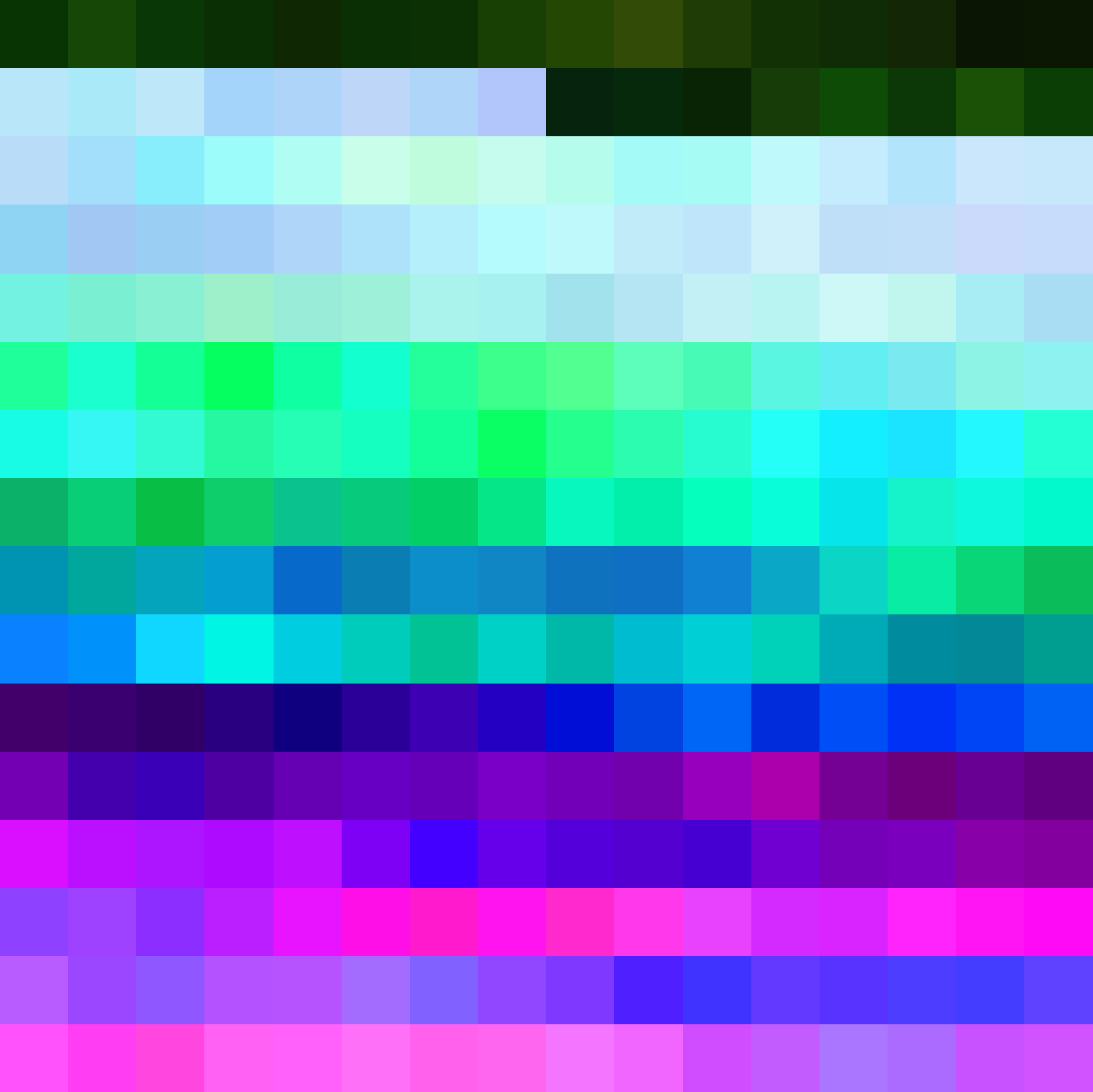
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly cyan, but it also has some rose, some green, some red, some magenta, a bit of purple, a bit of orange, a little bit of blue, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of violet in it.
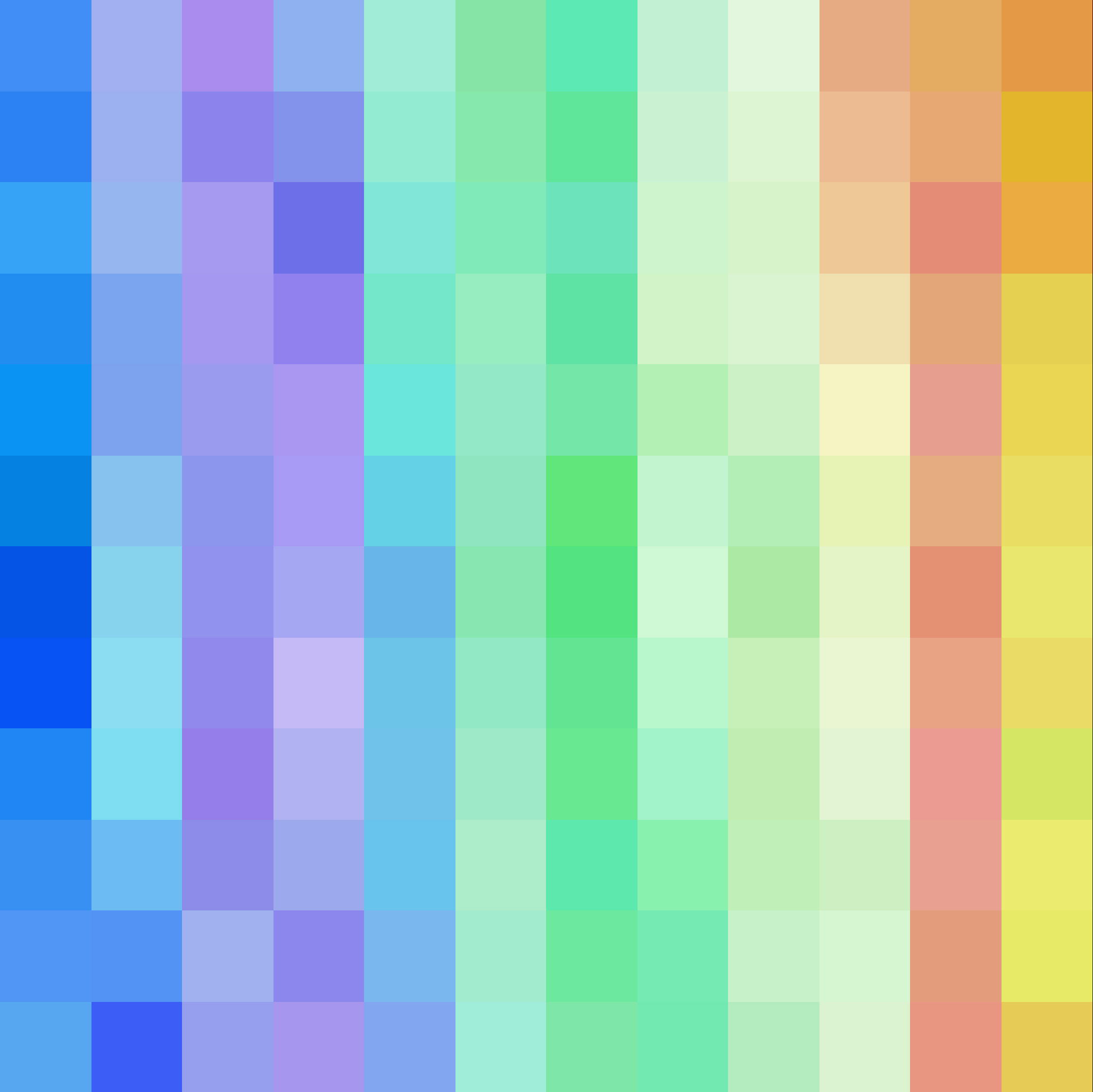
The colourful gradient in this 13 by 13 pixel grid is mostly red, but it also has some orange, a bit of yellow, a little bit of green, and a tiny bit of lime in it.
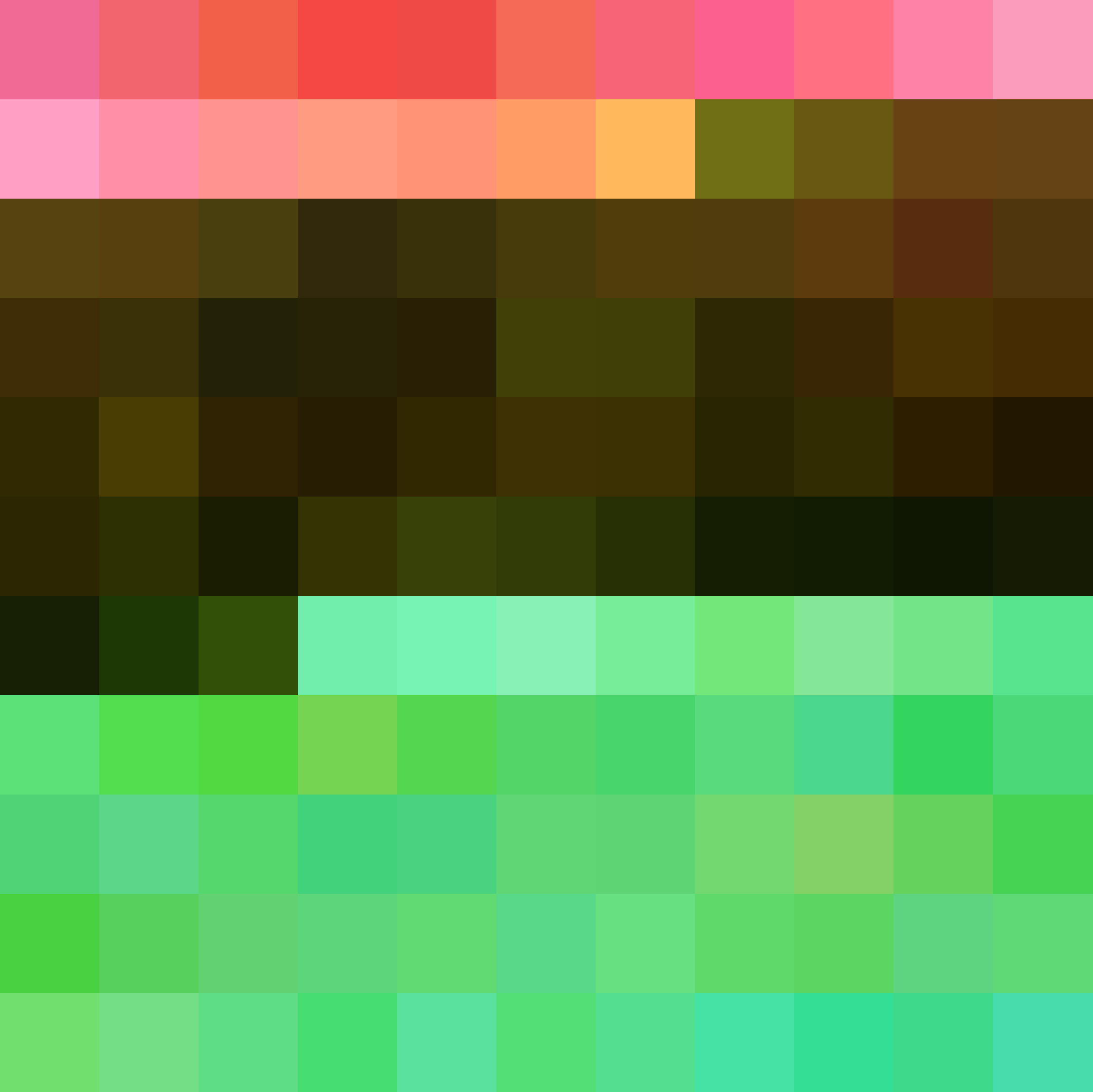
Here's an 11 by 11 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has some yellow, some orange, a bit of red, a little bit of rose, and a little bit of lime in it.
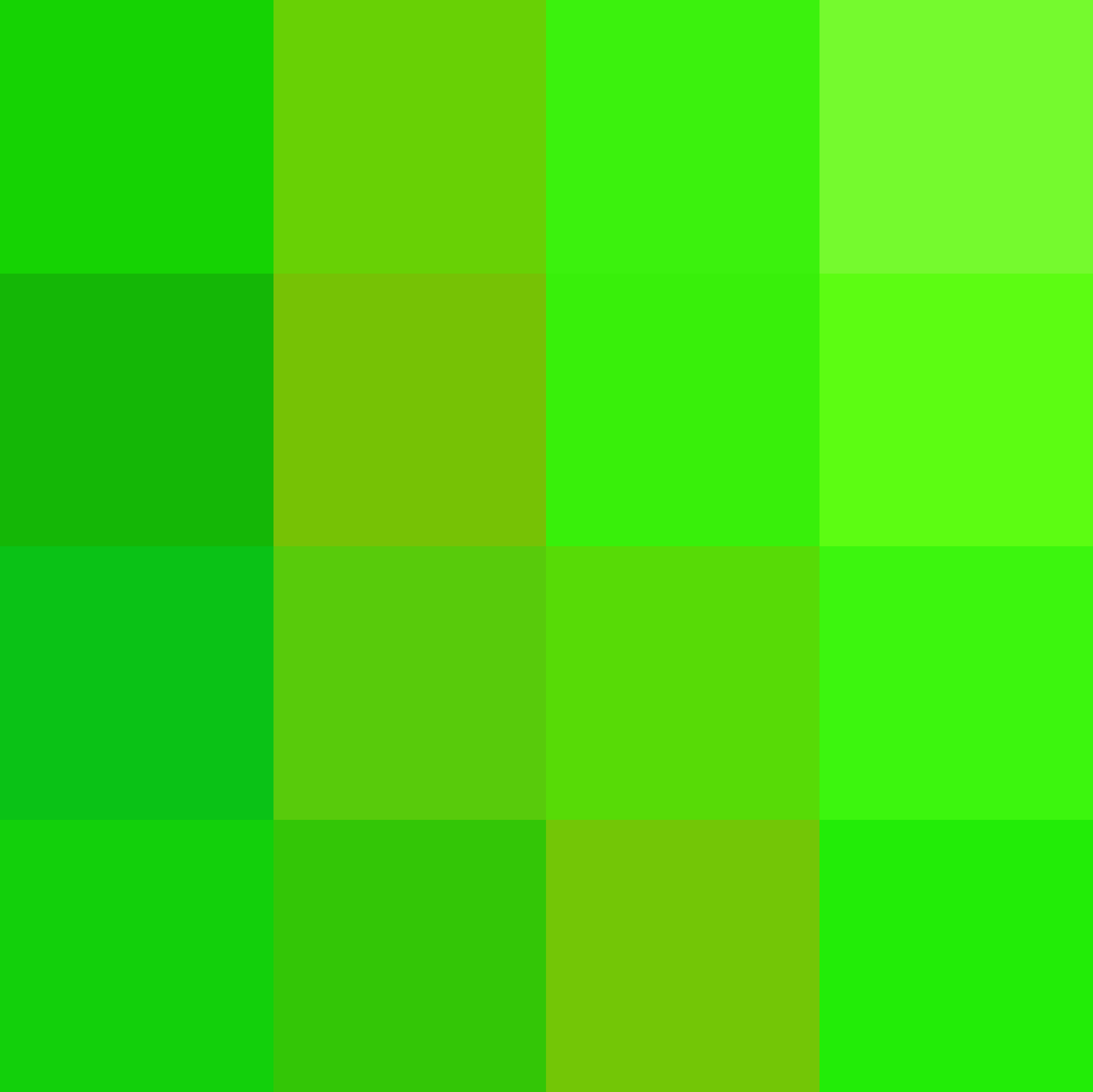
The very colourful gradient in this 16 by 16 pixel grid is mostly cyan, and it also has quite some green, some blue, some purple, a bit of magenta, a little bit of indigo, and a little bit of violet in it.

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

This two tone gradient, generated in this 7 by 7 pixel grid, is mostly green, and it also has a little bit of lime in it.
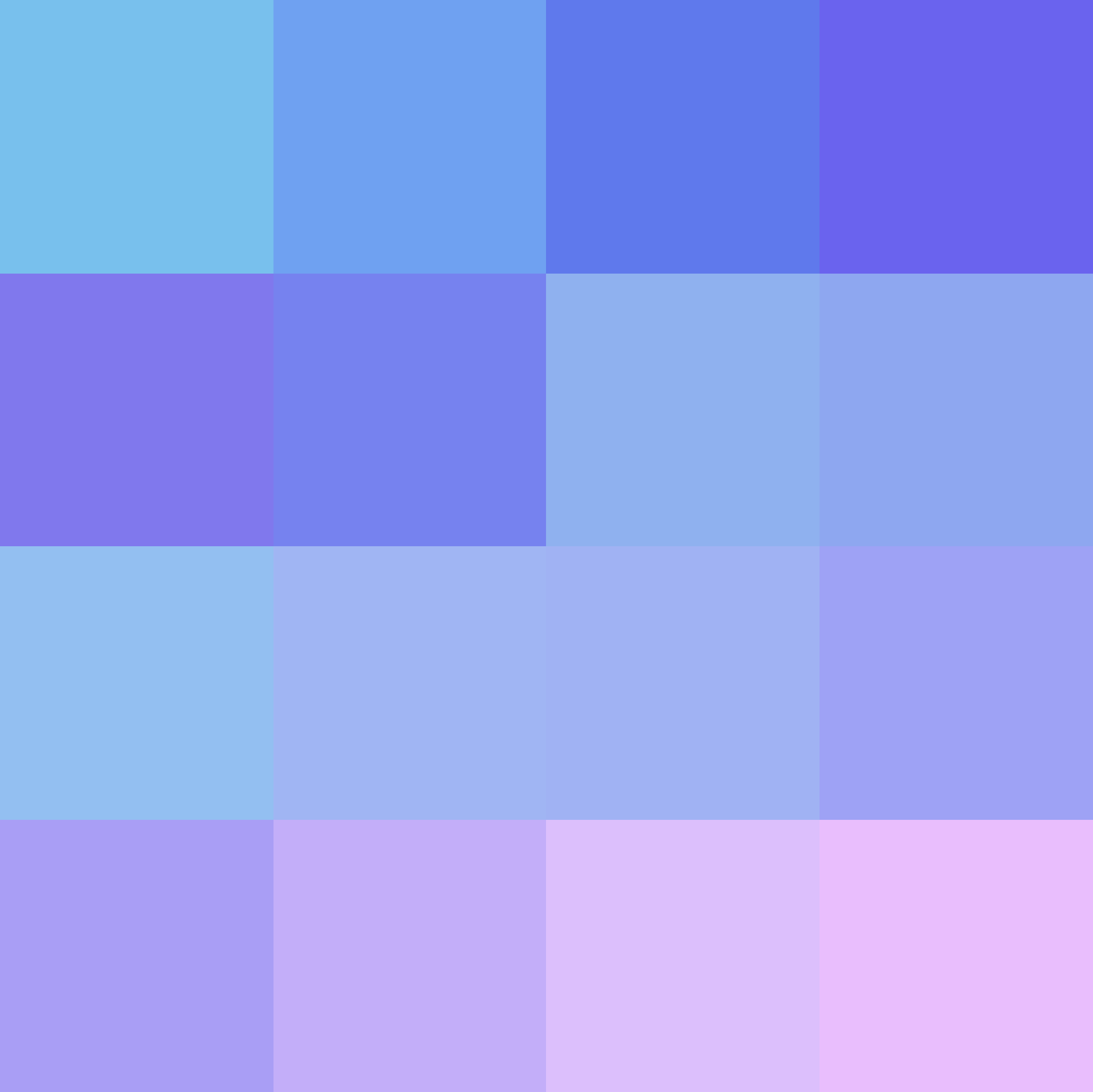
This monochrome gradient, generated in this 4 by 4 pixel grid, is green.

A grid with 49 coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, and it also has quite some rose, a bit of red, a bit of purple, and a little bit of violet in it.

This pixel gradient—it is 4 cells wide, 4 cells high—is mostly blue, and it also has quite some indigo, a little bit of violet, and a little bit of purple in it.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly indigo, but it also has some blue, some orange, some red, a bit of purple, a bit of magenta, a bit of lime, a little bit of yellow, a little bit of green, a little bit of rose, and a tiny bit of violet in it.
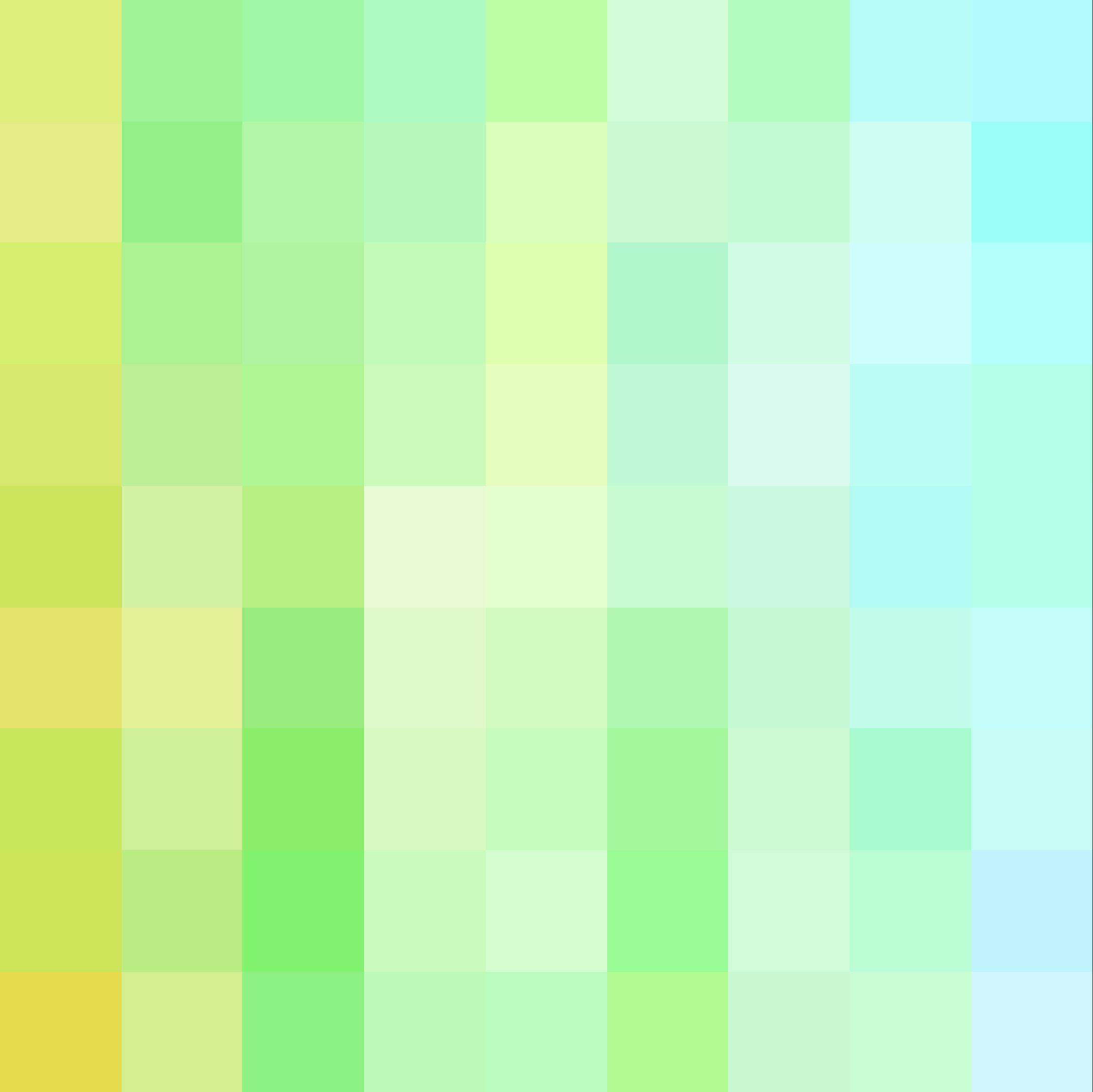
The cells in this 9 by 9 pixel grid form a gradient. It is mostly green, but it also has some cyan, a bit of yellow, and a little bit of lime in it.

There's a pixel gradient in this 9 by 9 grid. It is mostly magenta, and it also has quite some rose, some red, and a little bit of purple in it.

The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly green, and it also has quite some red, some rose, a bit of yellow, a bit of orange, a little bit of blue, a little bit of lime, a little bit of purple, a little bit of magenta, and a tiny bit of indigo in it.

There's a colourful pixel gradient in this 7 by 7 grid. It is mostly orange, but it also has quite some red, quite some rose, some yellow, and a bit of magenta in it.
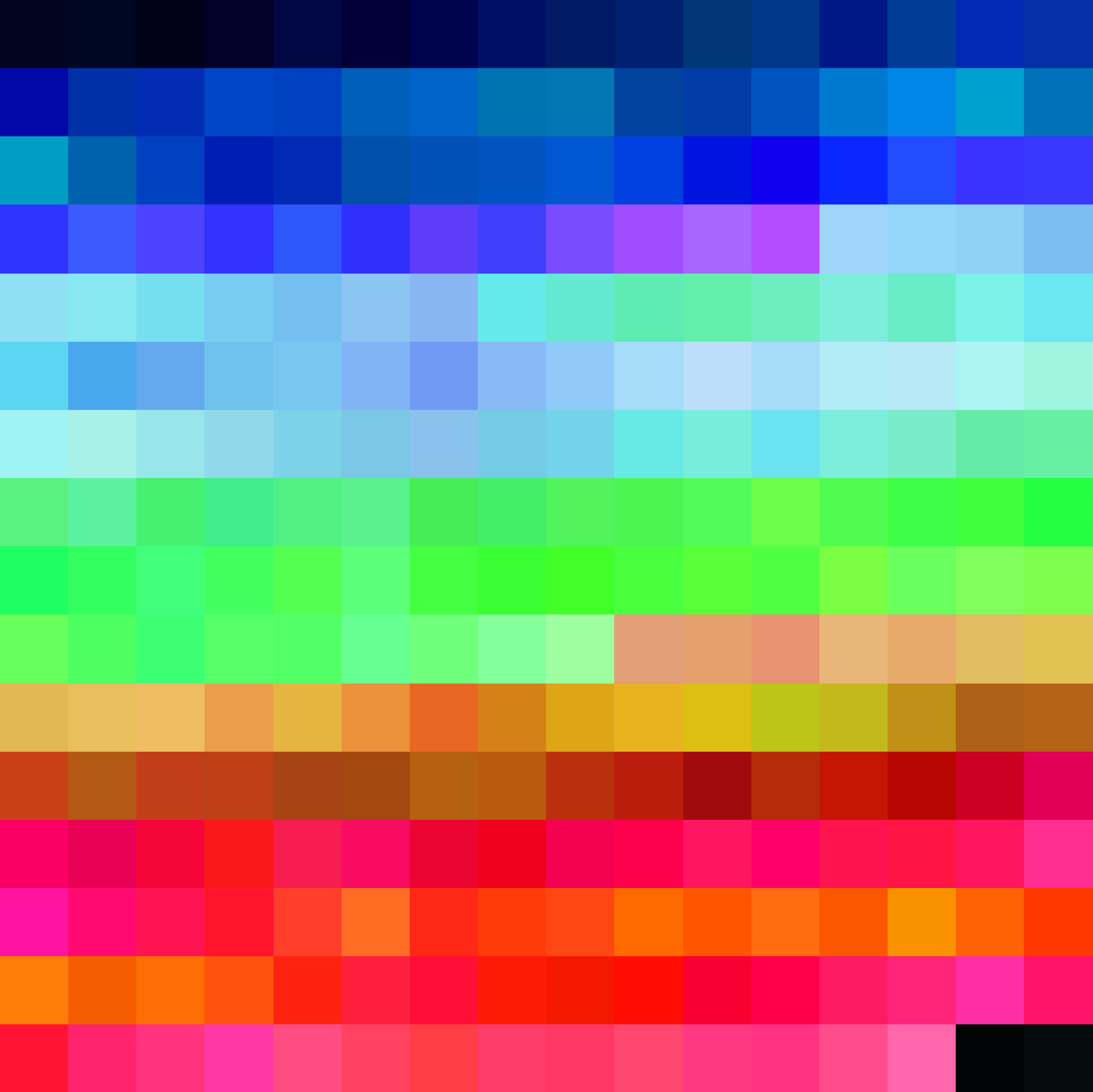
There's a two tone pixel gradient in this 6 by 6 grid. It is mostly green, but it also has a little bit of lime in it.
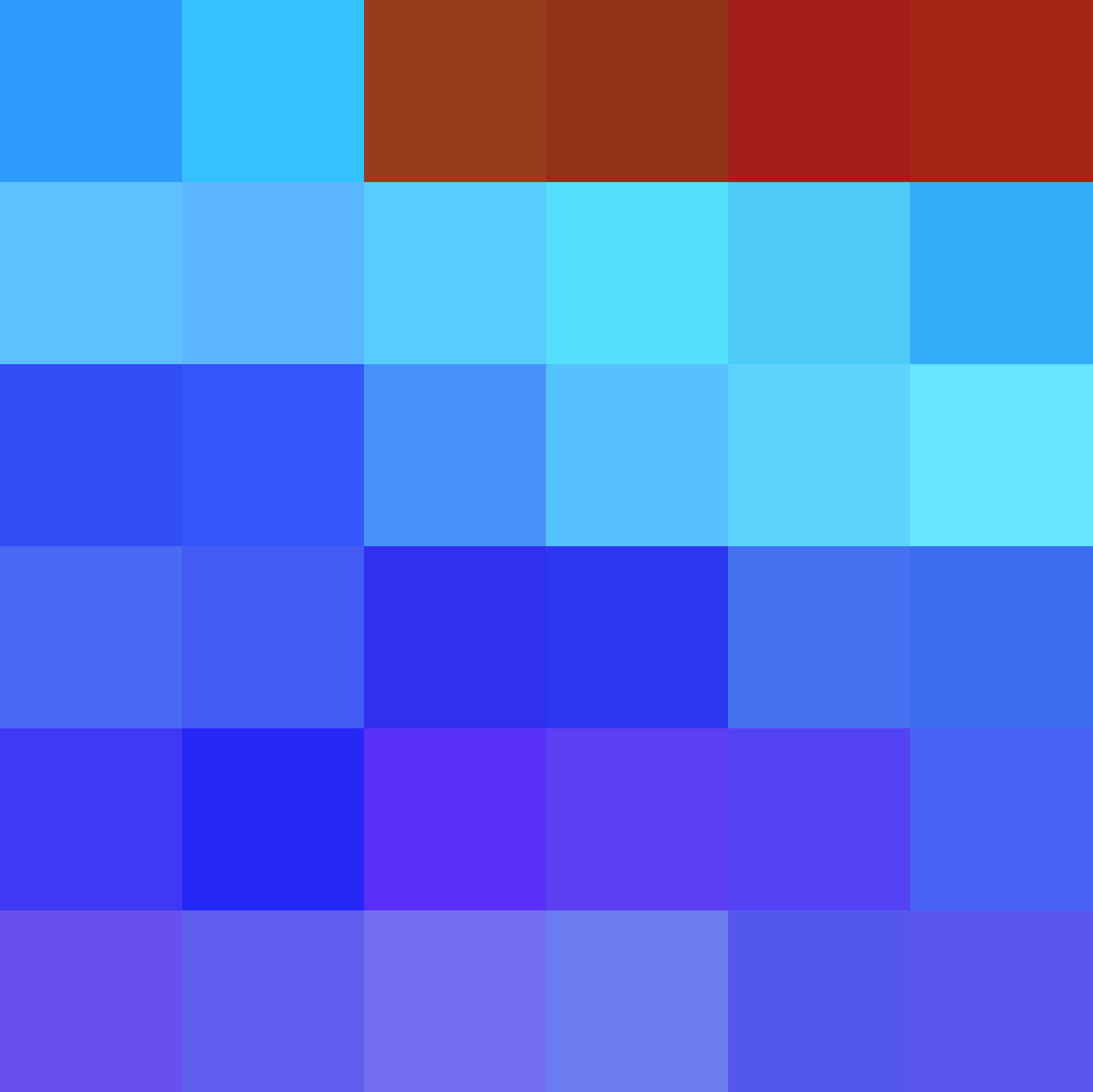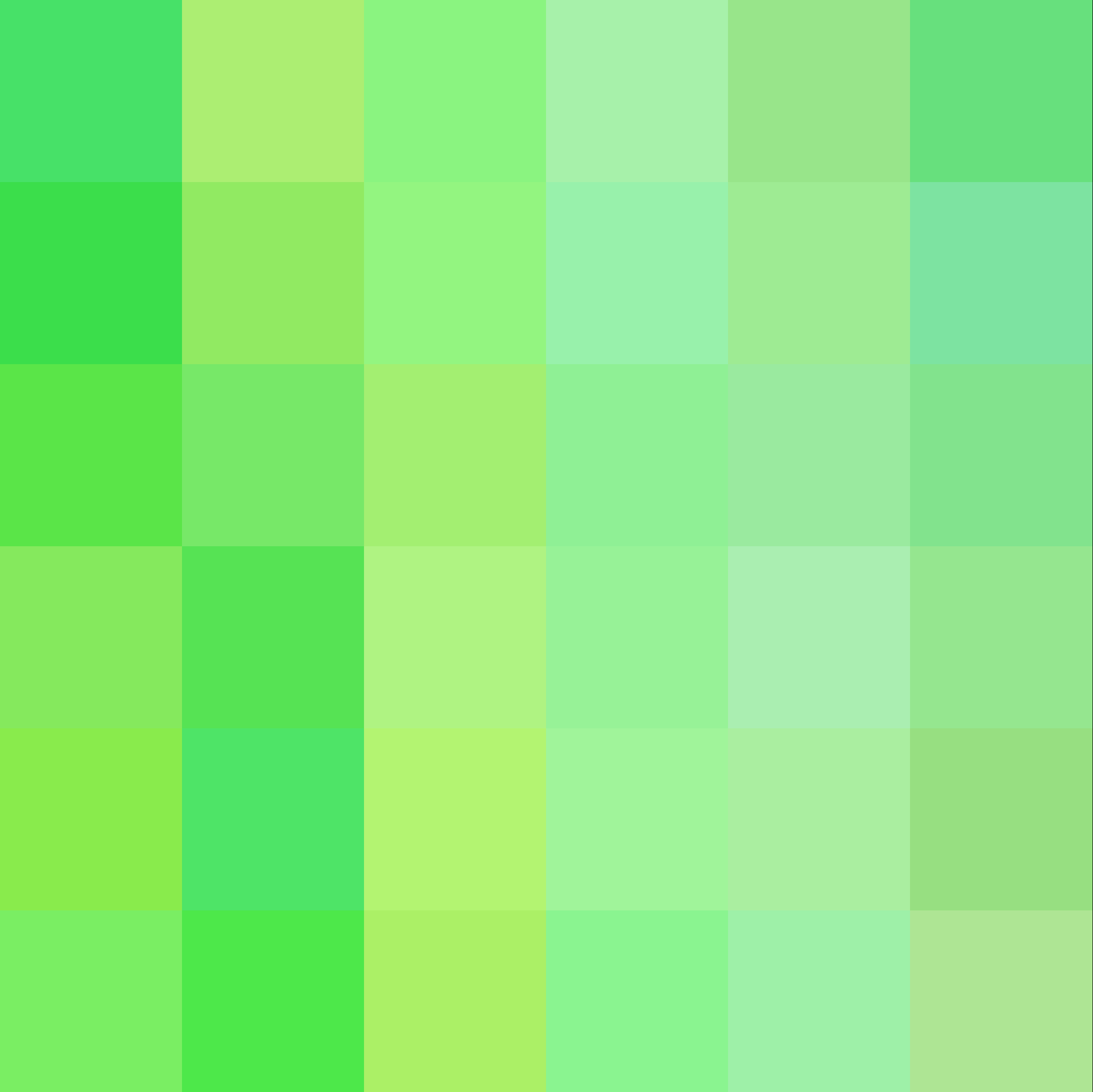
This colourful gradient, generated in this 6 by 6 pixel grid, is mostly blue, and it also has quite some indigo, a bit of red, a little bit of cyan, and a little bit of orange in it.
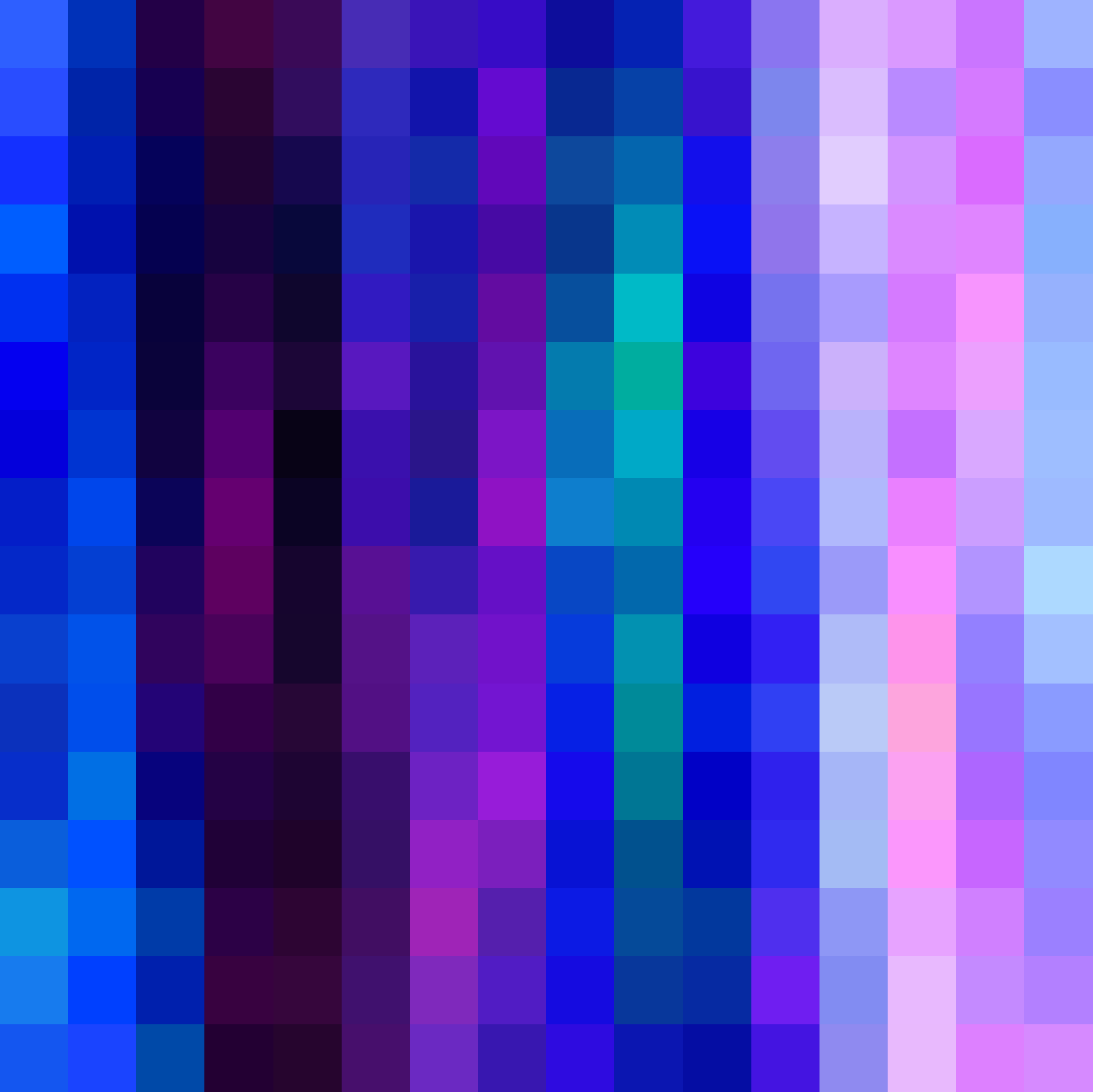
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some red, some green, some orange, a bit of cyan, a little bit of indigo, a tiny bit of yellow, a tiny bit of violet, and a tiny bit of purple in it.
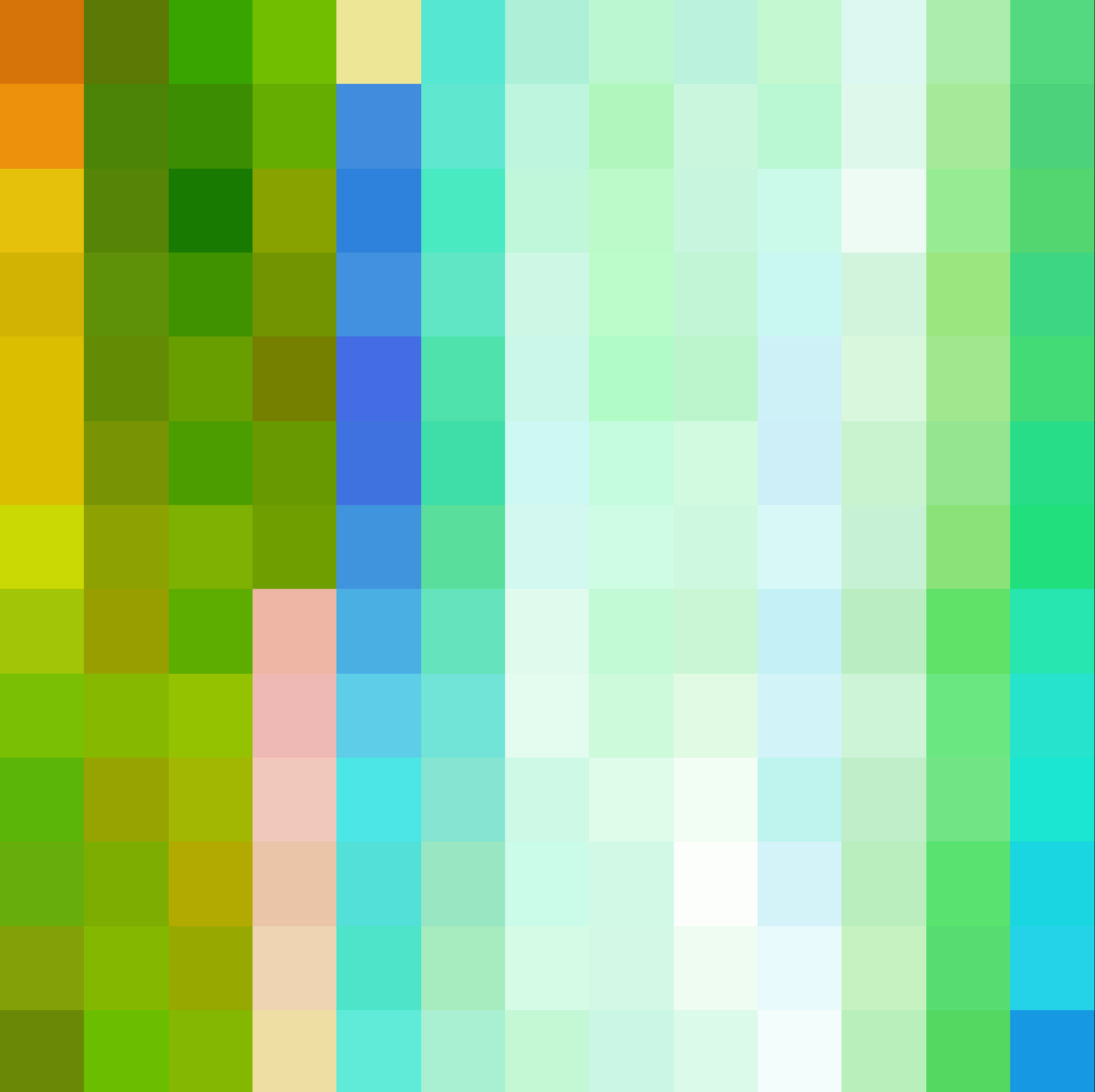
Here's a 13 by 13 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some cyan, a bit of yellow, a bit of lime, a little bit of blue, a tiny bit of orange, and a tiny bit of red in it.

Here's a 6 by 6 pixelated grid that forms a monochrome gradient. It is green.

There's a very colourful pixel gradient in this 16 by 16 grid. It is mostly blue, and it also has quite some indigo, quite some purple, some violet, a little bit of magenta, and a tiny bit of cyan in it.
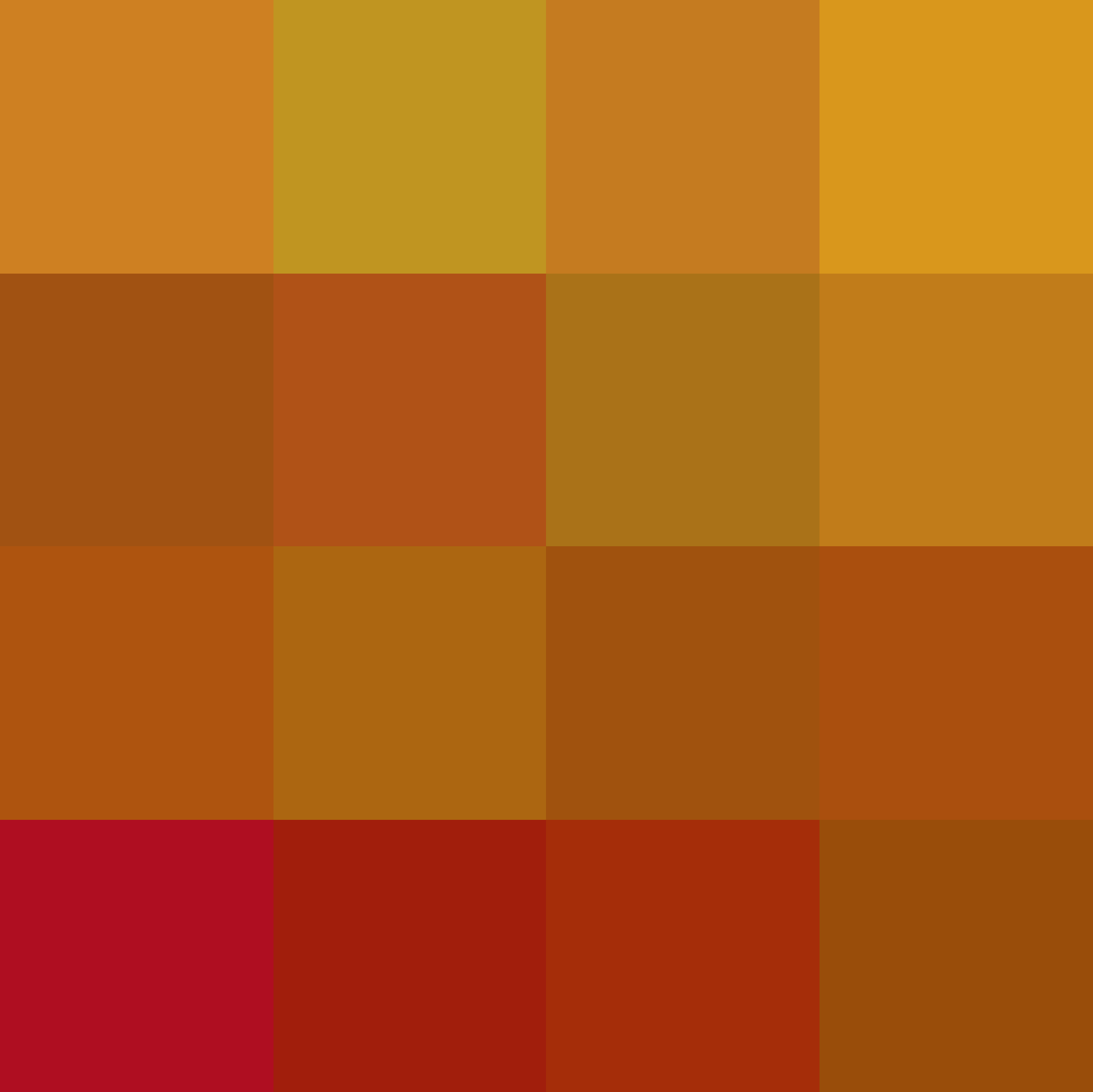
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly orange, and it also has some red in it.
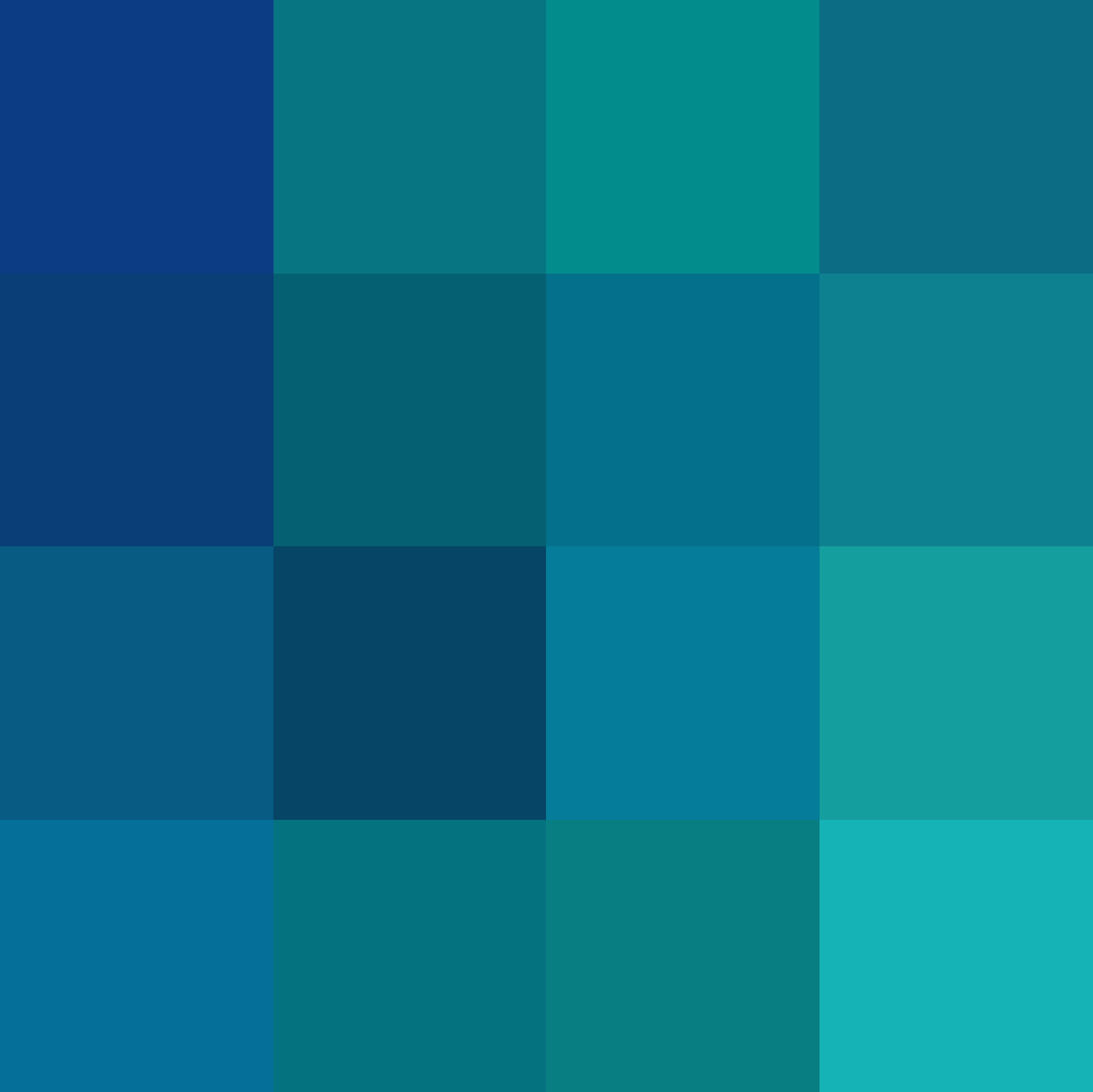
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly cyan, and it also has quite some blue in it.
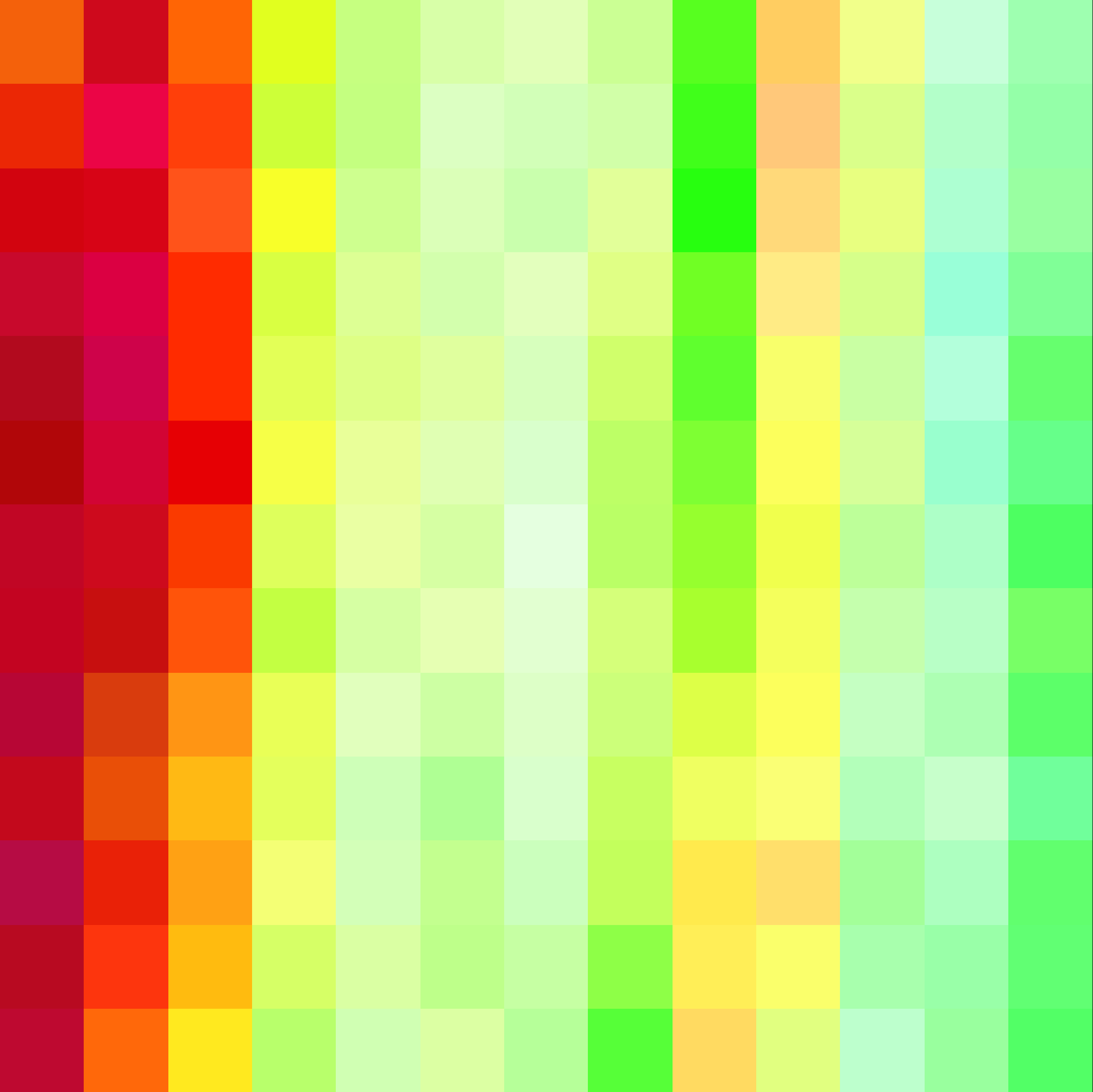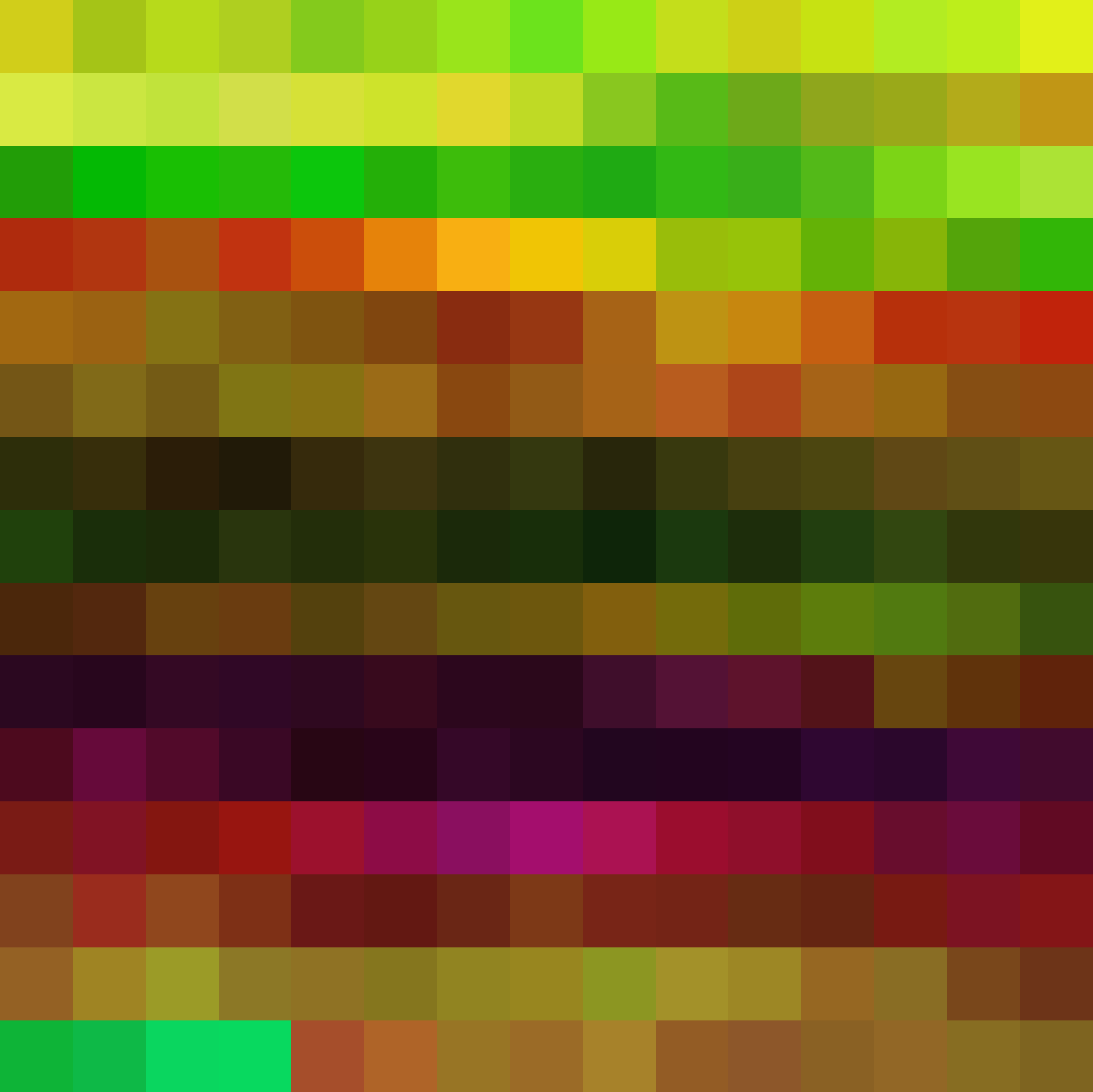
This colourful gradient, generated in this 13 by 13 pixel grid, is mostly green, but it also has some red, some yellow, some lime, and a bit of orange in it.
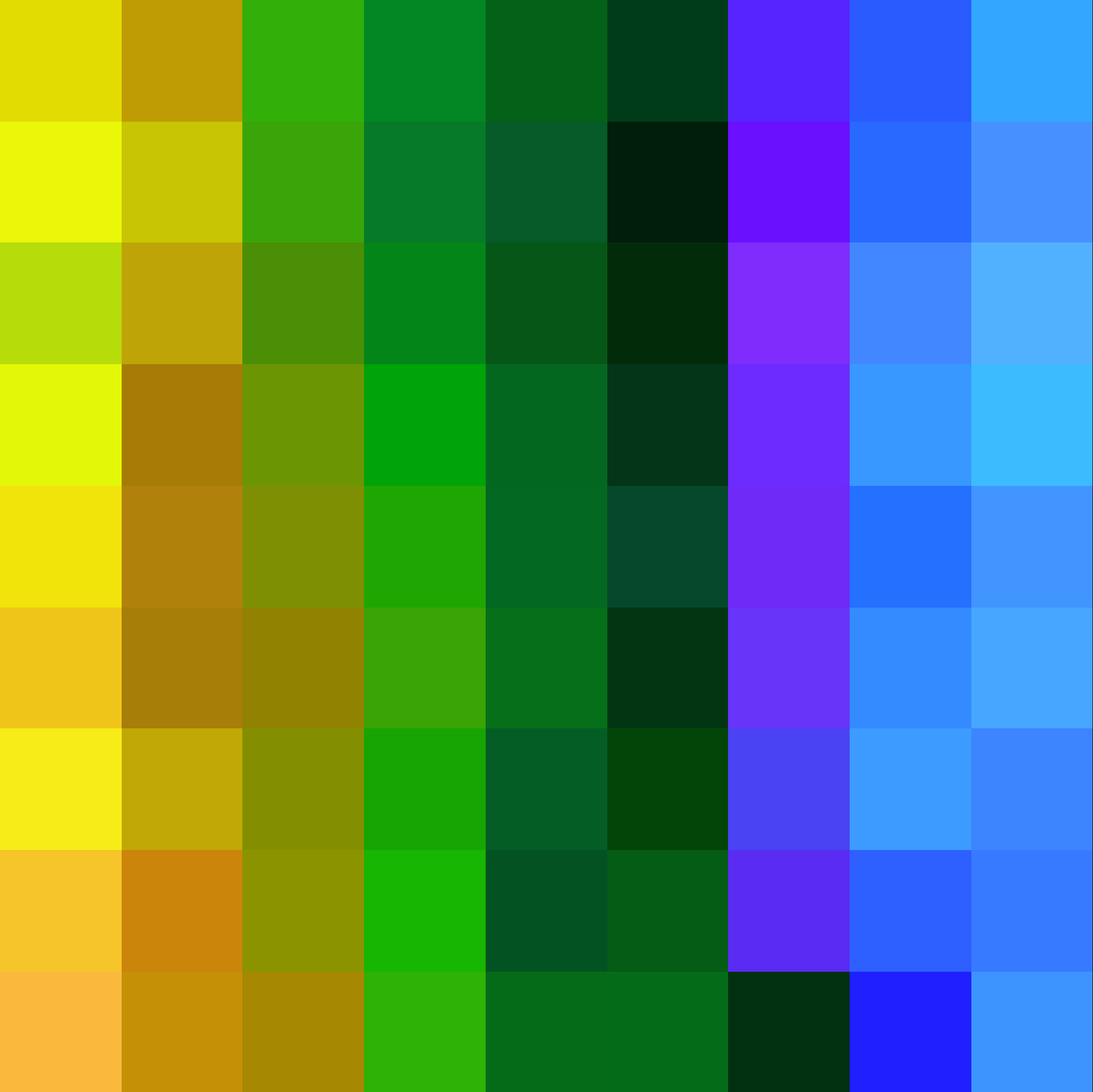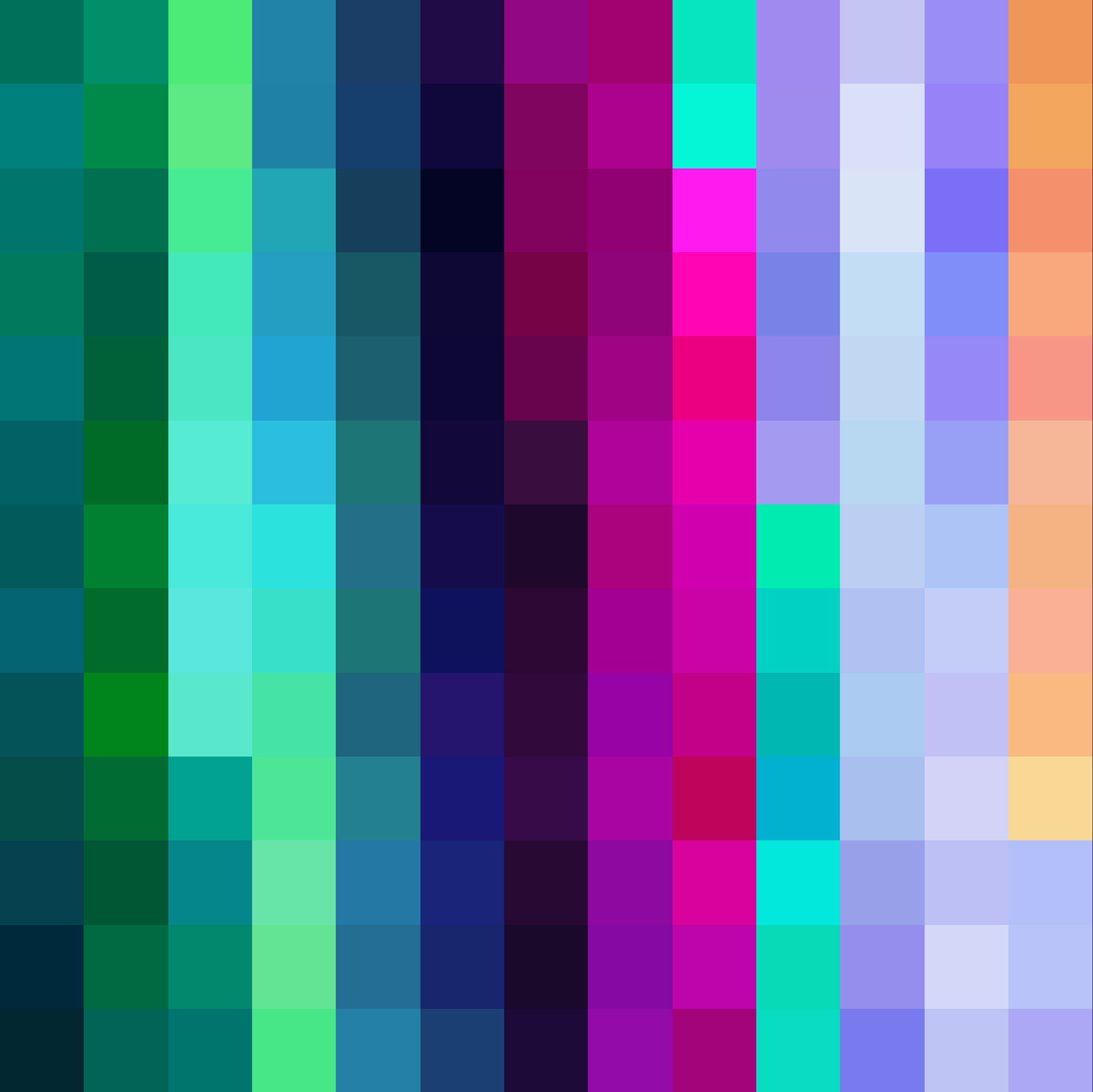
There's a pixel gradient in this 10 by 10 grid. It is mostly green, and it also has some cyan, and a tiny bit of lime in it.
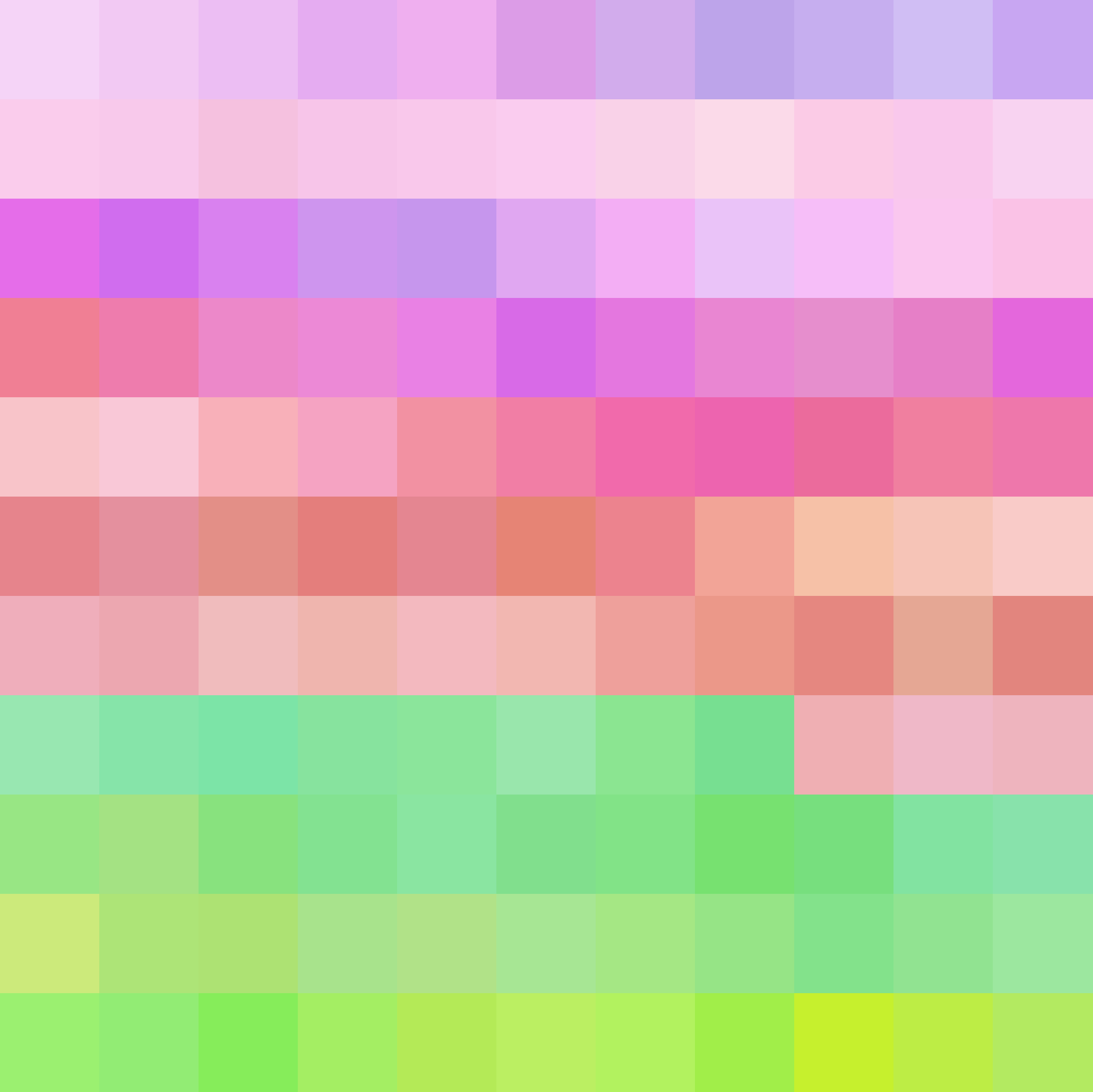
A grid with 225 coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, but it also has quite some yellow, some green, some red, a bit of magenta, a bit of lime, and a little bit of rose in it.

There's a very colourful pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some blue, quite some yellow, a bit of orange, a bit of indigo, a tiny bit of lime, and a tiny bit of violet in it.
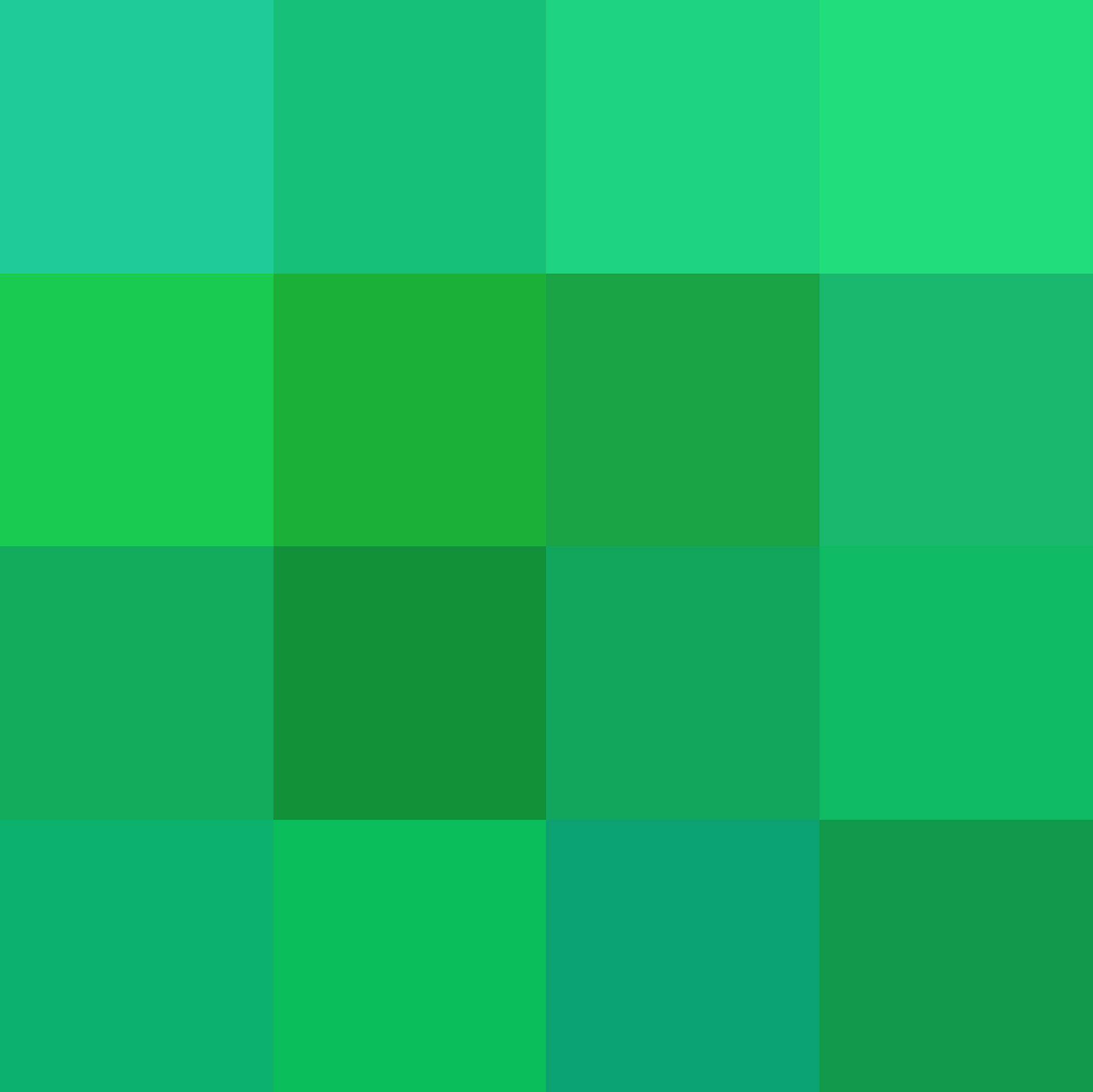
This very, very colourful gradient, generated in this 13 by 13 pixel grid, is mostly cyan, and it also has quite some blue, some magenta, some green, some indigo, a little bit of orange, a little bit of purple, a tiny bit of violet, a tiny bit of rose, and a tiny bit of red in it.
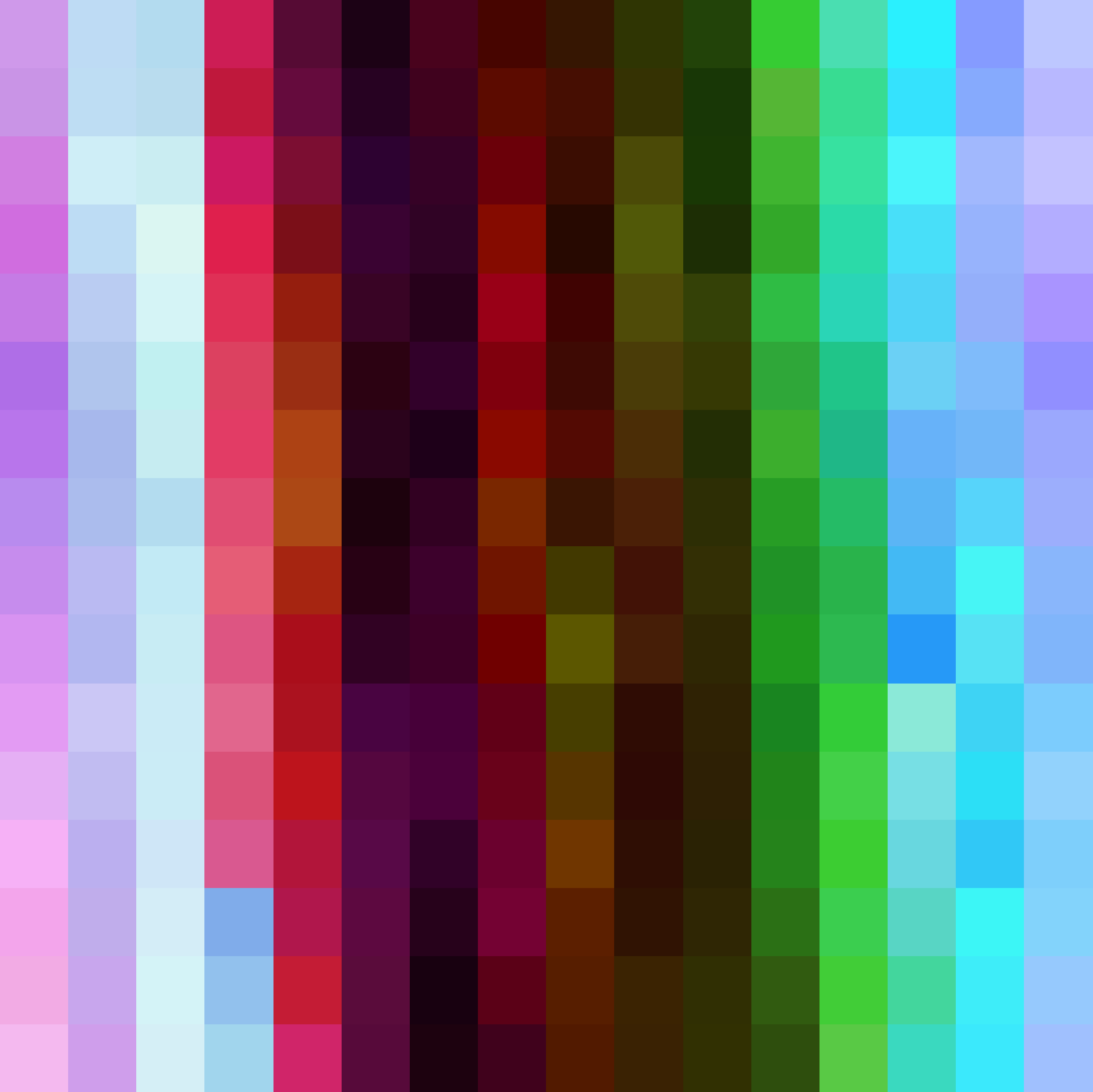
The very, very colourful gradient in this 11 by 11 pixel grid is mostly green, but it also has quite some magenta, quite some red, a bit of rose, a bit of purple, a tiny bit of violet, a tiny bit of lime, a tiny bit of indigo, and a tiny bit of orange in it.
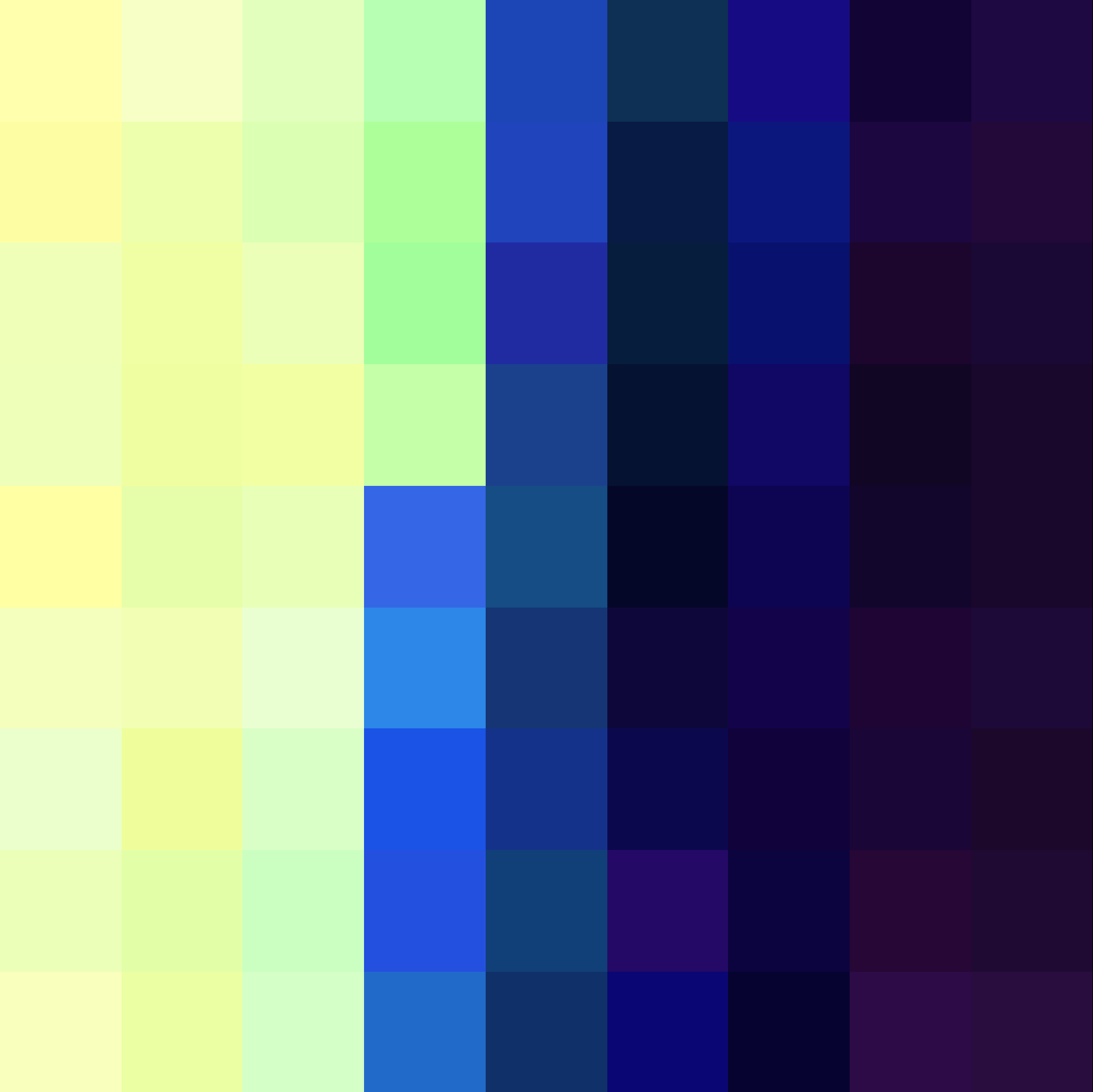
A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some indigo, some green, some yellow, a bit of lime, a bit of violet, and a bit of purple in it.
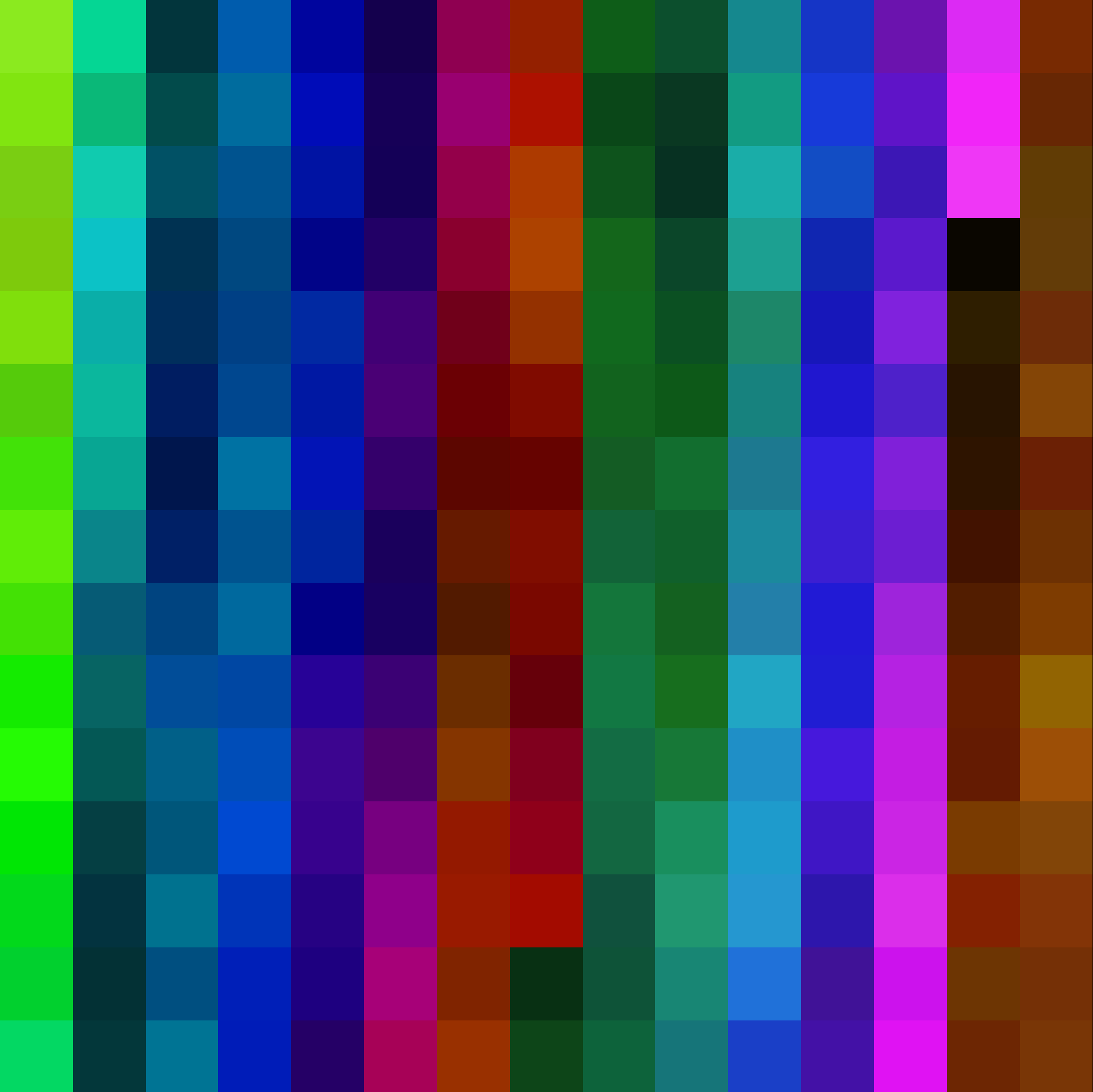
The monochrome gradient in this 4 by 4 pixel grid is green.

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

The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, and it also has quite some blue, some orange, some cyan, a bit of indigo, a bit of red, a little bit of magenta, a little bit of violet, a little bit of purple, and a tiny bit of rose in it.
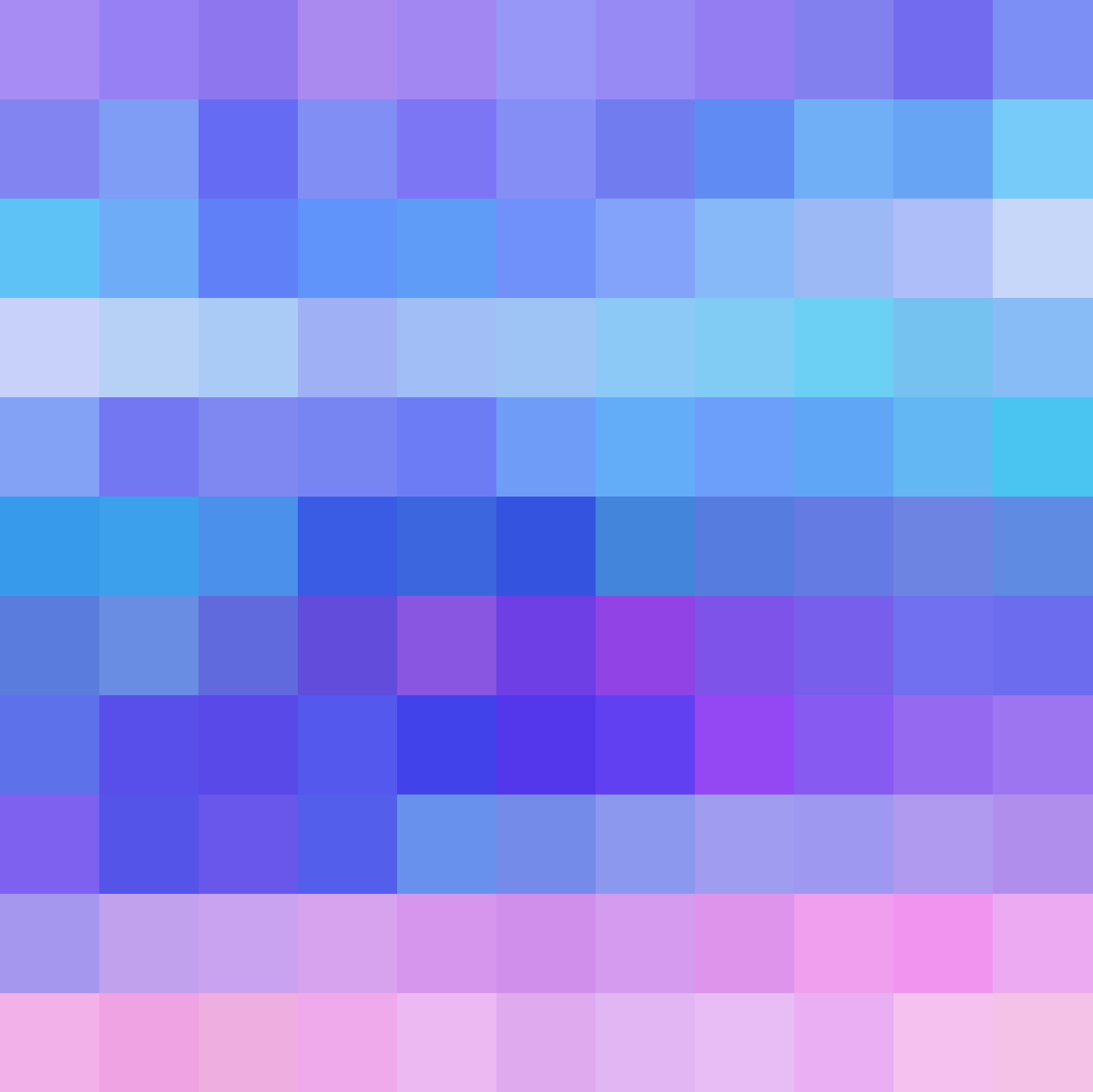
The colourful gradient in this 11 by 11 pixel grid is mostly blue, but it also has quite some indigo, a bit of magenta, a bit of purple, and a little bit of violet in it.

The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has some indigo, some red, some magenta, a bit of purple, a bit of orange, a little bit of violet, a tiny bit of rose, and a tiny bit of cyan in it.

A grid with 25 coloured squares that form a monochrome gradient. The colours are various shades of green.
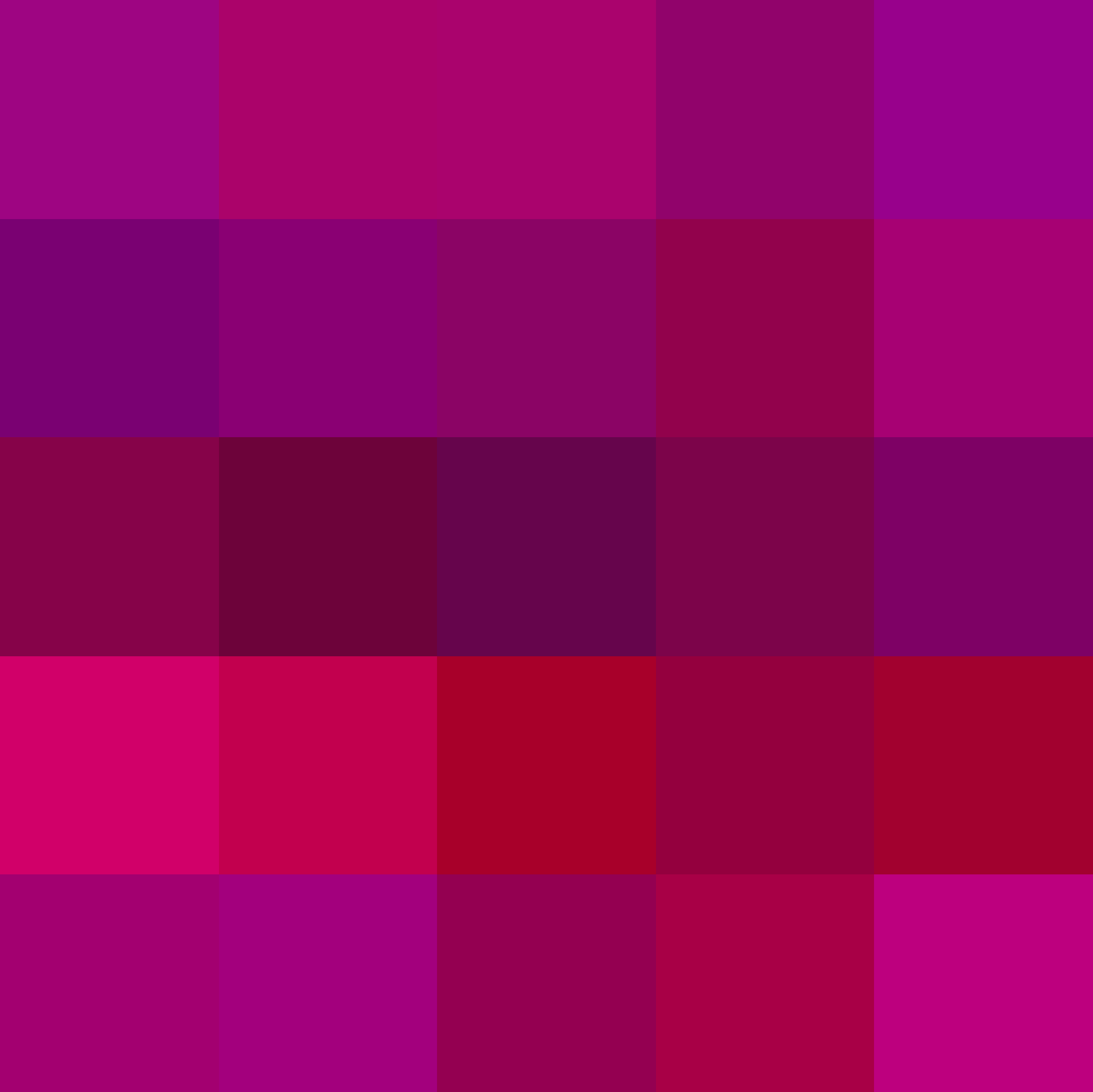
The cells in this 10 by 10 pixel grid form a colourful gradient. It is mostly magenta, but it also has some red, some purple, some rose, and a little bit of violet in it.

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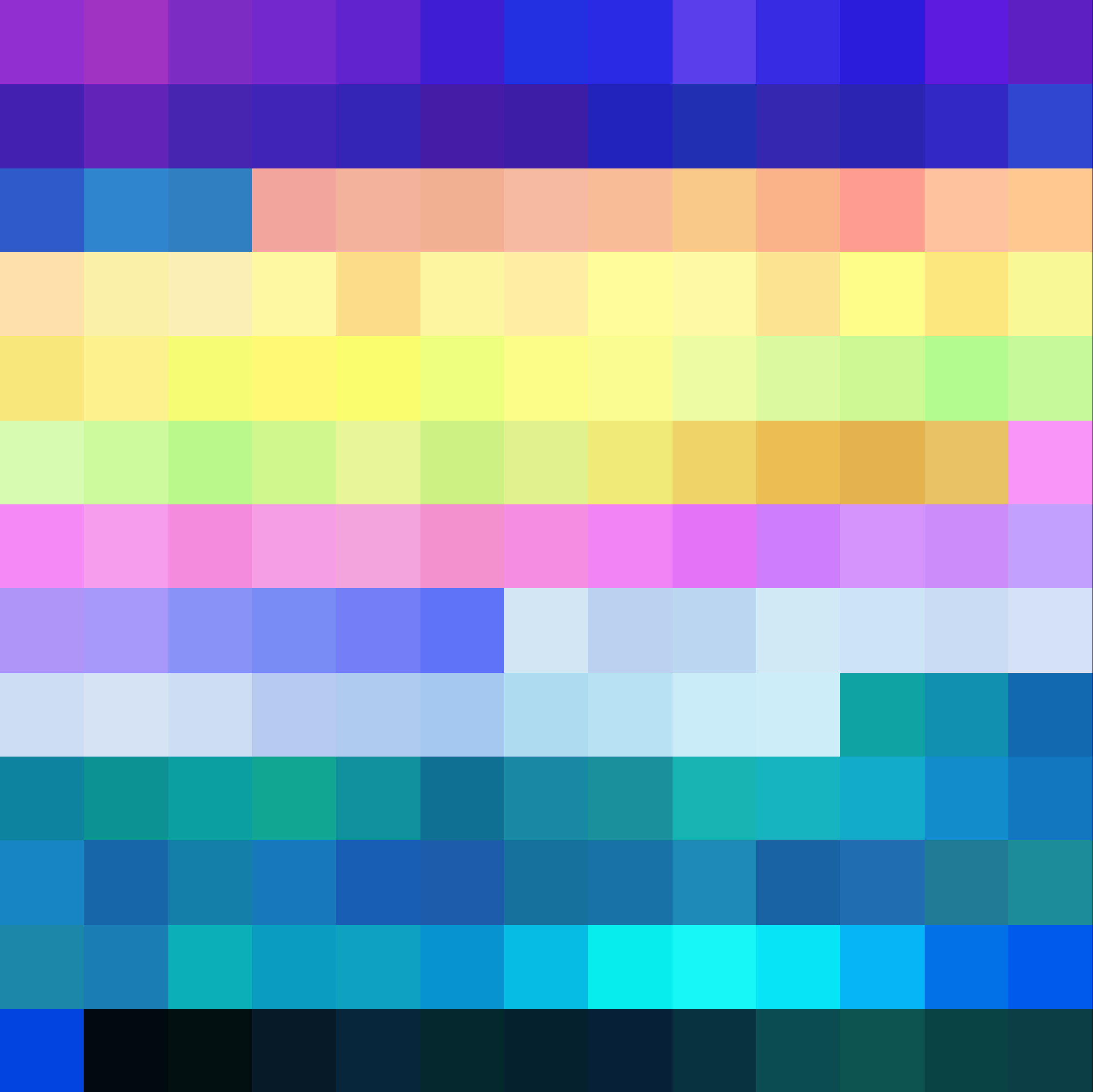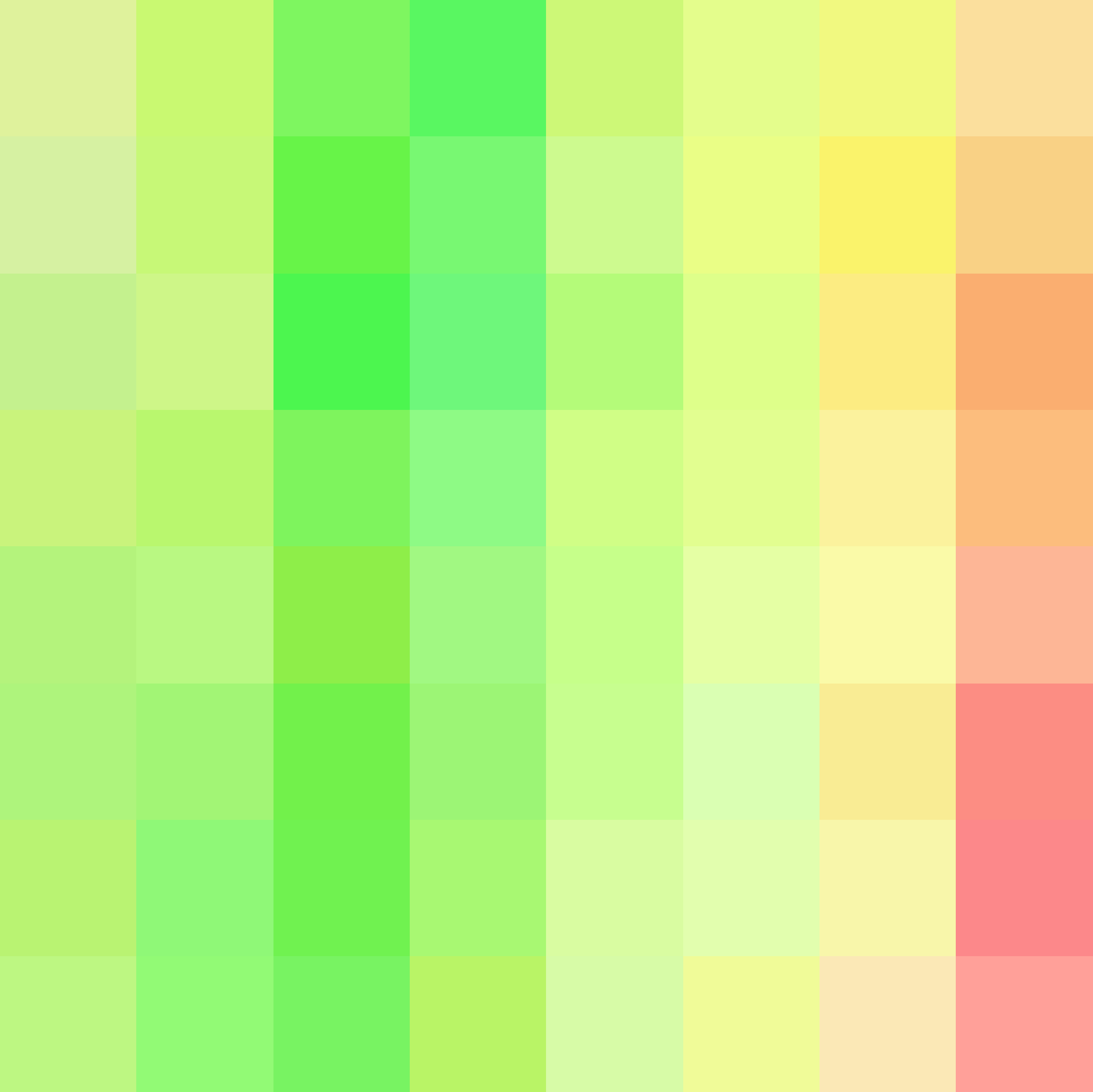
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly blue, and it also has some cyan, some yellow, a bit of indigo, a bit of orange, a little bit of magenta, a little bit of green, a little bit of purple, a little bit of violet, a tiny bit of red, and a tiny bit of lime in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

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly magenta, but it also has quite some rose, and a little bit of red in it.
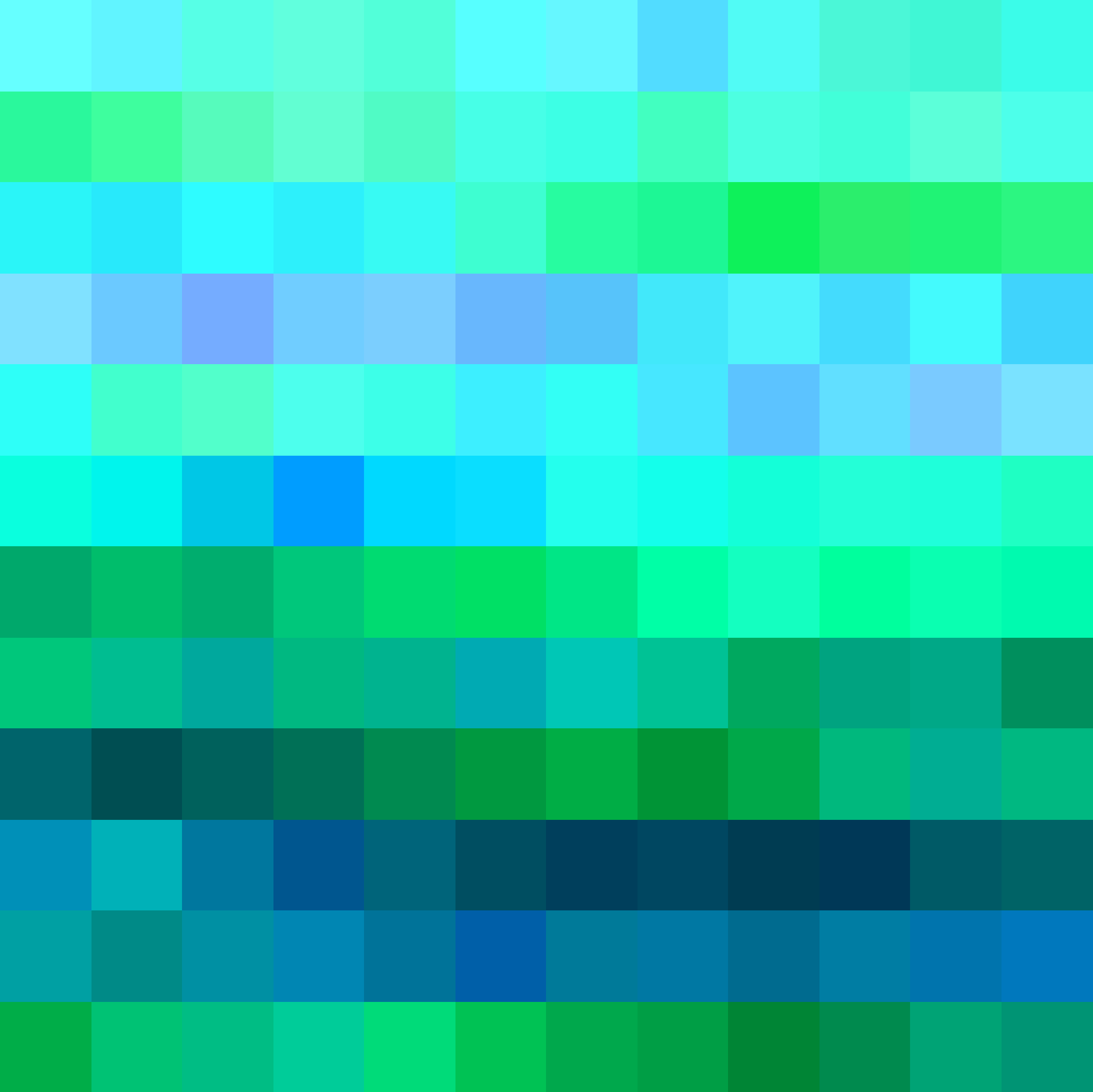
This colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly green, and it also has some yellow, a bit of orange, a bit of lime, and a little bit of red in it.

There's a colourful pixel gradient in this 11 by 11 grid. It is mostly orange, but it also has quite some red, some green, some yellow, and a little bit of lime in it.

The cells in this 12 by 12 pixel grid form a gradient. It is mostly cyan, and it also has quite some green, and some blue in it.
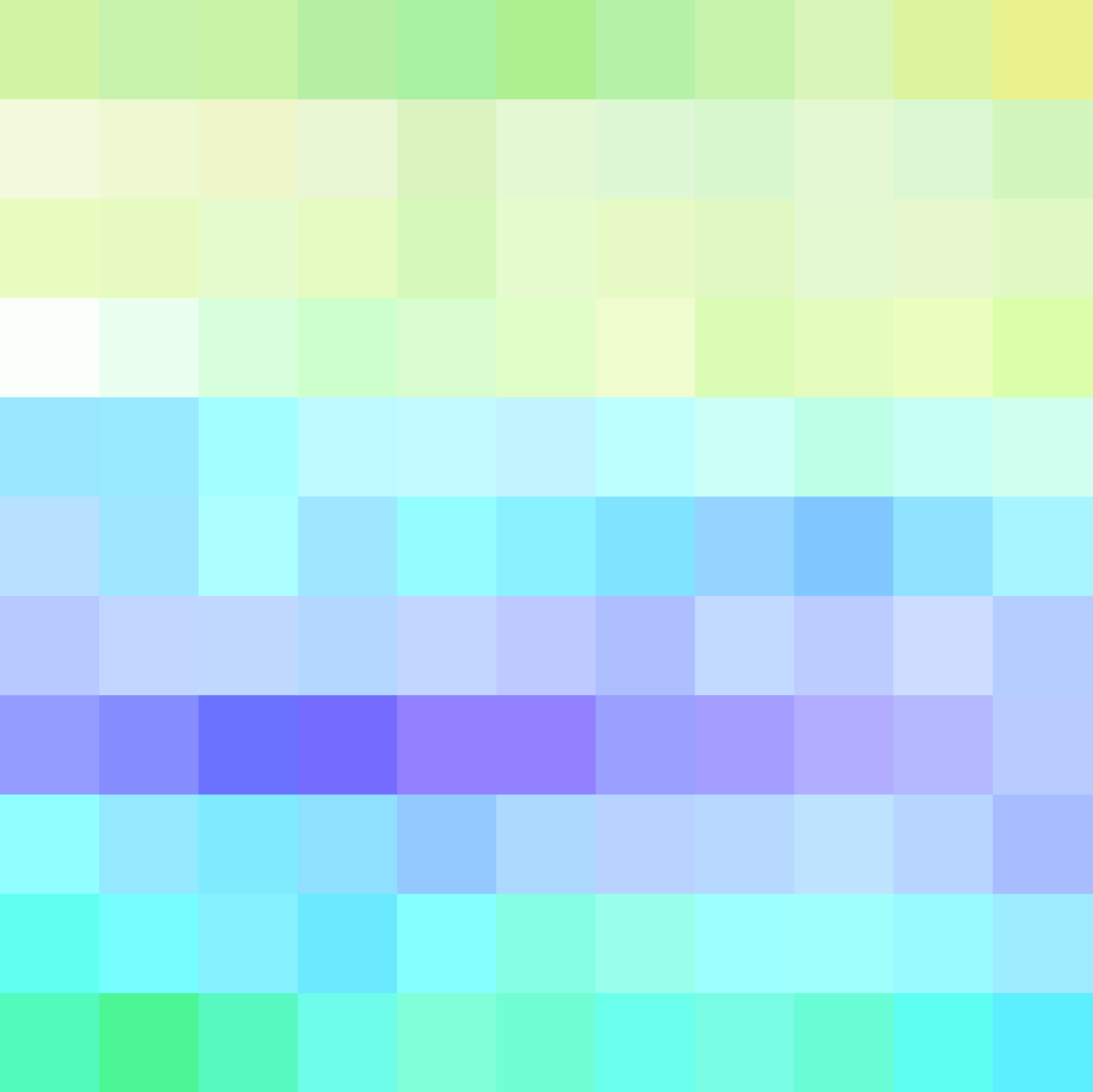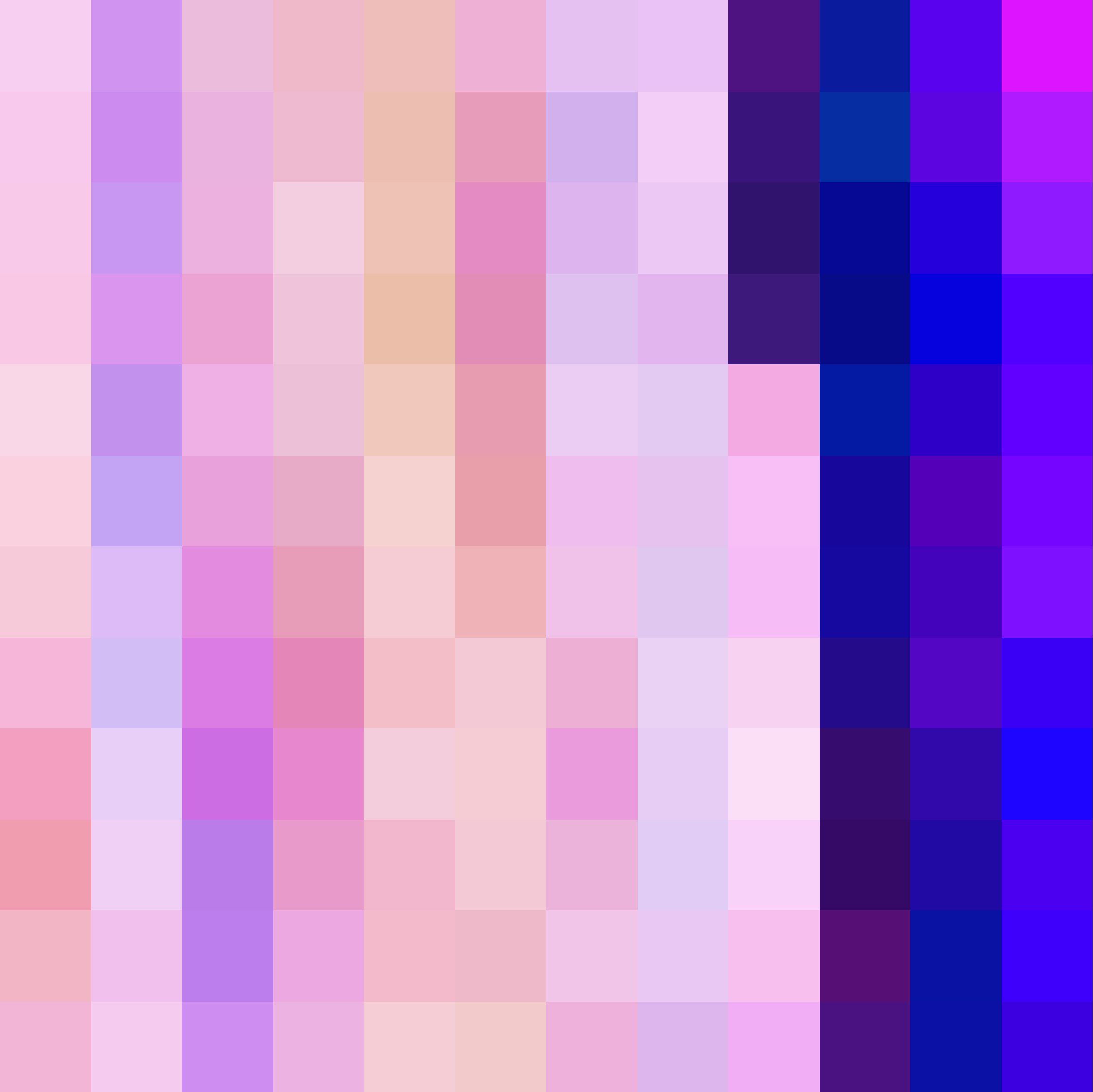
The very colourful gradient in this 11 by 11 pixel grid is mostly green, and it also has quite some cyan, quite some blue, a little bit of lime, a little bit of indigo, and a tiny bit of yellow in it.
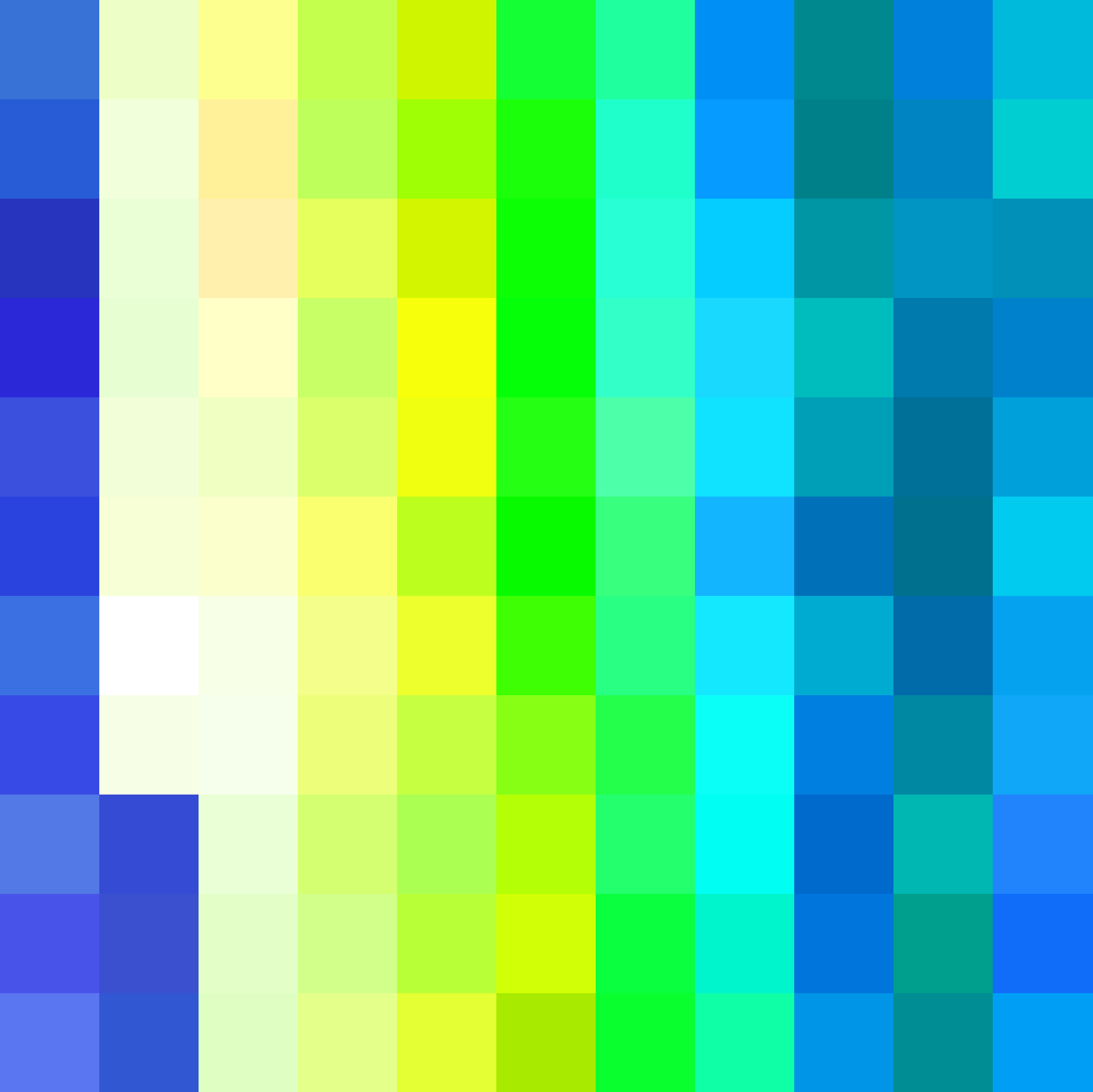
A grid with 49 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has quite some yellow, some lime, some red, and some orange in it.

An 8 by 8 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 lime, some red, and a bit of green in it.
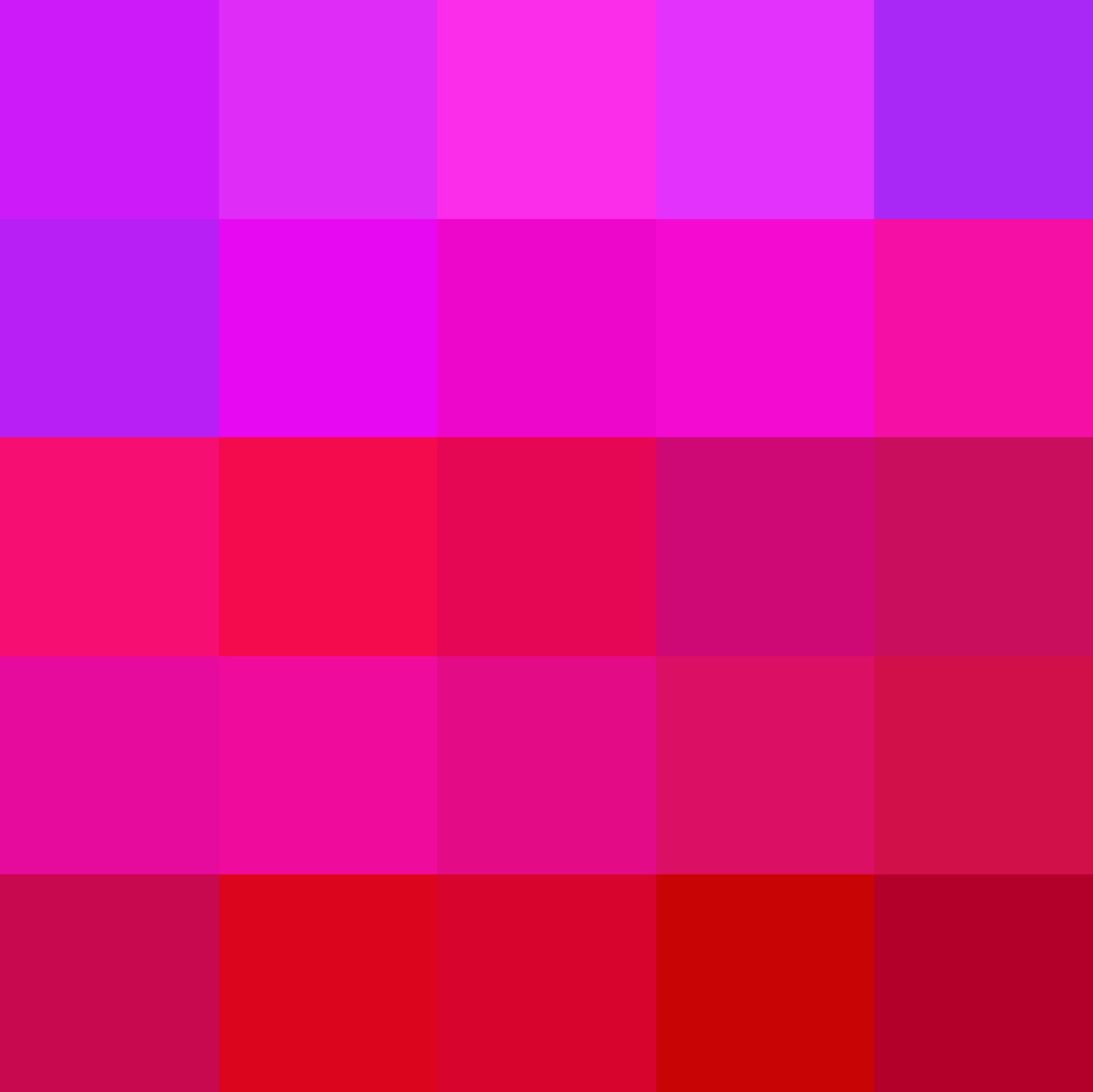
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some purple, some rose, a bit of violet, a bit of indigo, a bit of red, a little bit of blue, and a tiny bit of orange in it.

This very colourful gradient, generated in this 11 by 11 pixel grid, is mostly blue, and it also has quite some green, quite some cyan, some yellow, a bit of lime, and a tiny bit of indigo in it.
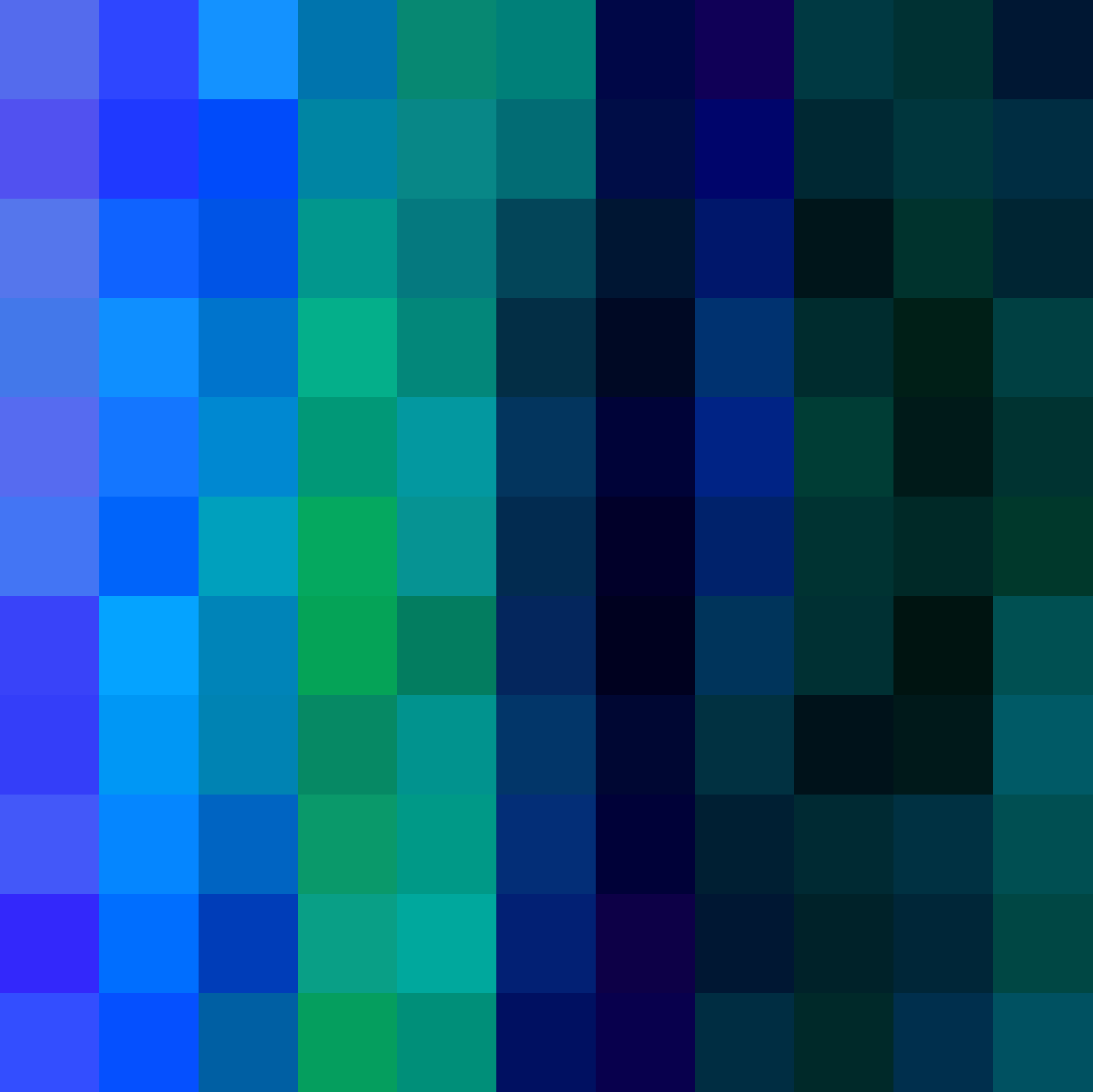
The gradient in this 5 by 5 pixel grid is mostly magenta, but it also has quite some rose, some red, and some purple in it.

This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly orange, but it also has some rose, some red, some magenta, a bit of purple, a little bit of yellow, and a little bit of indigo in it.

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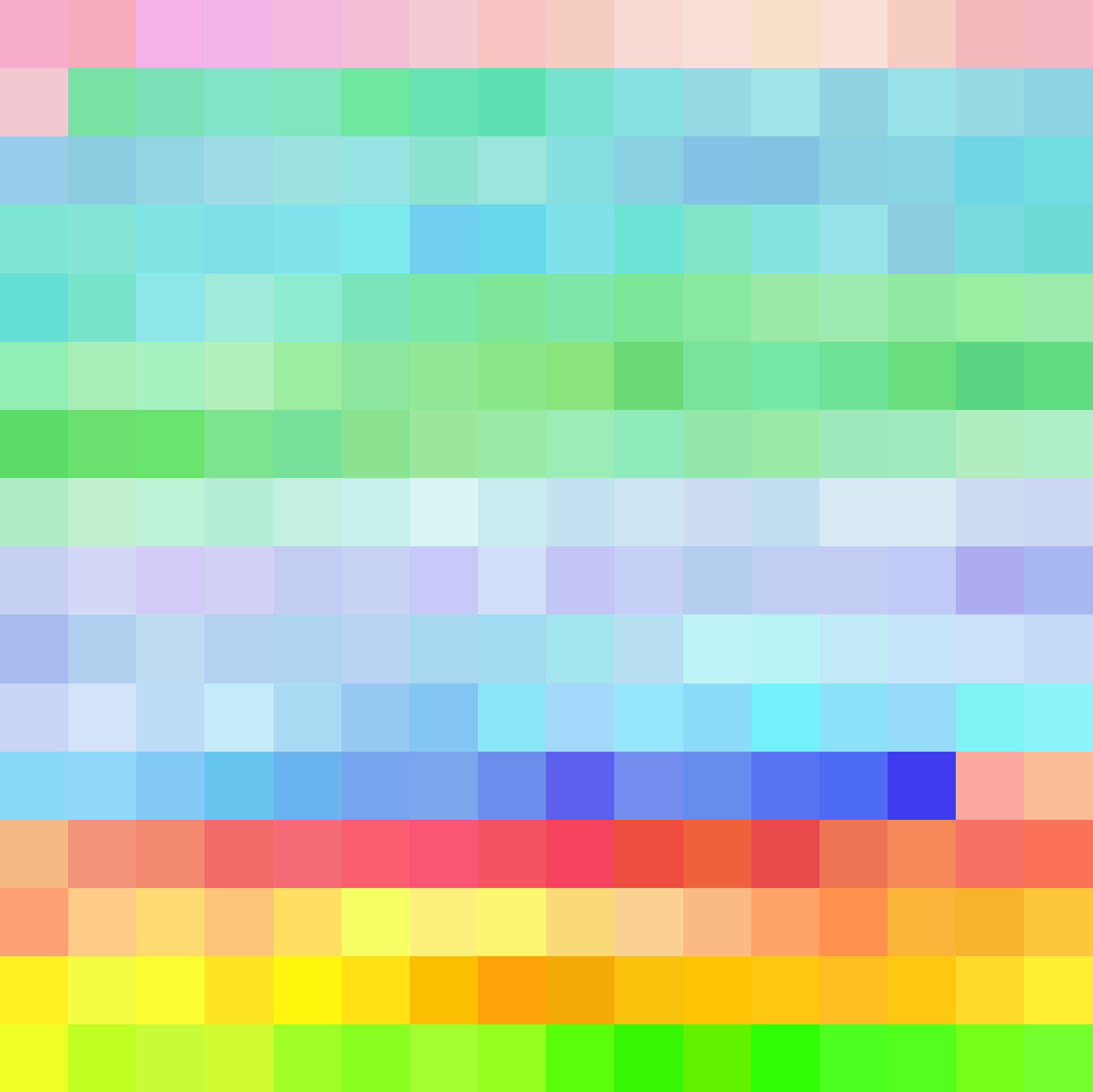
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, quite some cyan, a bit of red, a bit of orange, a bit of yellow, a tiny bit of indigo, a tiny bit of rose, a tiny bit of magenta, and a tiny bit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

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

A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, and it also has some purple, some red, some rose, a bit of violet, a little bit of blue, and a tiny bit of indigo in it.
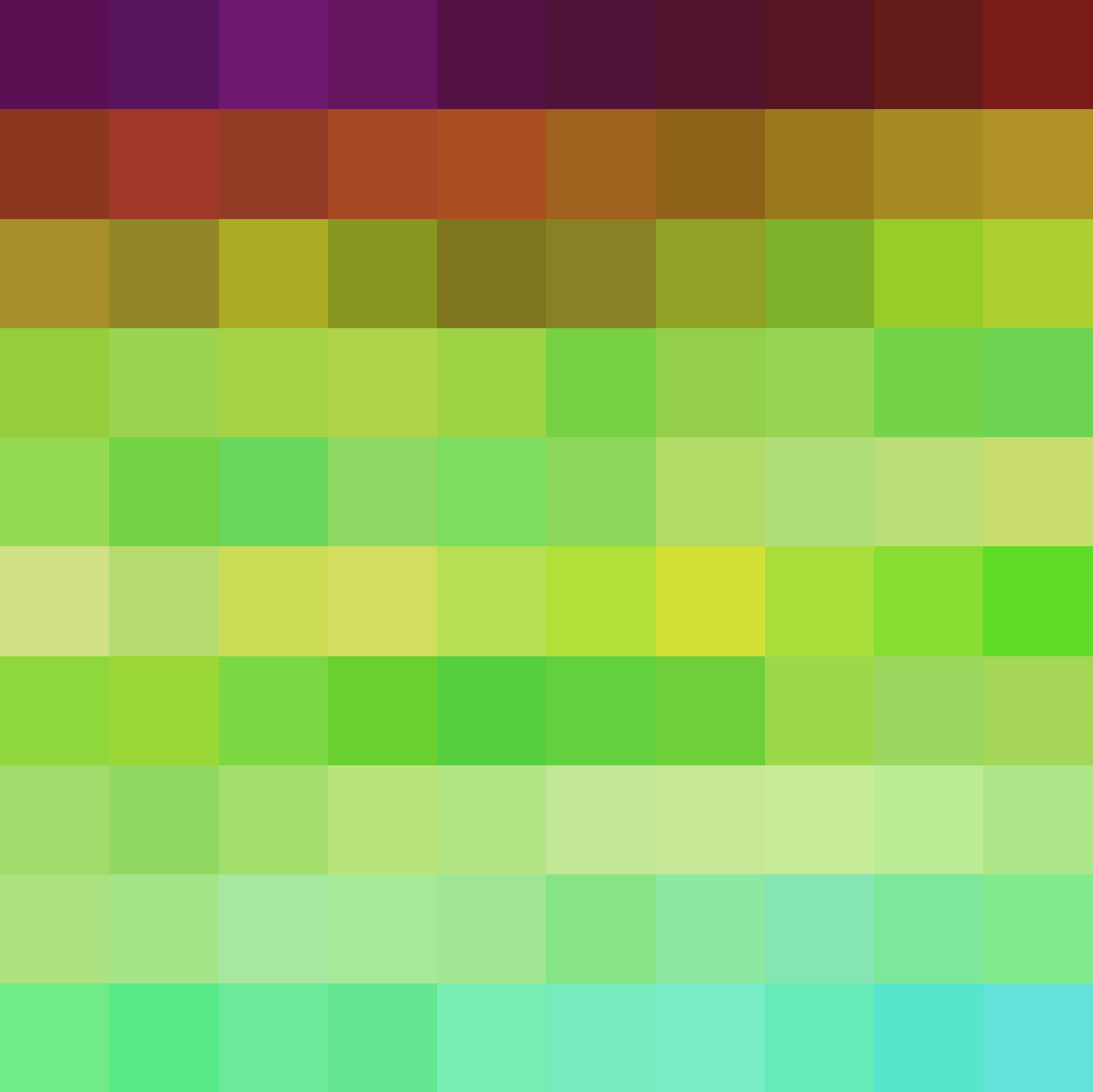
The very colourful gradient in this 7 by 7 pixel grid is mostly yellow, but it also has quite some cyan, some green, some lime, a little bit of orange, and a little bit of blue in it.

A very colourful grid of 64 blocks. It's mostly green, but it also has quite some magenta, some rose, a bit of purple, a little bit of red, a tiny bit of lime, and a tiny bit of violet in it.
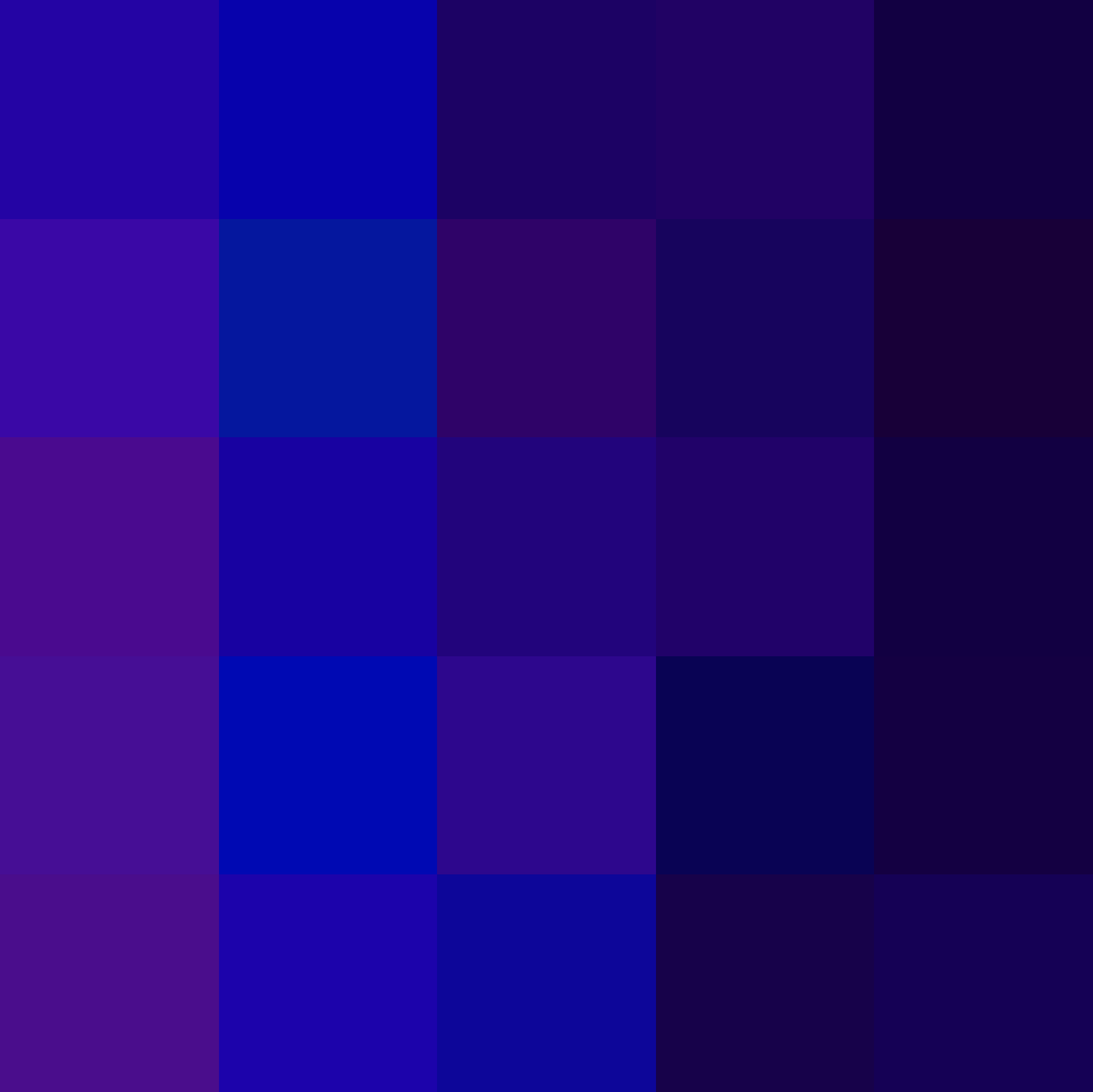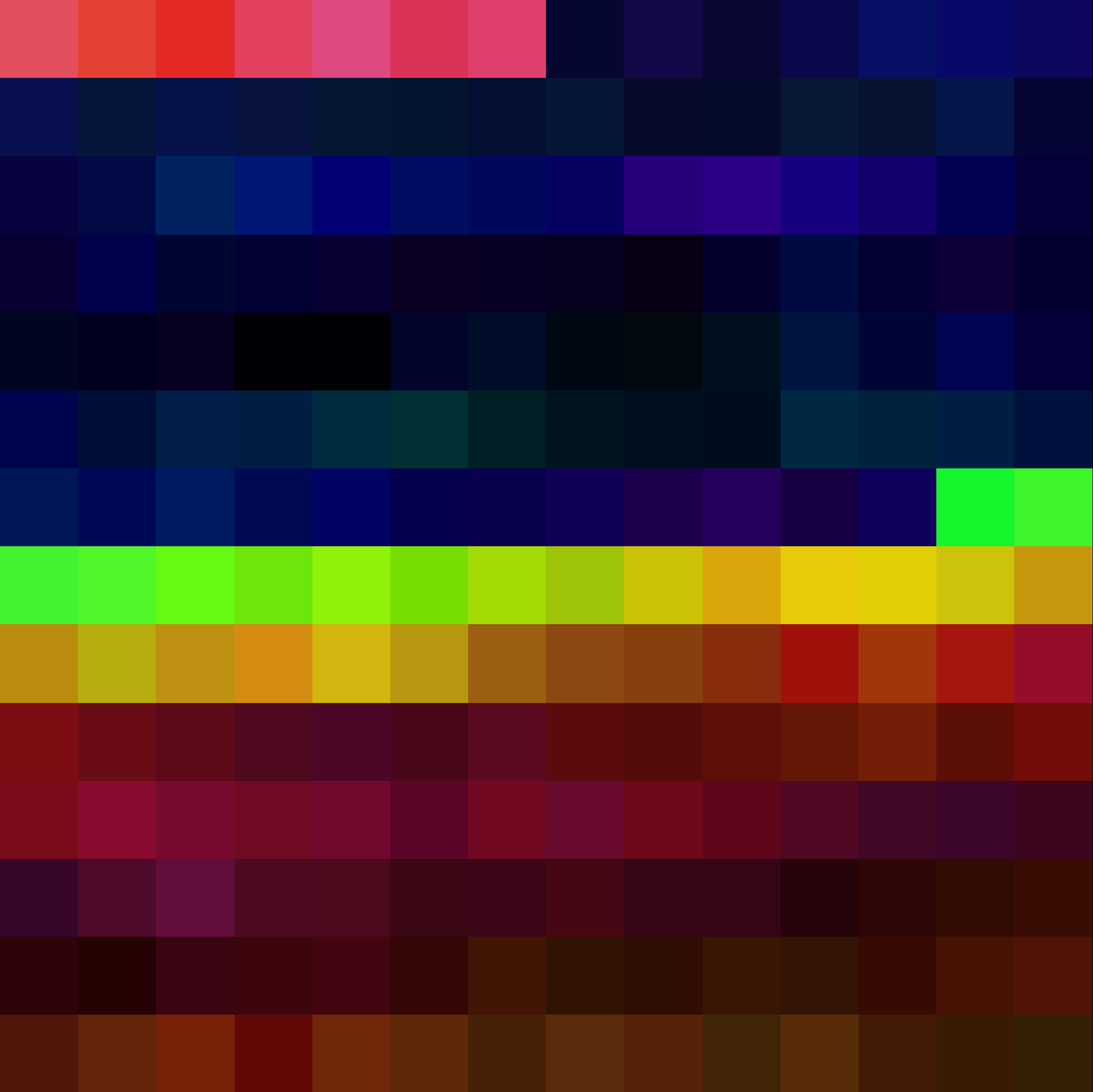
A 10 by 10 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some yellow, a little bit of magenta, a little bit of red, a little bit of lime, a little bit of orange, a tiny bit of cyan, and a tiny bit of rose in it.

Here's an 11 by 11 pixelated grid that forms a gradient. It is mostly green, and it also has quite some yellow, some lime, and some orange in it.
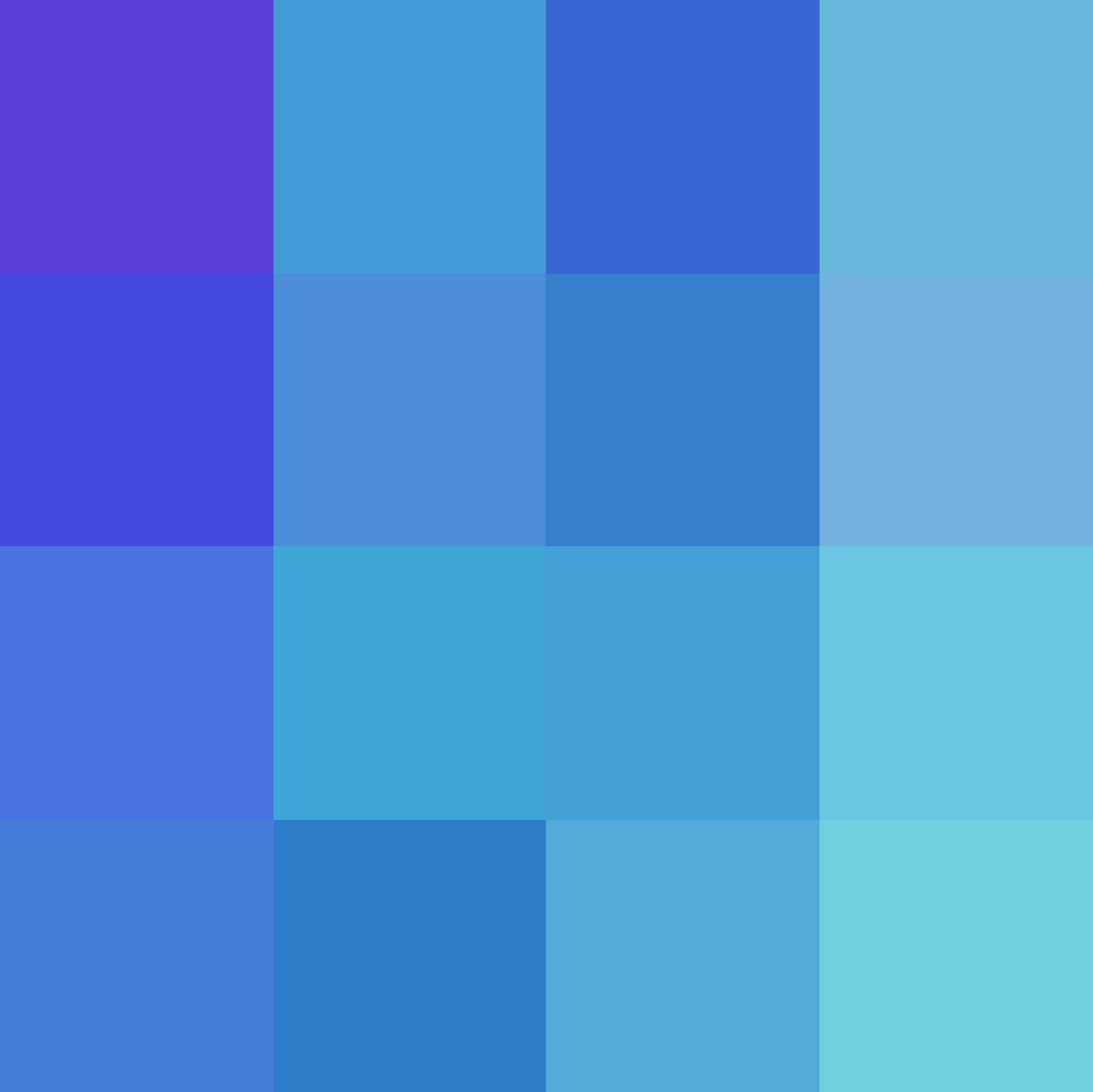
The gradient in this 5 by 5 pixel grid is mostly indigo, but it also has quite some violet, and a bit of blue in it.

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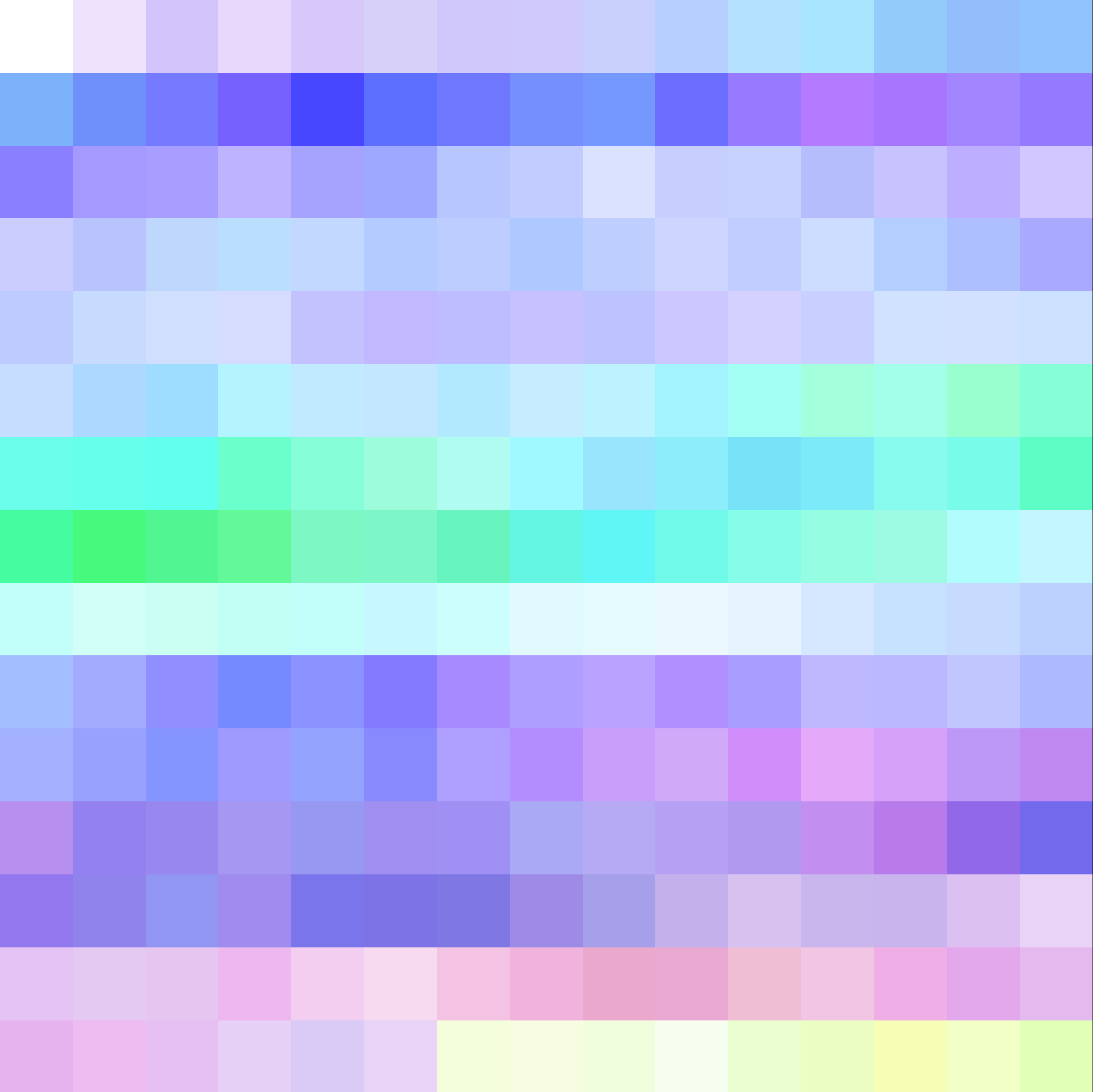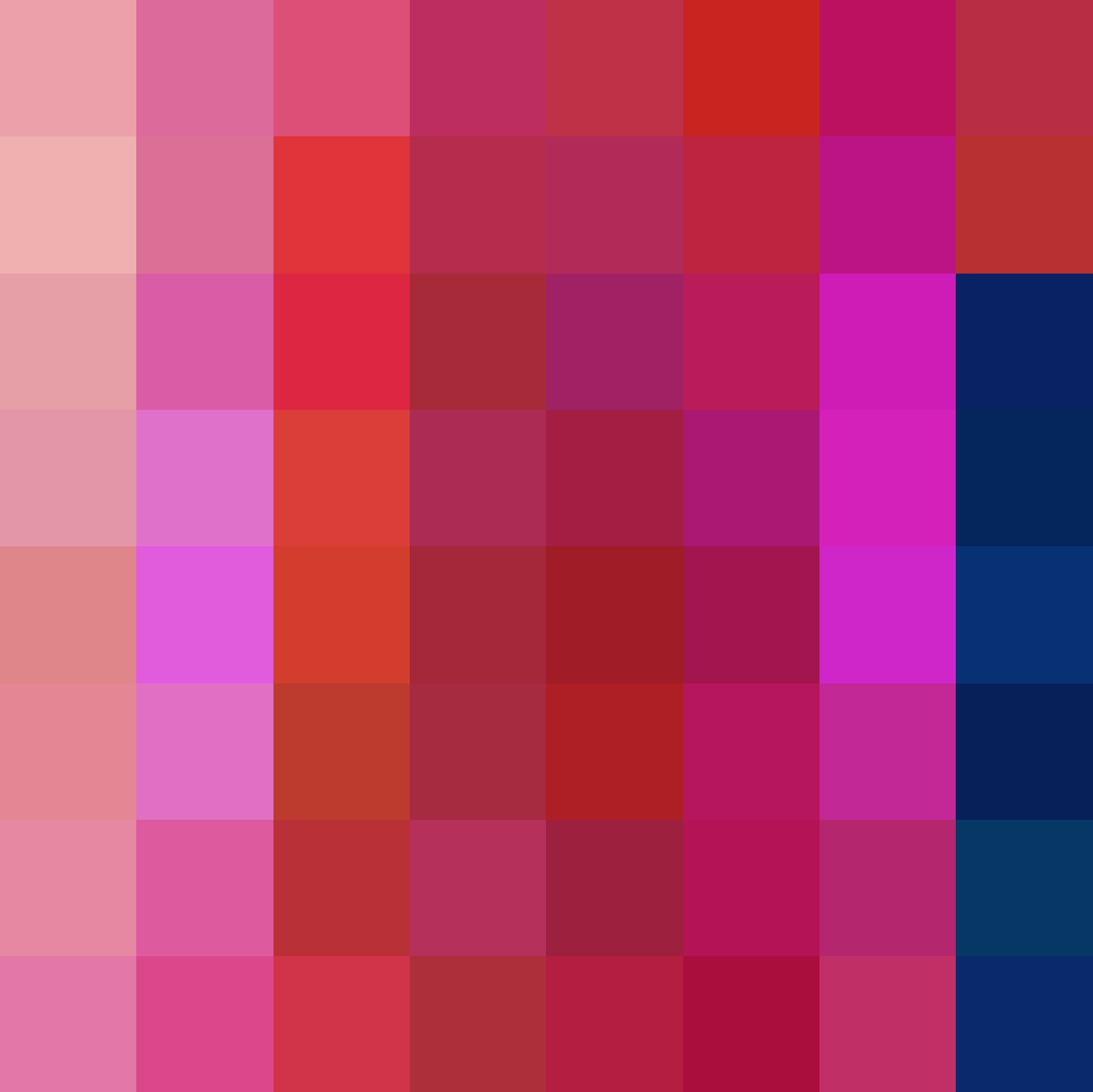
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly blue, and it also has quite some indigo, some cyan, a bit of green, a bit of purple, a little bit of violet, a little bit of magenta, a tiny bit of lime, a tiny bit of rose, and a tiny bit of yellow in it.

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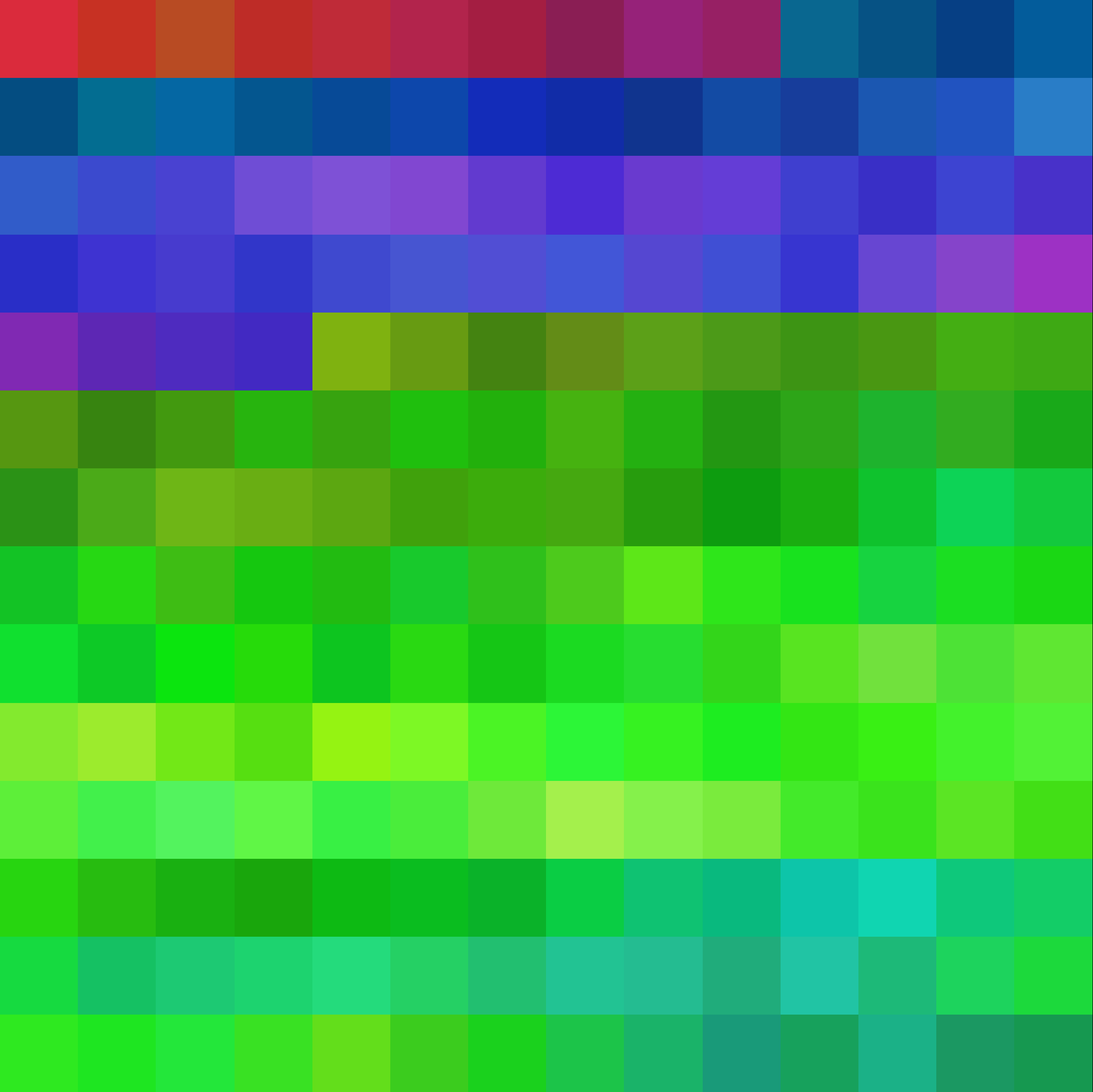
The very, very colourful gradient in this 15 by 15 pixel grid is mostly red, but it also has some orange, a bit of cyan, a little bit of yellow, a little bit of green, a tiny bit of lime, a tiny bit of rose, and a tiny bit of blue in it.

A grid with 64 coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some rose, some magenta, and a bit of blue in it.

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

Here's a 12 by 12 pixelated grid that forms a very colourful gradient. It is mostly rose, but it also has quite some red, some orange, some magenta, some purple, and a little bit of yellow in it.
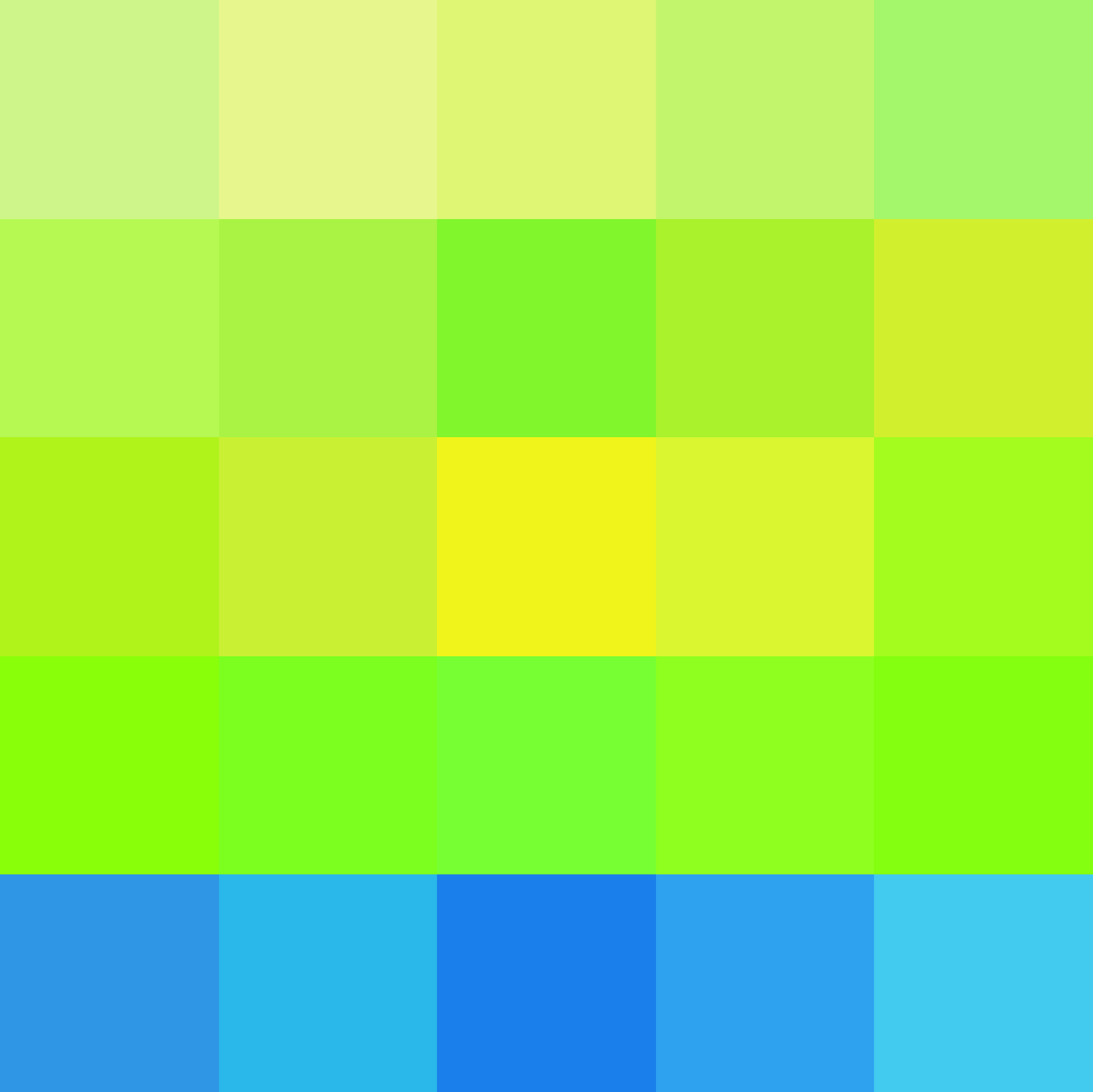
There's a colourful pixel gradient in this 5 by 5 grid. It is mostly green, and it also has some yellow, some blue, some lime, and a little bit of cyan in it.
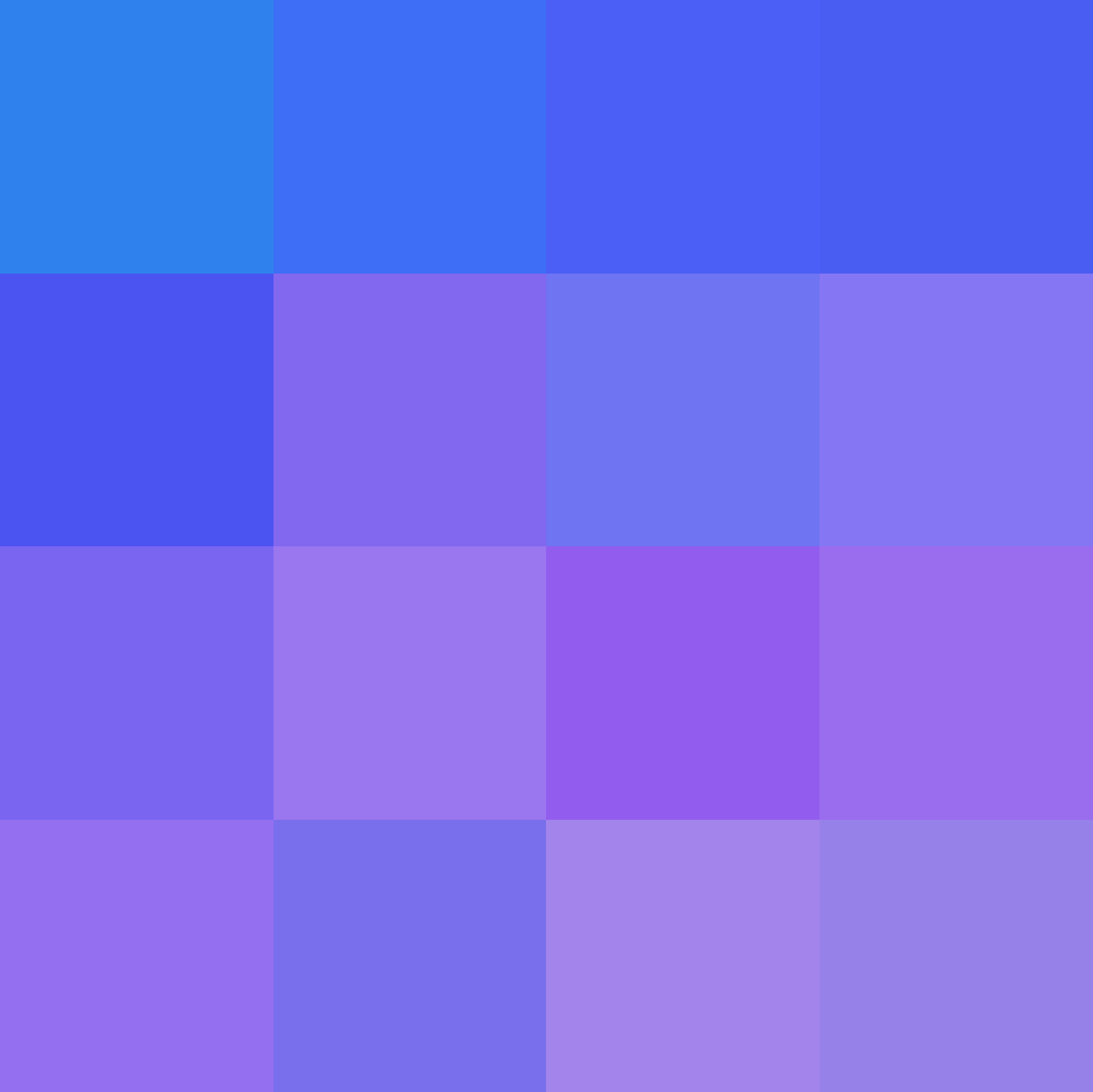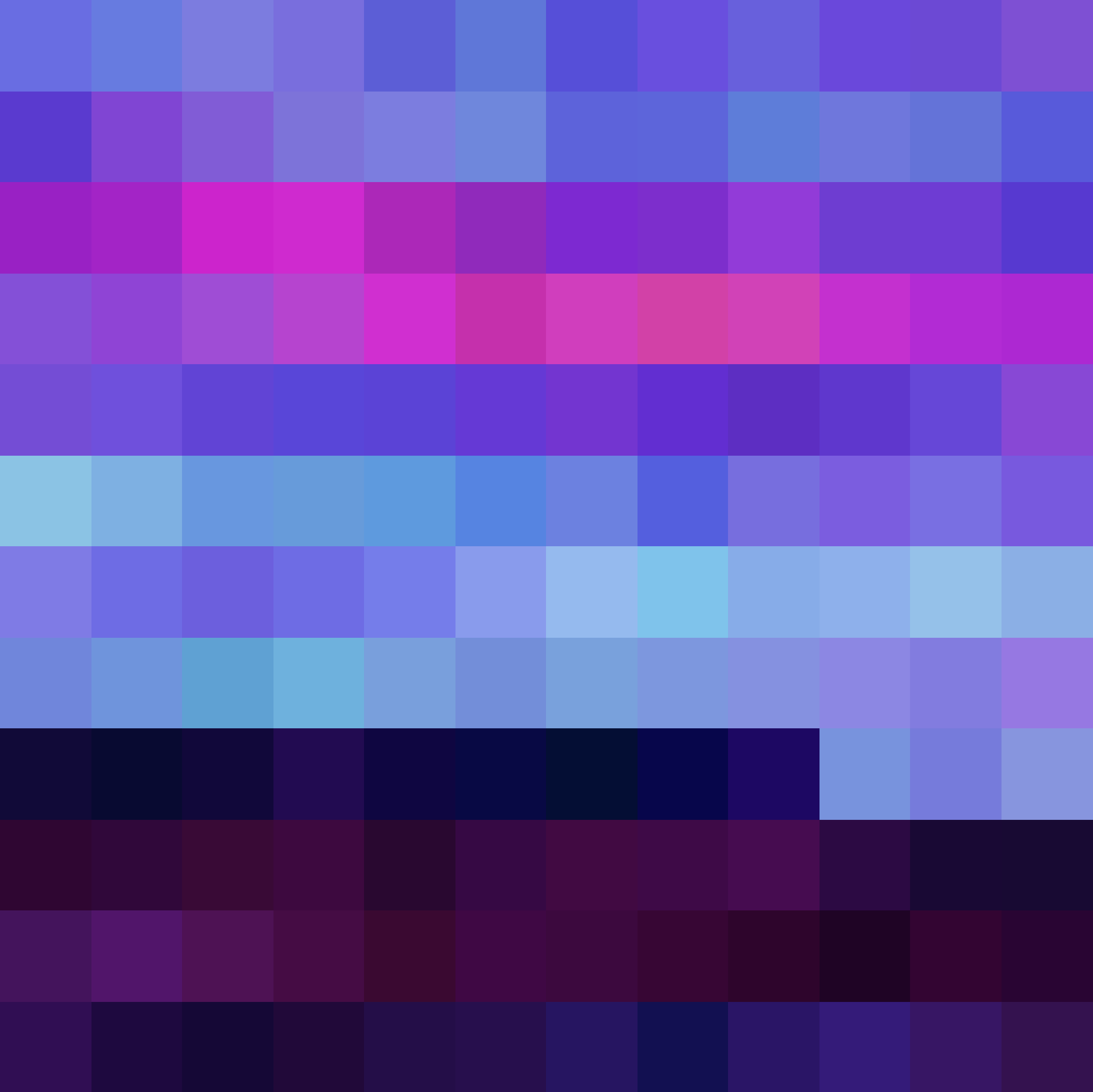
The gradient in this 4 by 4 pixel grid is mostly indigo, and it also has quite some blue, and some violet in it.
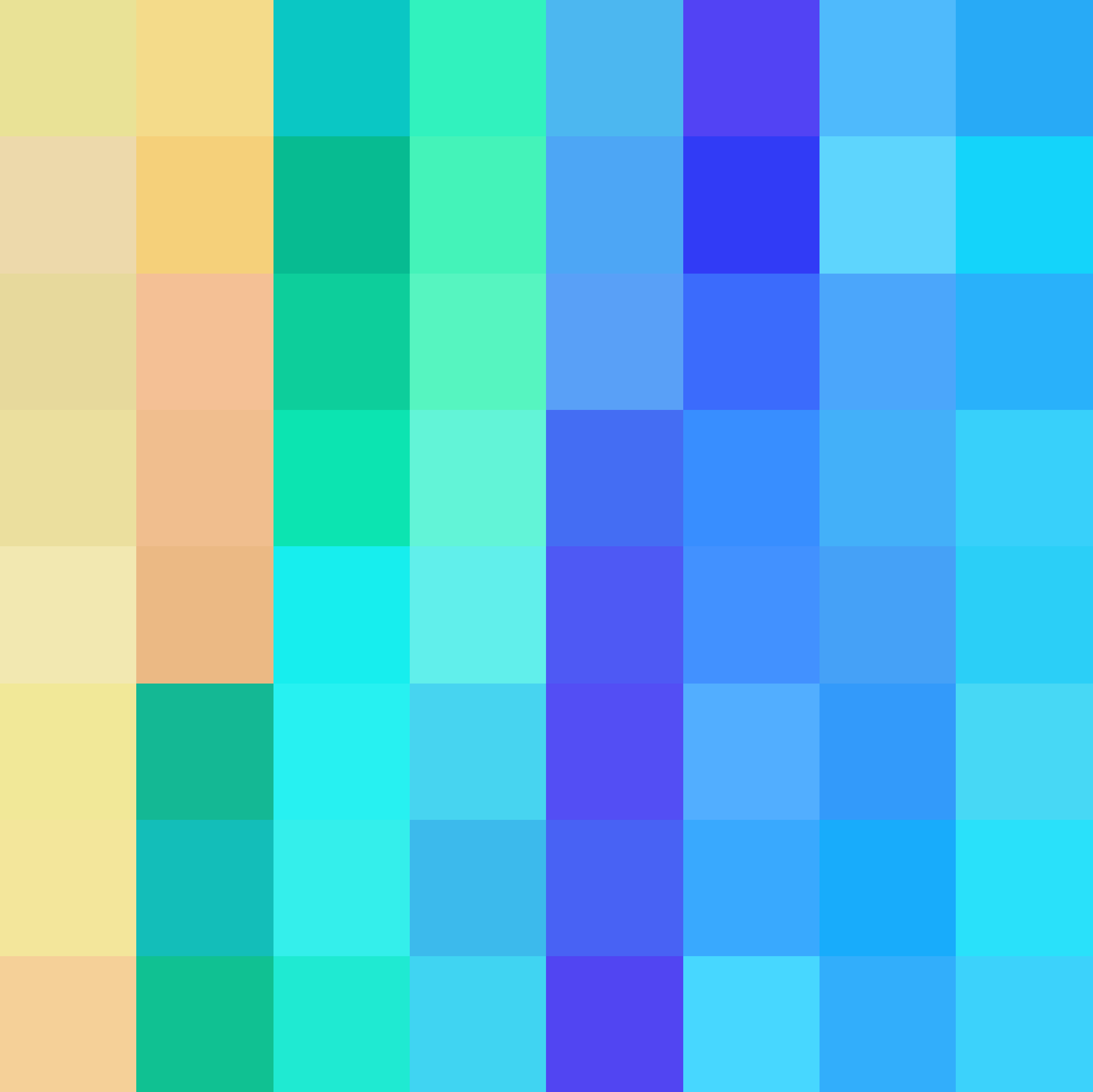
This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly cyan, and it also has quite some blue, some yellow, a bit of orange, a little bit of indigo, and a little bit of green in it.
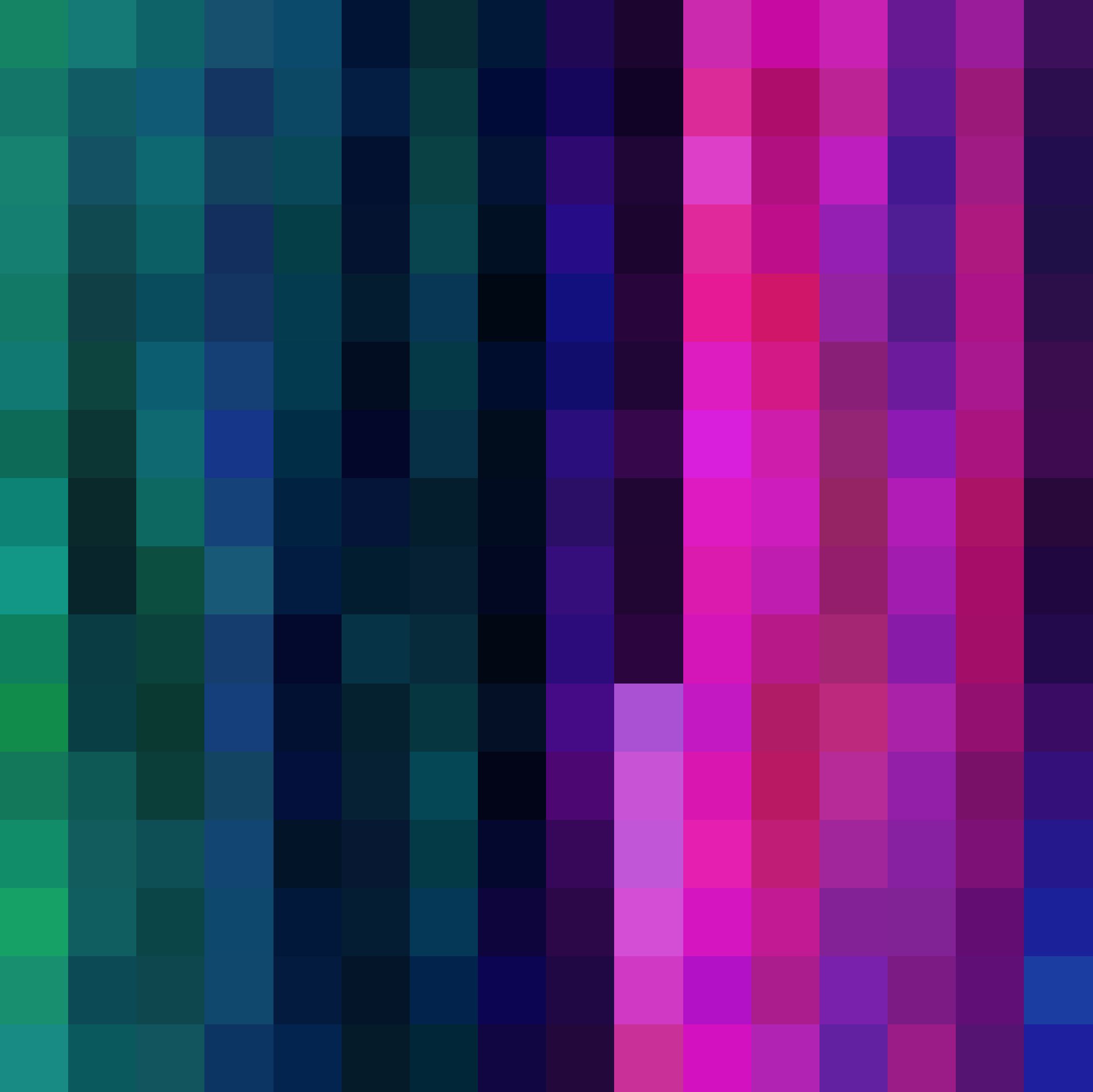
The very, very colourful gradient in this 16 by 16 pixel grid is mostly blue, and it also has quite some magenta, quite some cyan, some purple, a little bit of indigo, a little bit of violet, a tiny bit of green, and a tiny bit of rose in it.

The colourful gradient in this 12 by 12 pixel grid is mostly indigo, and it also has quite some blue, some magenta, some purple, and a bit of violet in it.
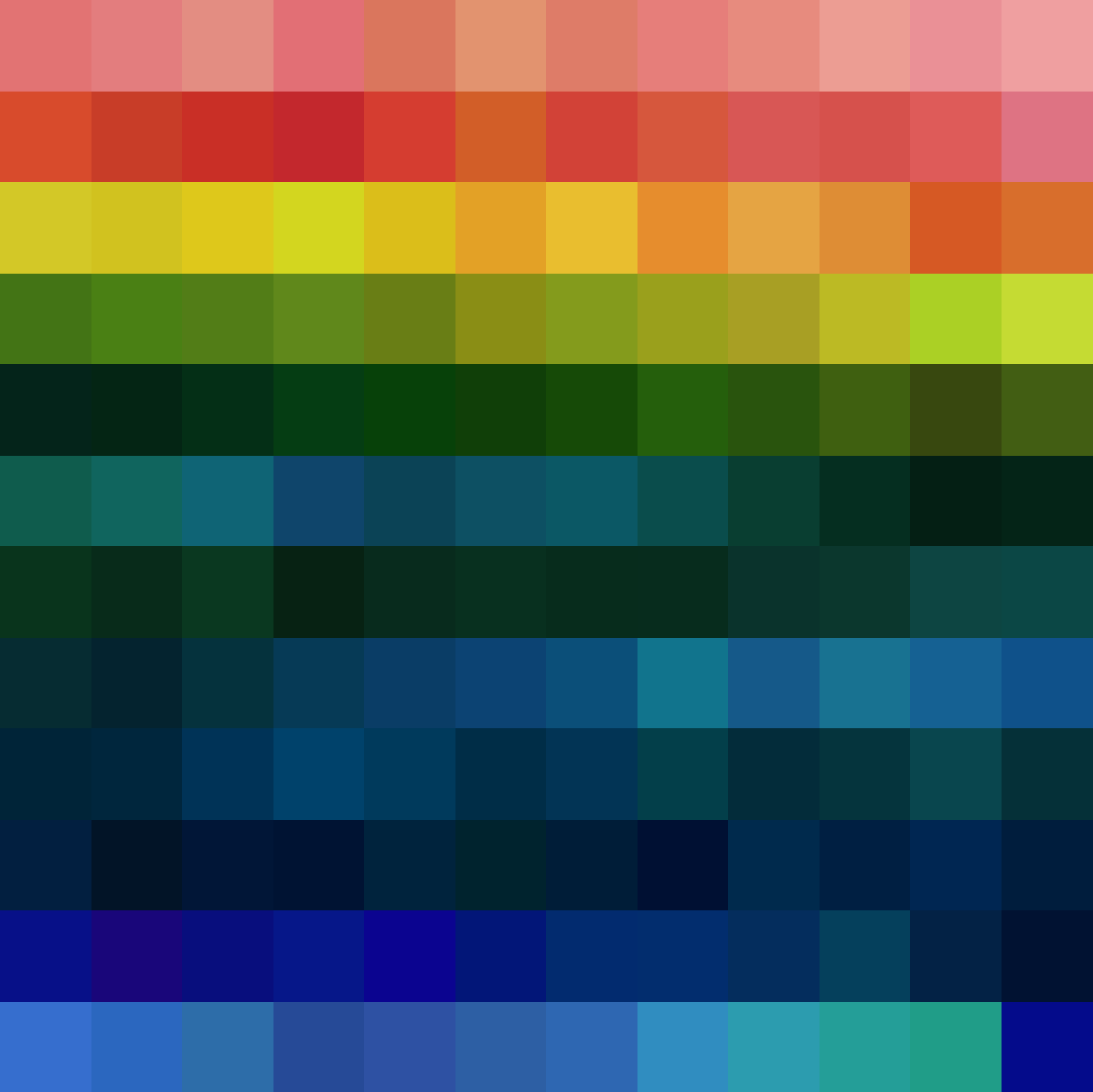
A very, very colourful grid of 144 blocks. It's mostly blue, and it also has some green, some red, some cyan, a bit of yellow, a little bit of orange, a little bit of lime, and a tiny bit of indigo in it.
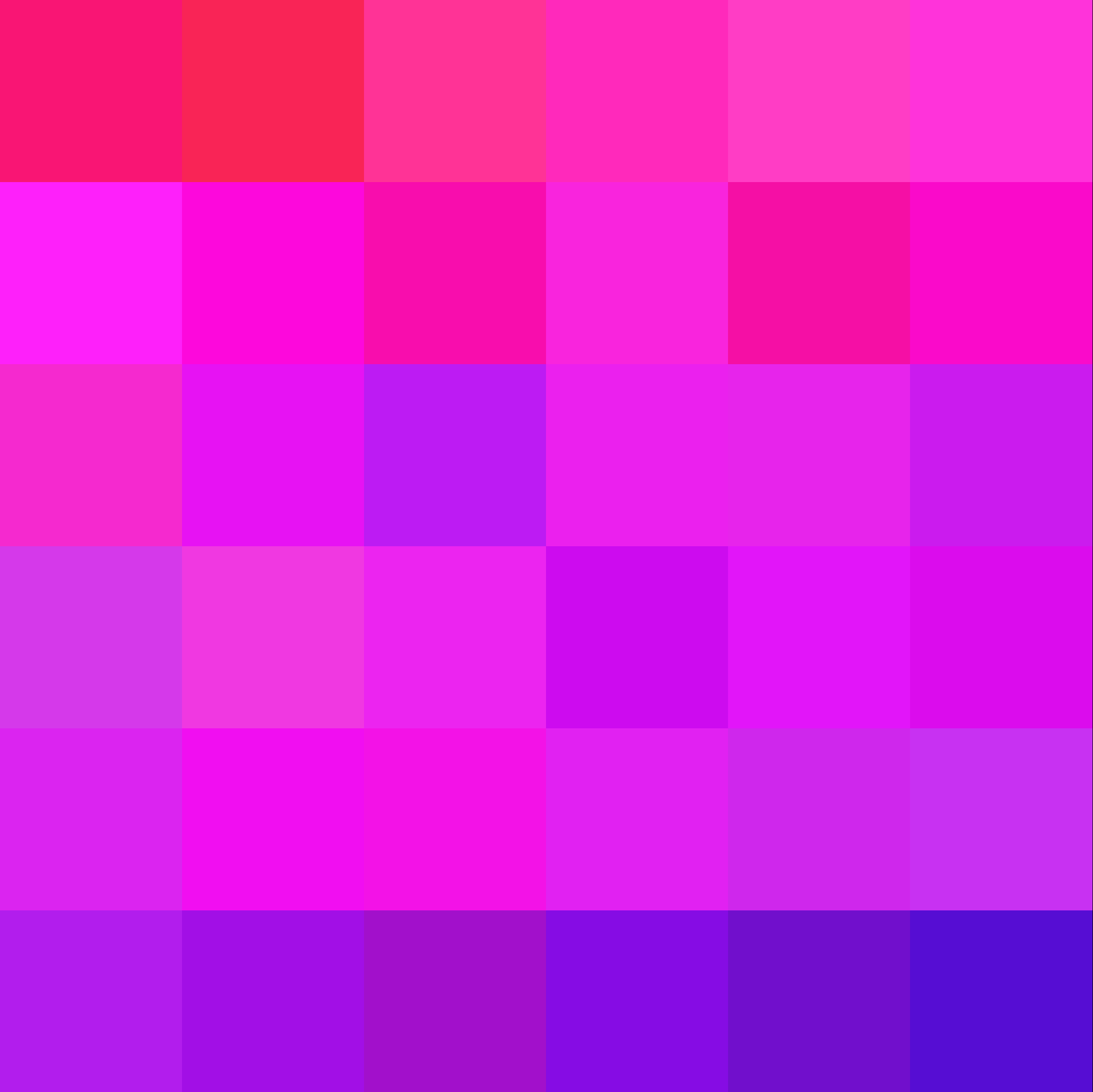
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some purple, some yellow, a bit of violet, a bit of rose, a bit of indigo, a bit of blue, a bit of red, a little bit of orange, a tiny bit of lime, and a tiny bit of green in it.
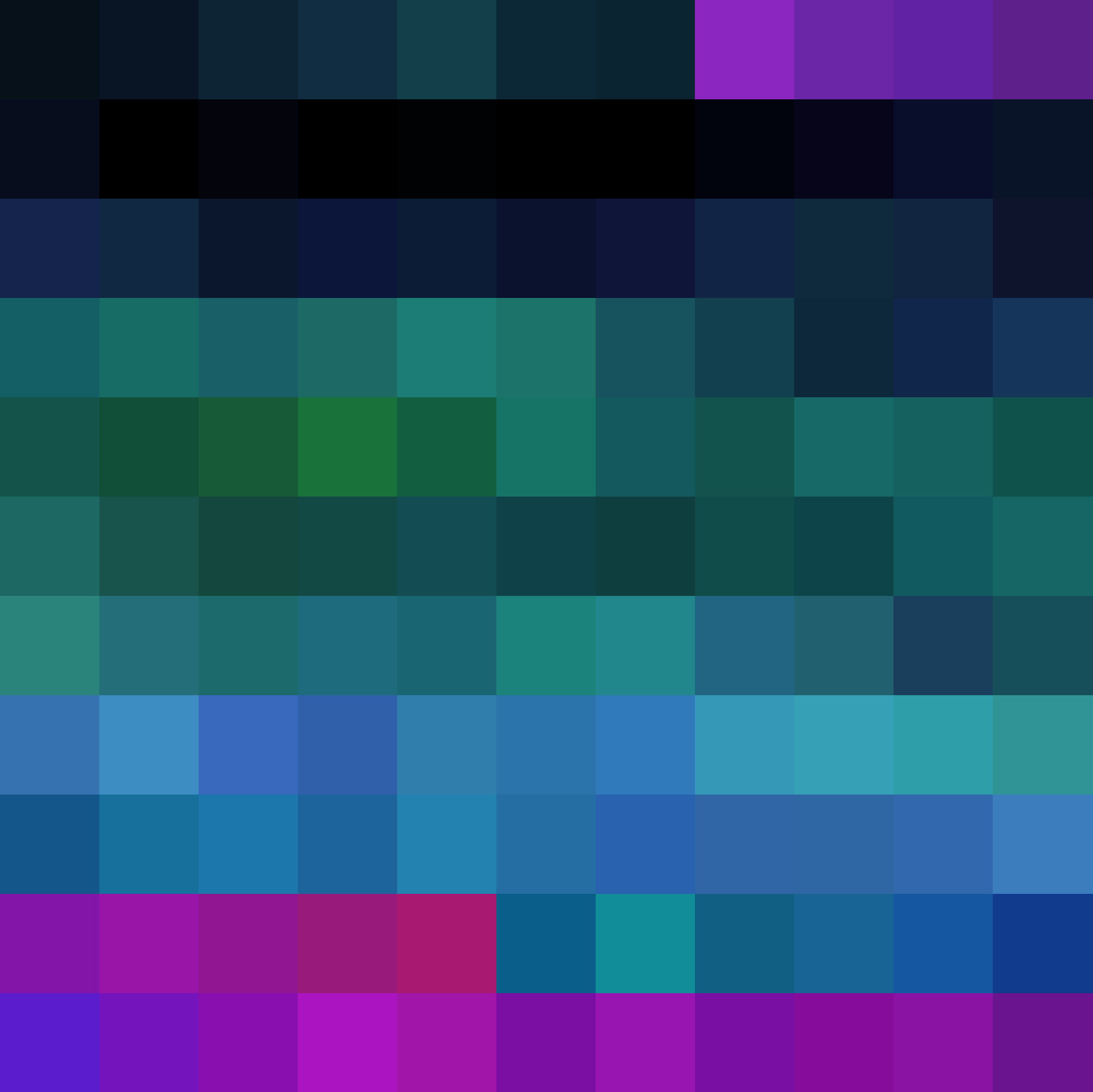
An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, a bit of purple, a little bit of magenta, a little bit of green, a tiny bit of violet, and a tiny bit of indigo in it.

This colourful gradient, generated in this 6 by 6 pixel grid, is mostly magenta, but it also has quite some purple, a little bit of rose, a little bit of red, and a little bit of violet in it.

A grid with 81 coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, a little bit of rose, a little bit of green, and a tiny bit of violet in it.
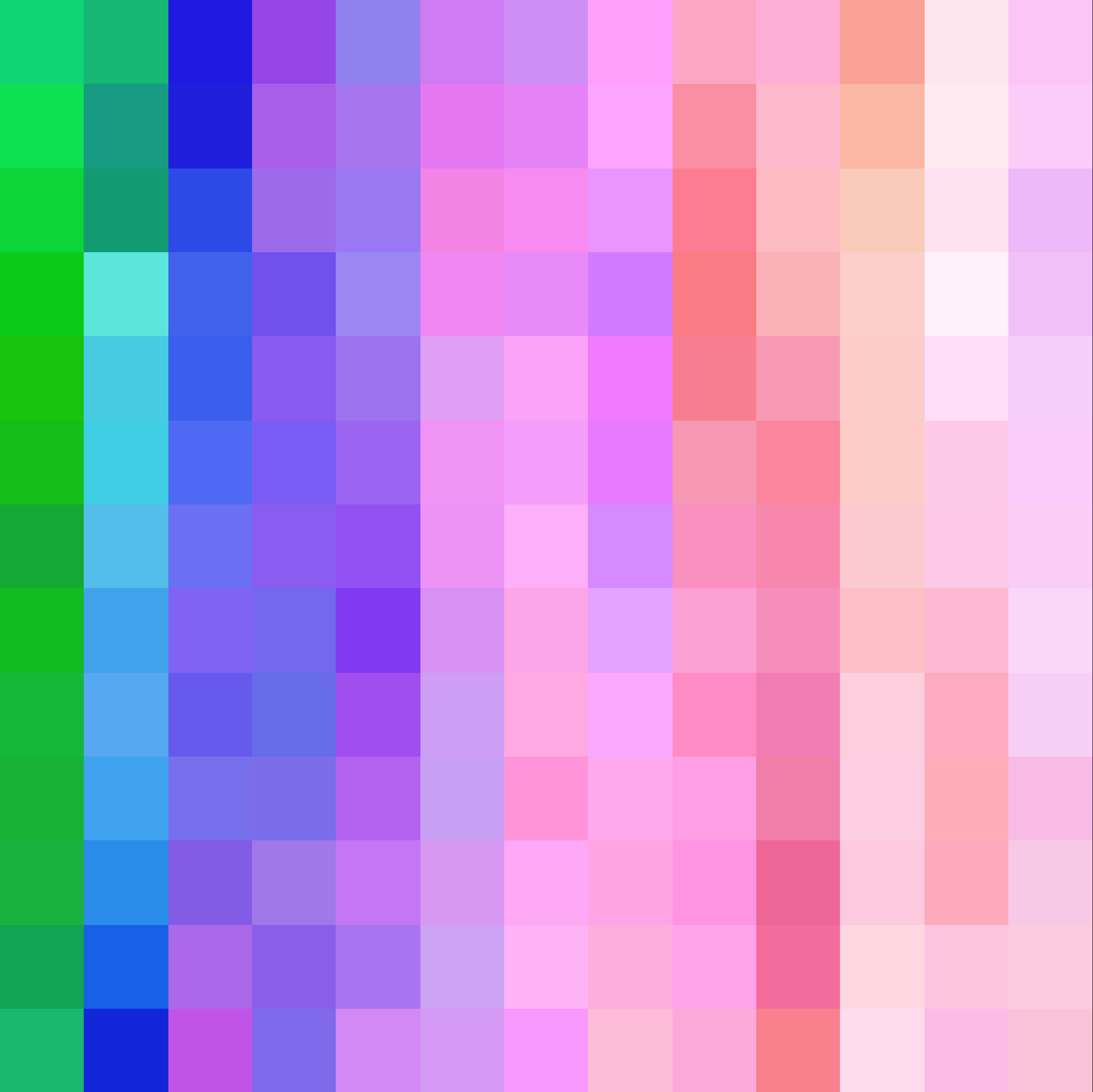
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly magenta, and it also has some rose, some purple, some red, a bit of indigo, a bit of green, a bit of blue, a little bit of violet, a tiny bit of cyan, and a tiny bit of orange in it.

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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