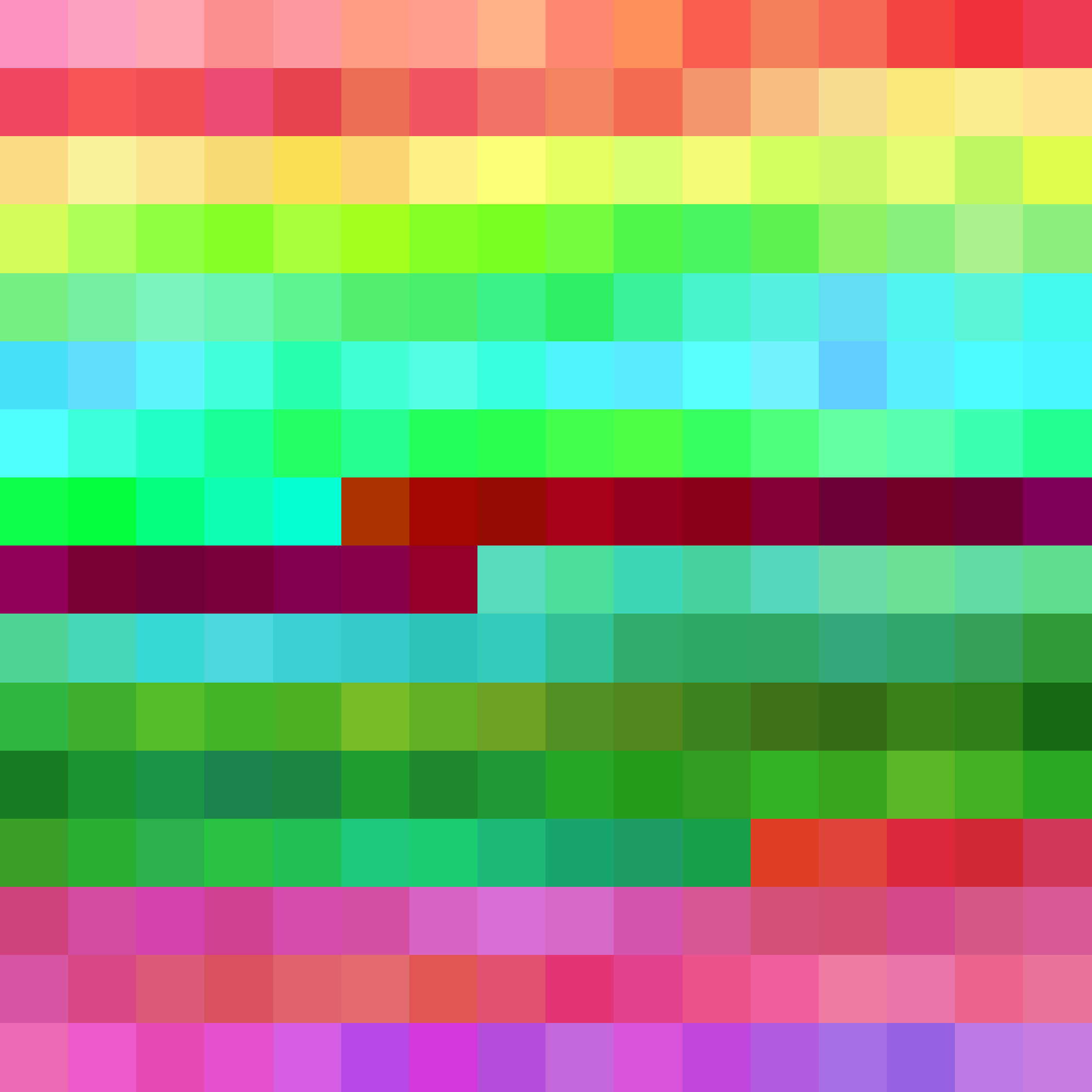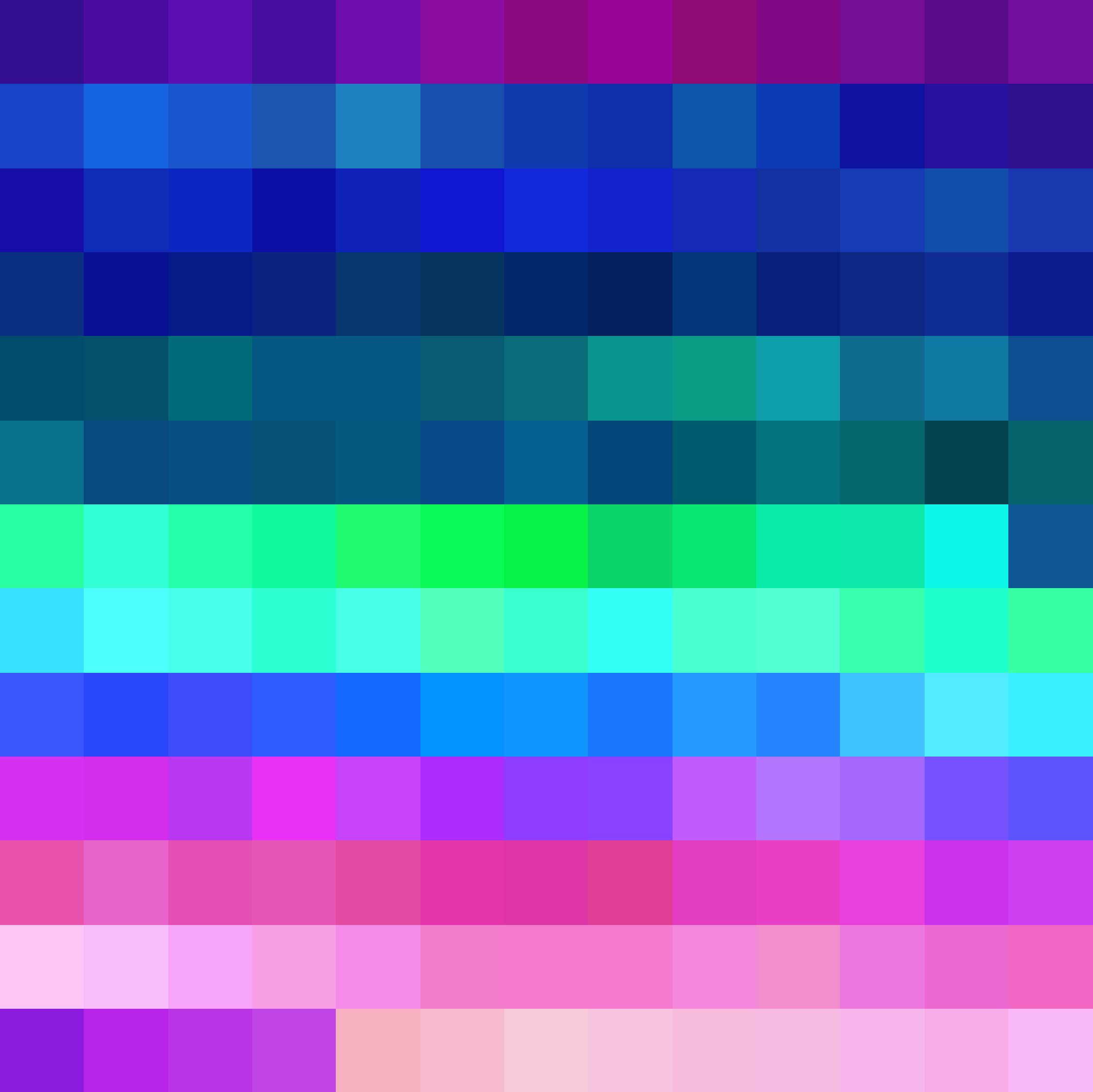# 100 random pixel gradients

Vasilis van Gemert – 15-11-2023

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

Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly blue, but it also has quite some magenta, some cyan, a bit of purple, a bit of green, a little bit of violet, a little bit of indigo, a tiny bit of rose, and a tiny bit of red in it.
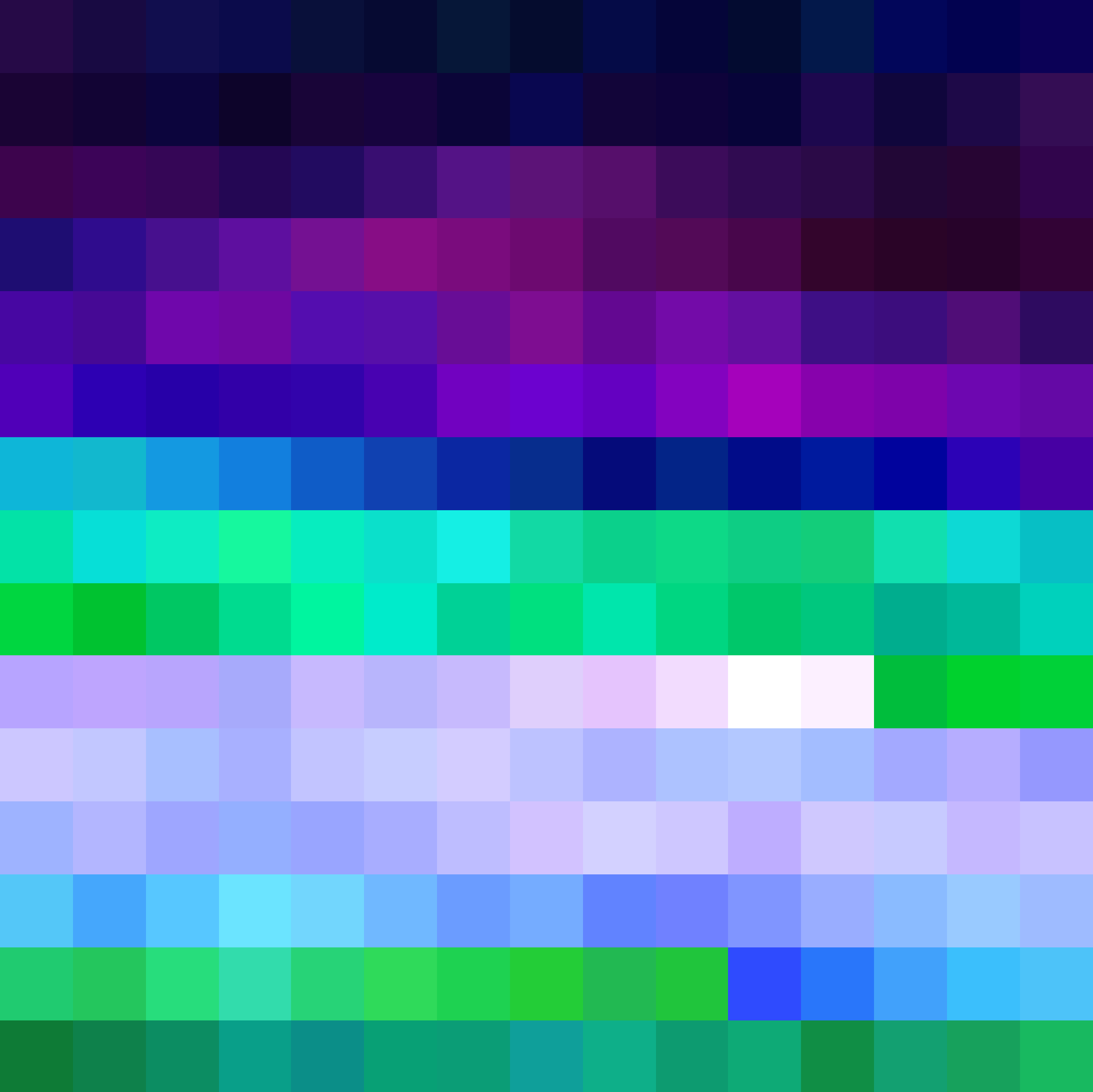
A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has some indigo, some green, some purple, a bit of cyan, a bit of violet, and a little bit of magenta in it.

The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly magenta, and it also has quite some purple, a bit of rose, a bit of red, a little bit of violet, a little bit of indigo, and a little bit of orange in it.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly magenta, but it also has quite some purple, some violet, some indigo, a little bit of lime, a little bit of green, a tiny bit of yellow, a tiny bit of rose, and a tiny bit of blue 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 some yellow, some cyan, some magenta, a bit of blue, a bit of rose, a bit of red, a little bit of orange, a tiny bit of indigo, a tiny bit of purple, a tiny bit of lime, and a tiny bit of violet in it.
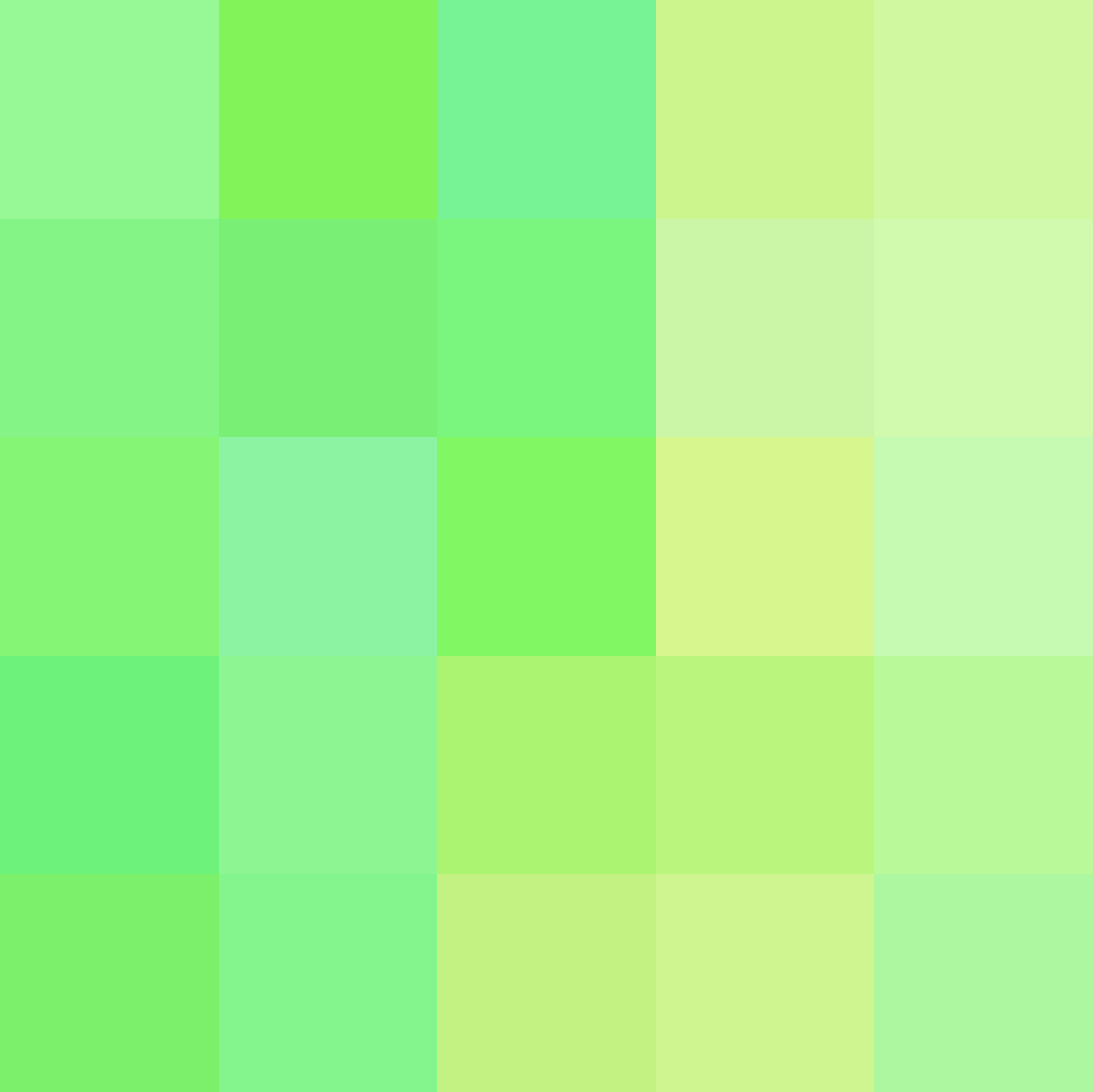
A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has a little bit of lime in it.
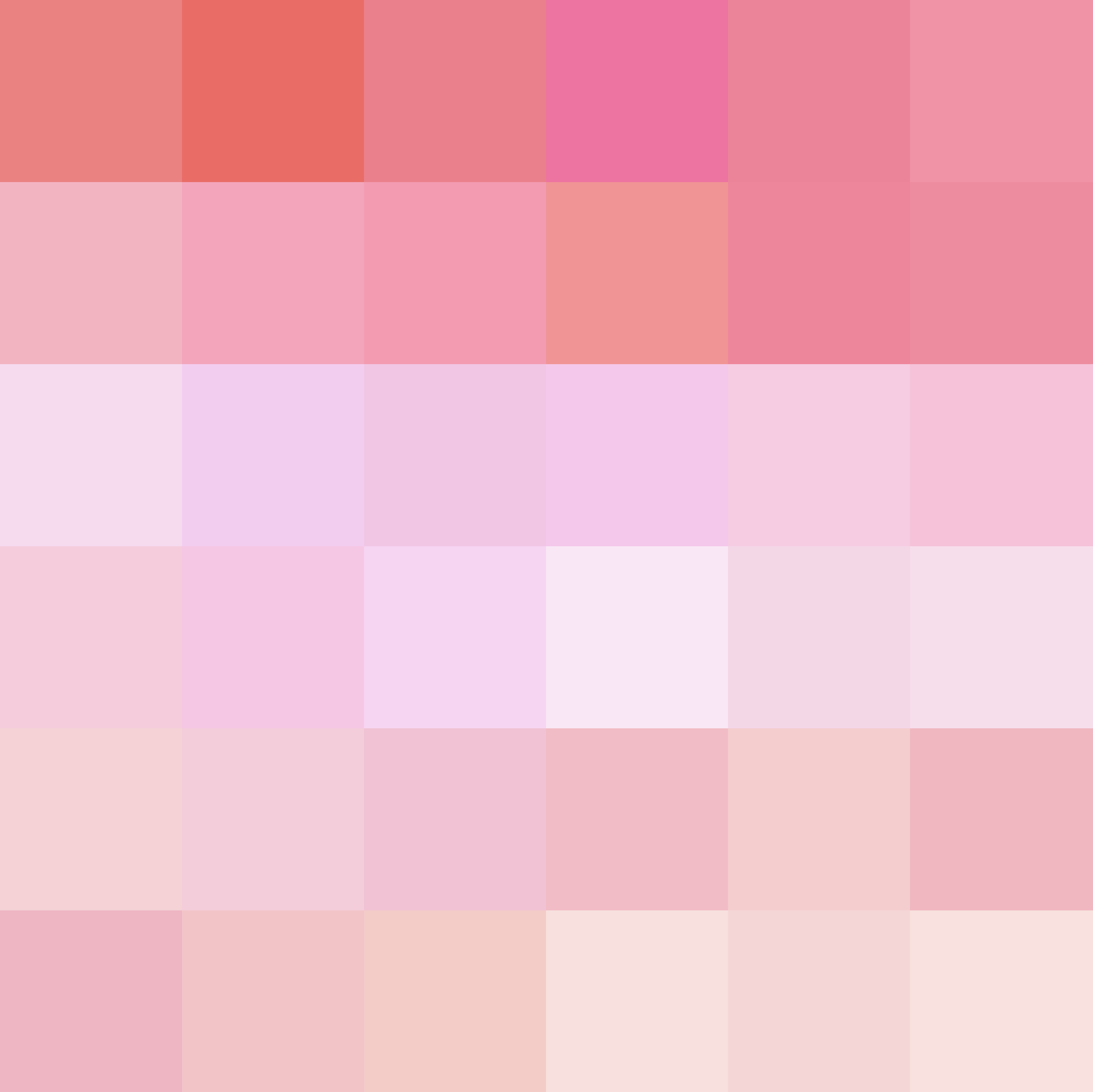
A grid of 36 blocks. It's mostly red, but it also has quite some rose, and quite some magenta in it.
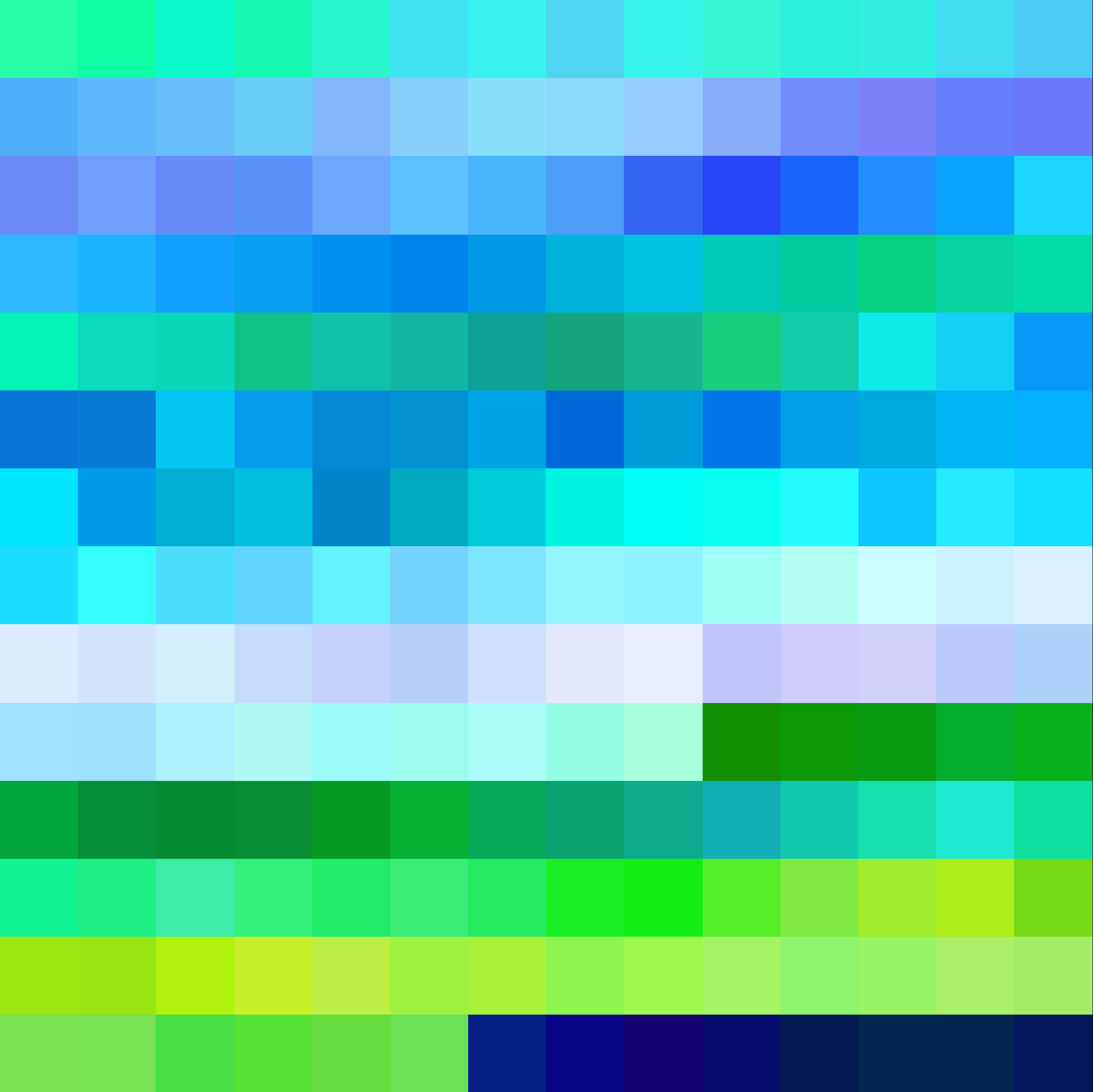
Here's a 14 by 14 pixelated grid that forms a colourful gradient. It is mostly blue, but it also has quite some cyan, quite some green, a tiny bit of indigo, and a tiny bit of lime in it.
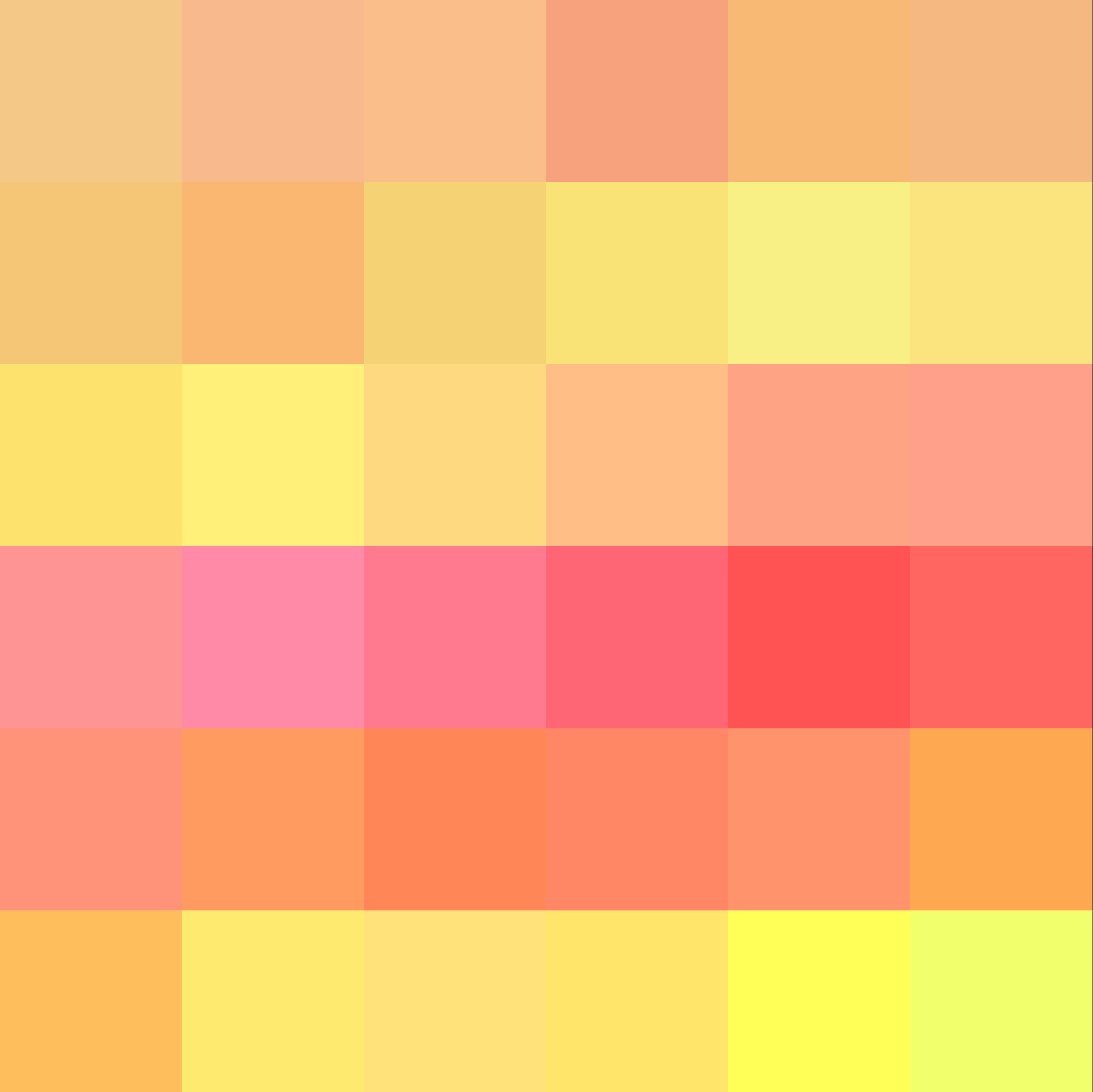
There's a pixel gradient in this 6 by 6 grid. It is mostly orange, and it also has quite some yellow, and quite some red in it.
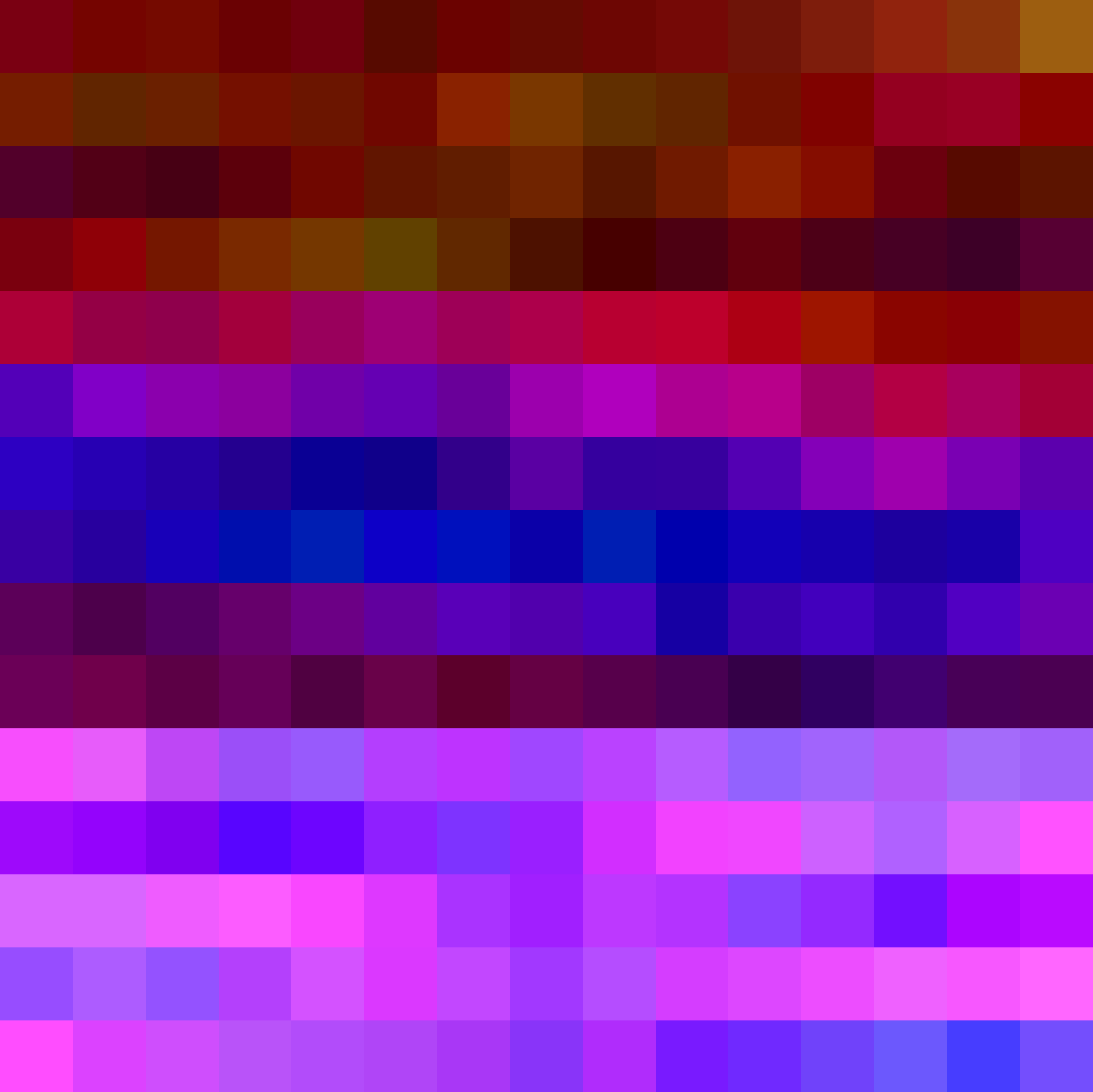
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly yellow, but it also has some orange, some red, some green, some purple, a bit of magenta, a little bit of lime, a little bit of cyan, a little bit of blue, a little bit of rose, and a tiny bit of violet in it.
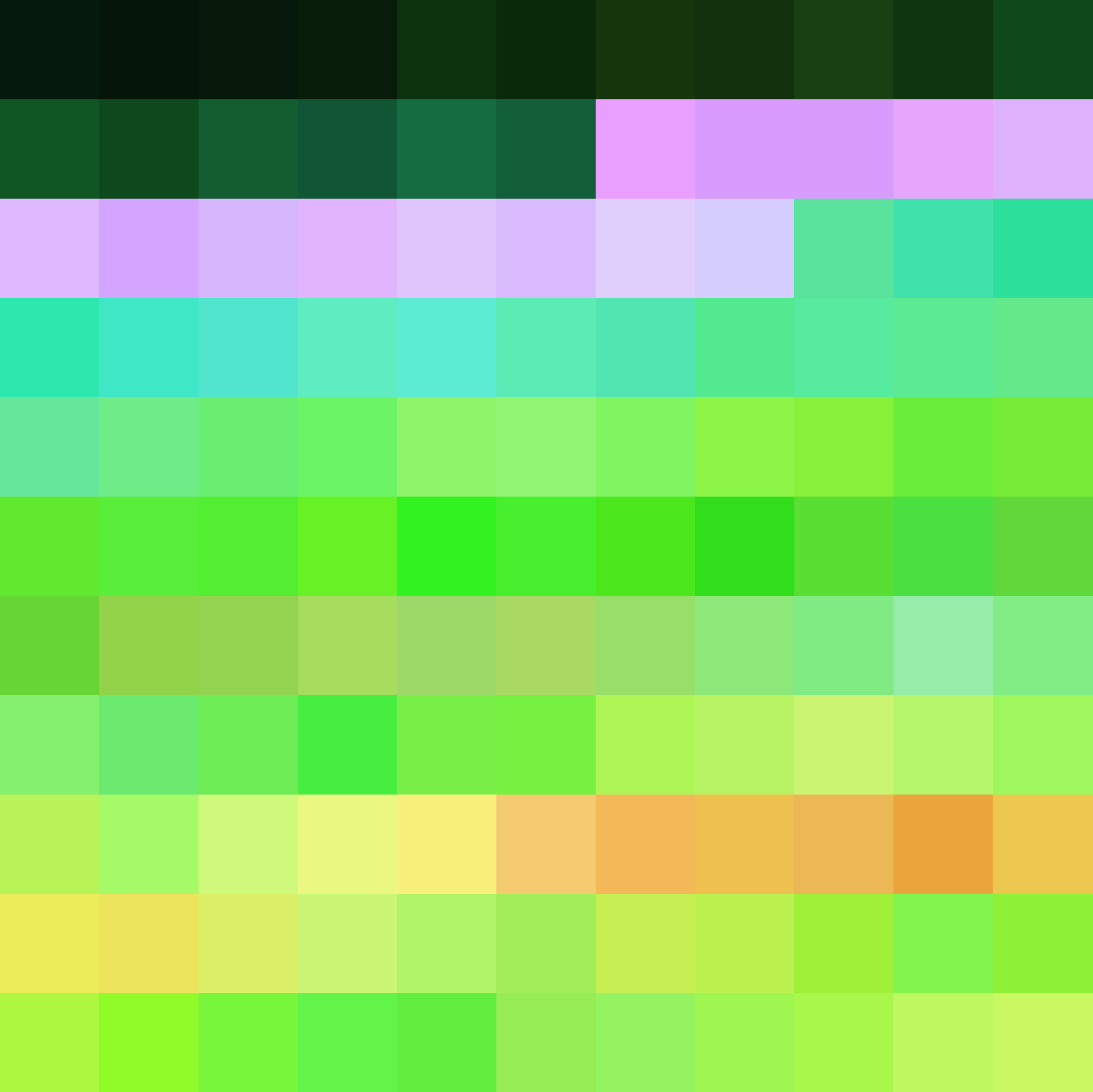
A very, very colourful grid of 121 blocks. It's mostly green, and it also has a bit of purple, a little bit of yellow, a little bit of orange, a little bit of violet, a tiny bit of cyan, a tiny bit of lime, and a tiny bit of indigo in it.
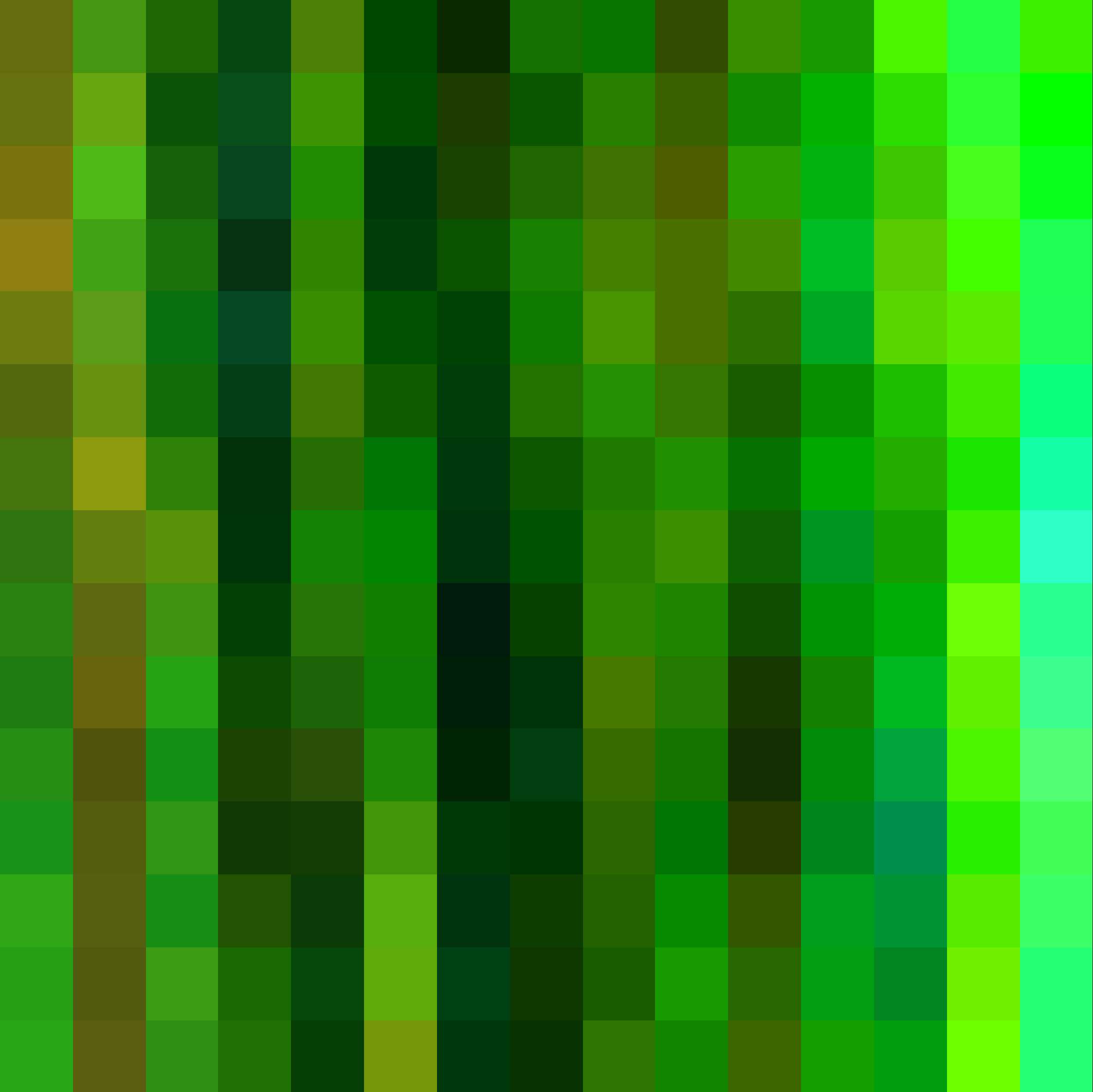
A 15 by 15 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has a little bit of yellow, a tiny bit of lime, and a tiny bit of cyan in it.

A grid with 225 coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has some purple, a bit of violet, a little bit of orange, a little bit of magenta, and a little bit of indigo in it.
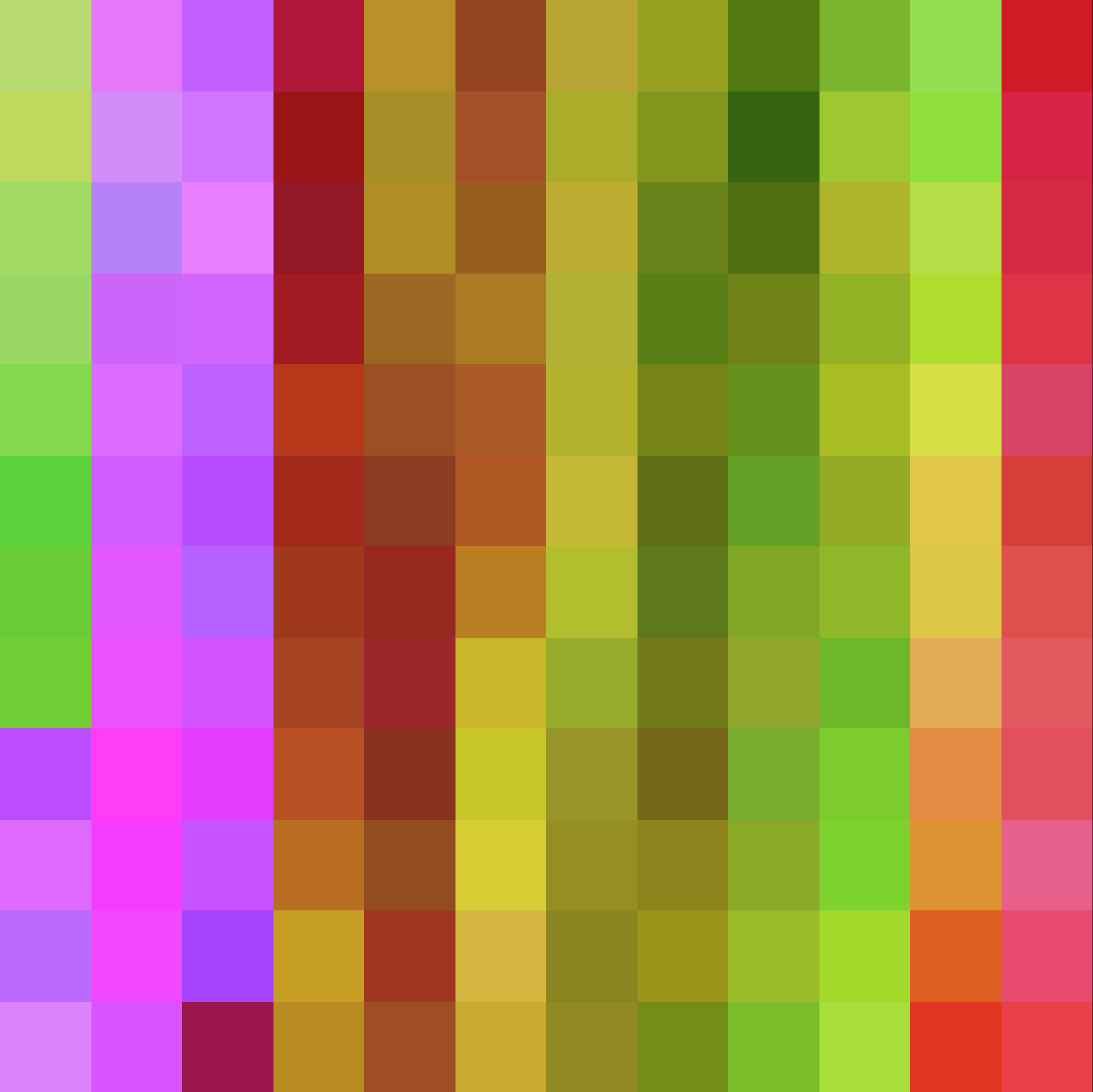
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly yellow, and it also has some red, some green, some purple, some orange, some lime, a little bit of magenta, a tiny bit of rose, and a tiny bit of violet in it.

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

A very, very colourful grid of 169 blocks. It's mostly magenta, but it also has some rose, some orange, a bit of purple, a bit of red, a bit of green, a bit of yellow, a bit of lime, a tiny bit of indigo, and a tiny bit of violet in it.
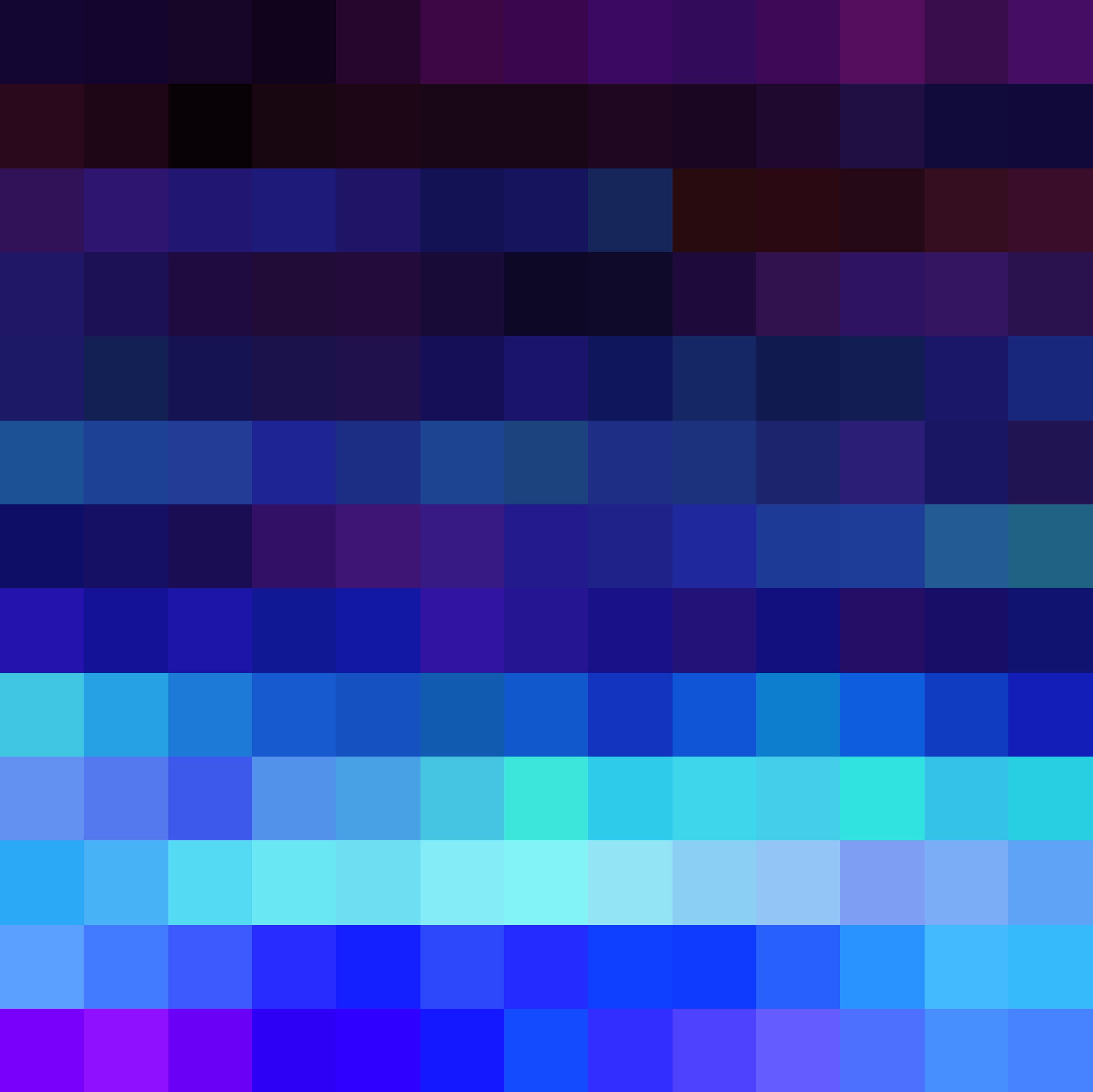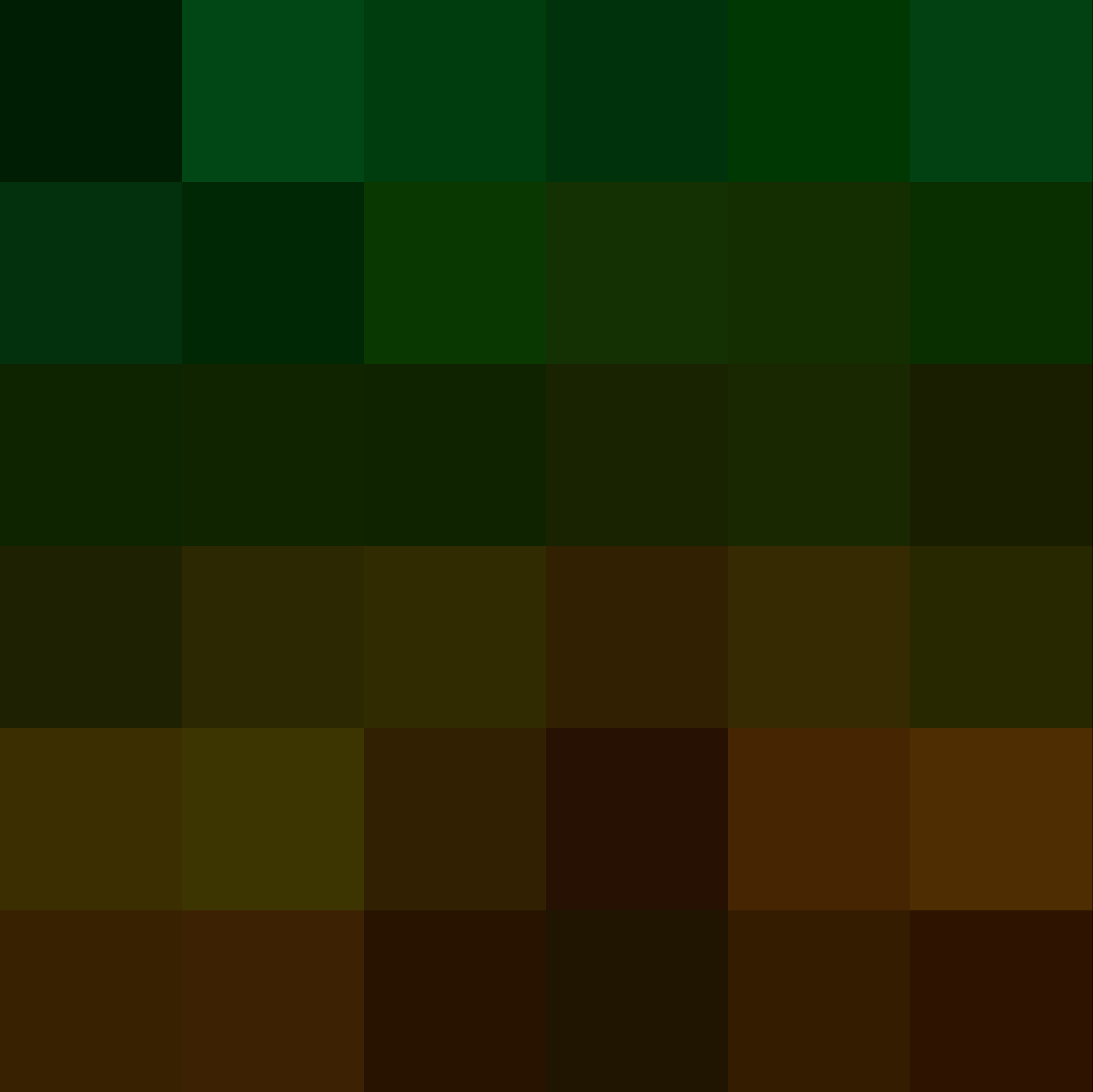
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some indigo, a bit of cyan, a bit of purple, a bit of violet, a bit of magenta, a tiny bit of rose, and a tiny bit of red in it.
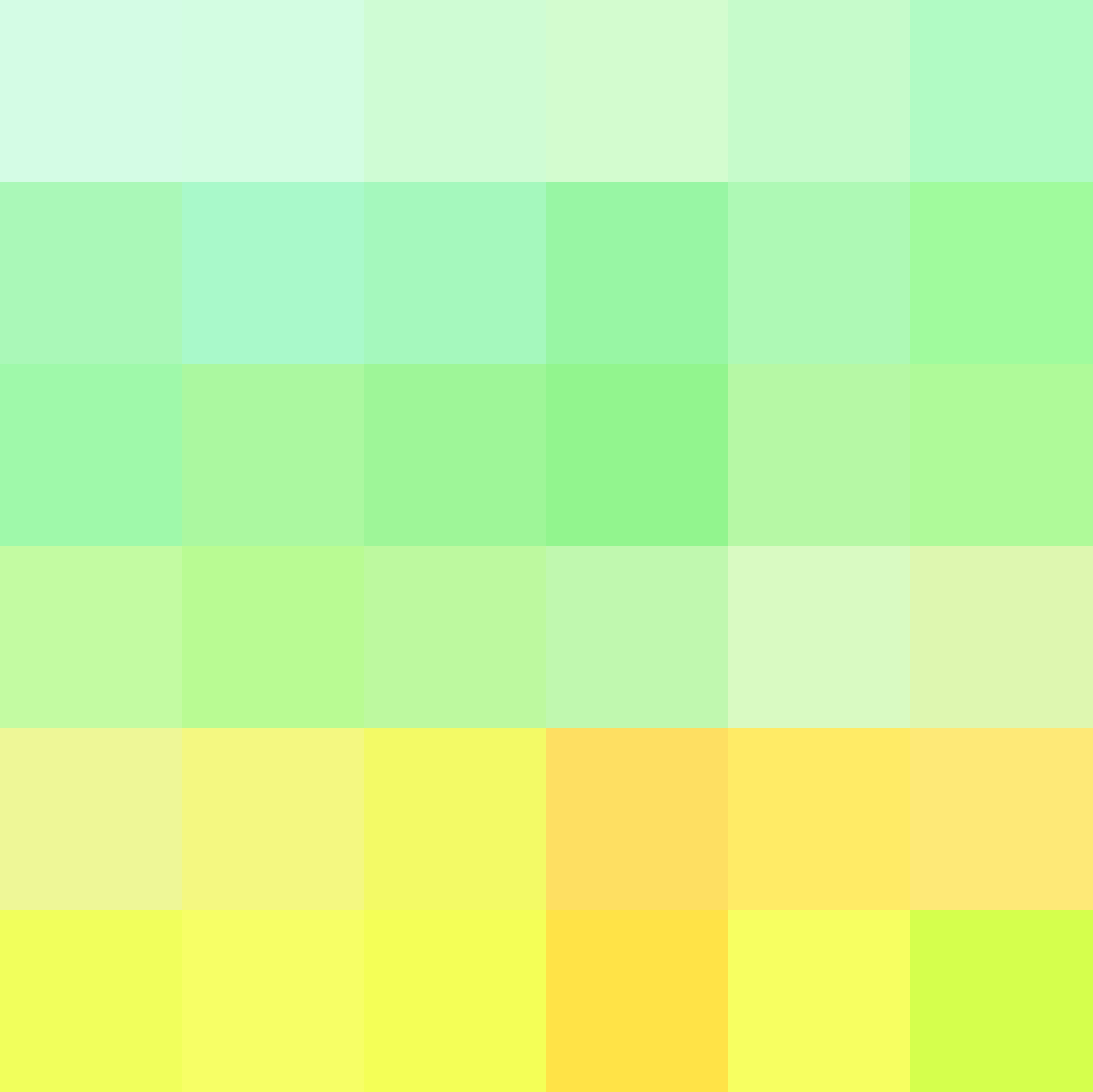
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, but it also has quite some yellow, and a little bit of lime in it.
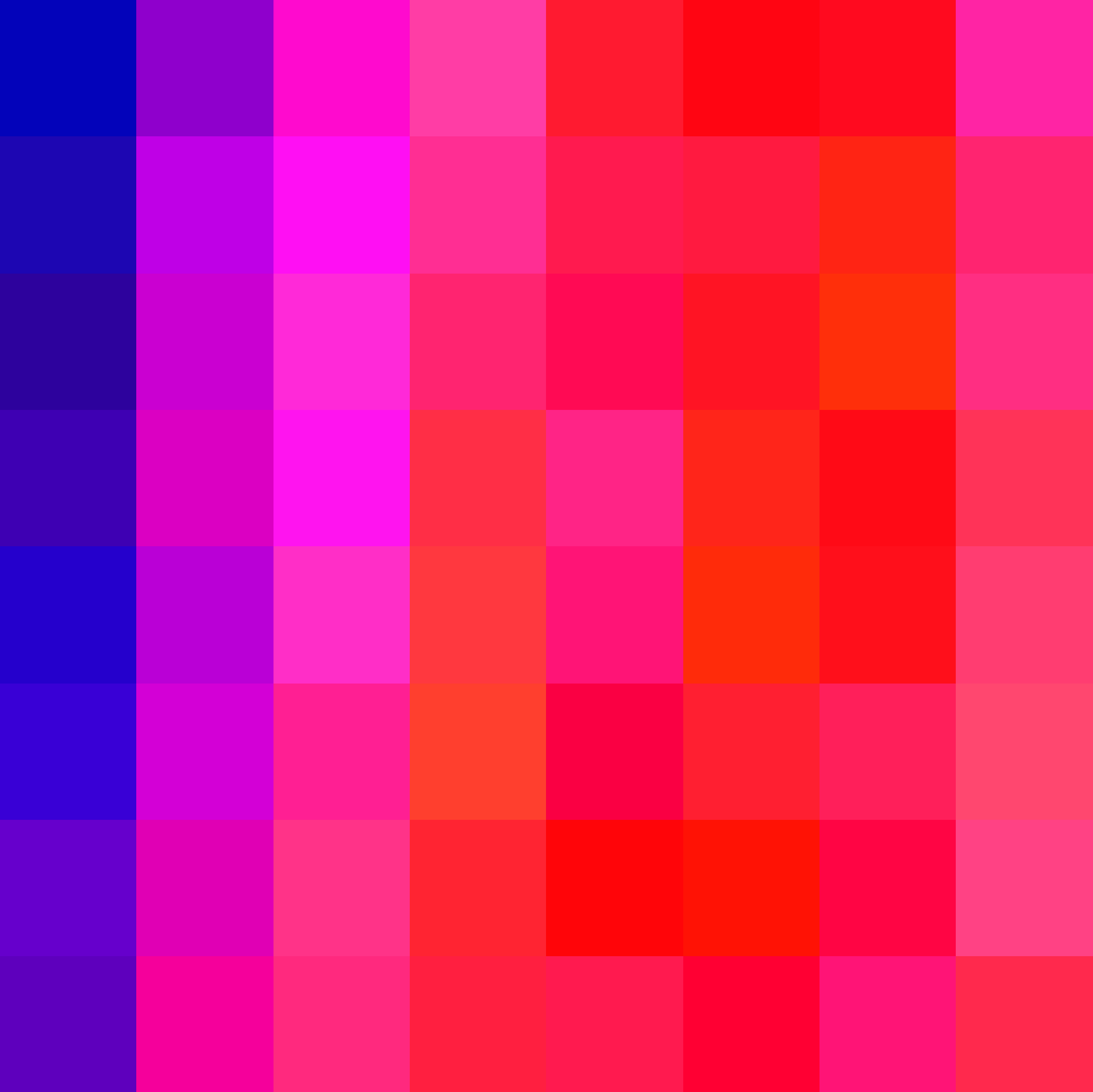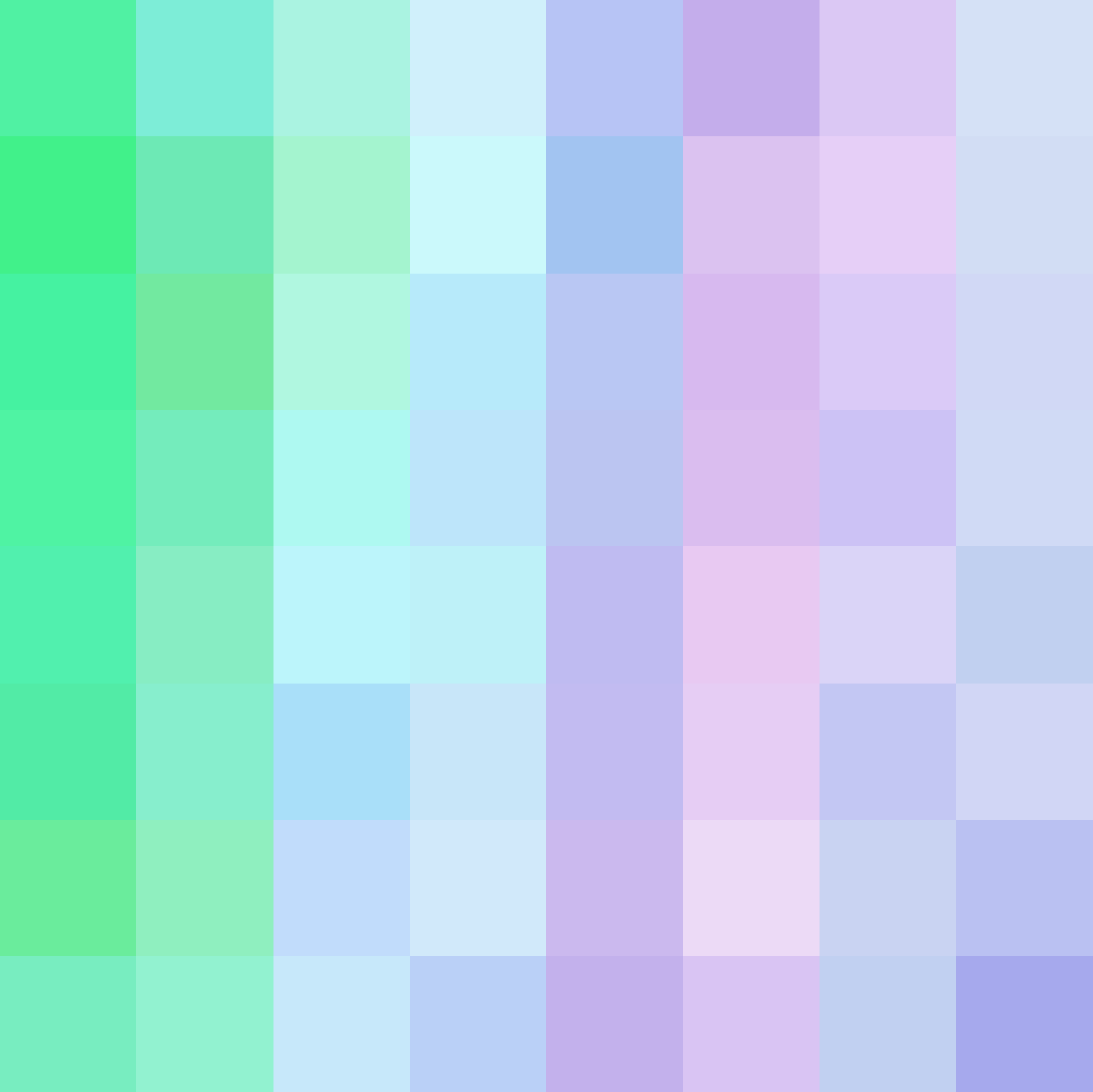
This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly red, but it also has quite some rose, some magenta, a little bit of indigo, a little bit of violet, a little bit of purple, and a tiny bit of blue in it.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some orange, quite some yellow, and a little bit of lime in it.
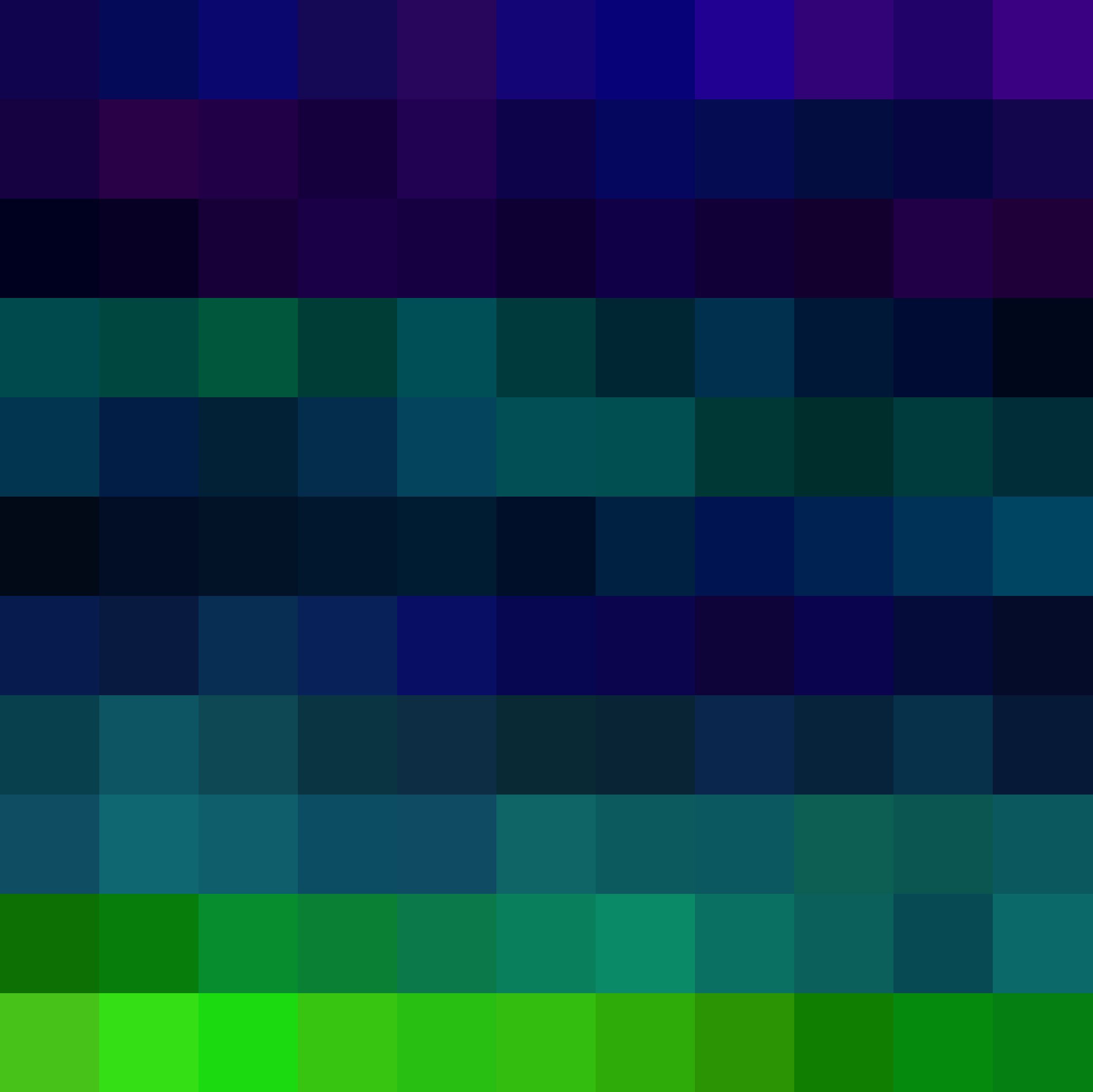
Here's an 11 by 11 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some cyan, some indigo, some green, a bit of violet, and a tiny bit of purple in it.
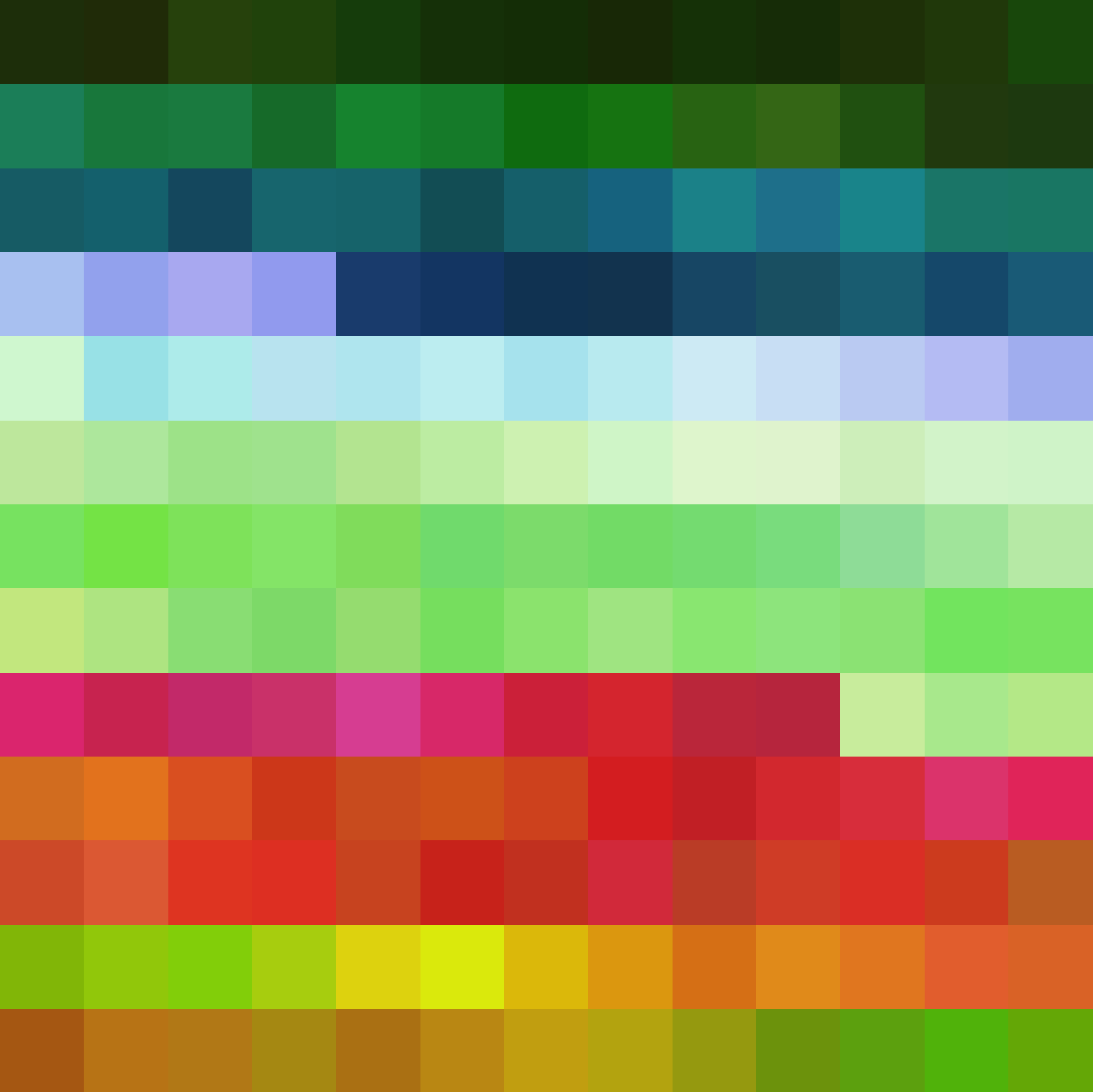
This very colourful gradient, generated in this 8 by 8 pixel grid, is mostly blue, but it also has quite some green, some purple, a bit of cyan, a bit of indigo, and a little bit of violet in it.
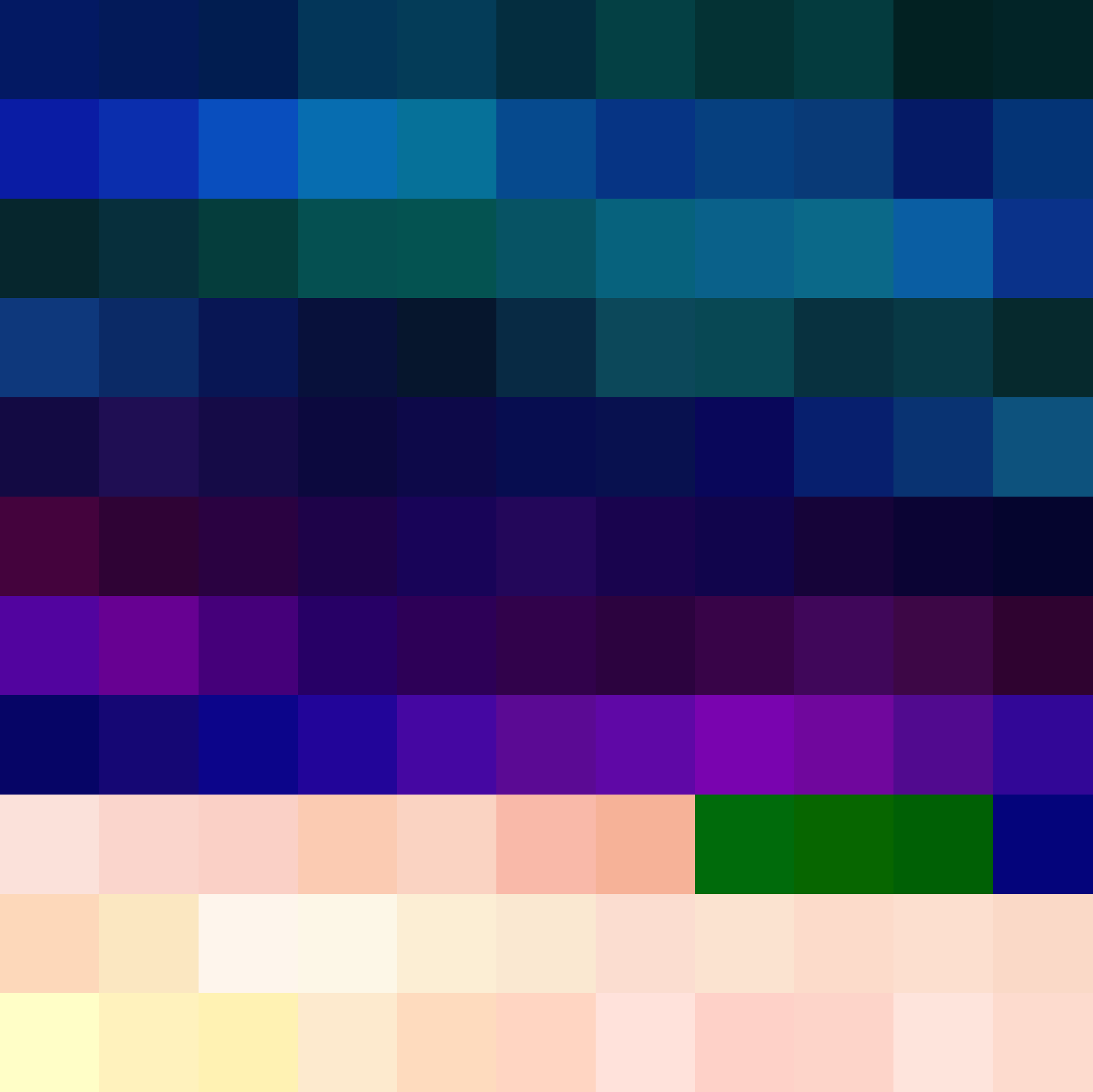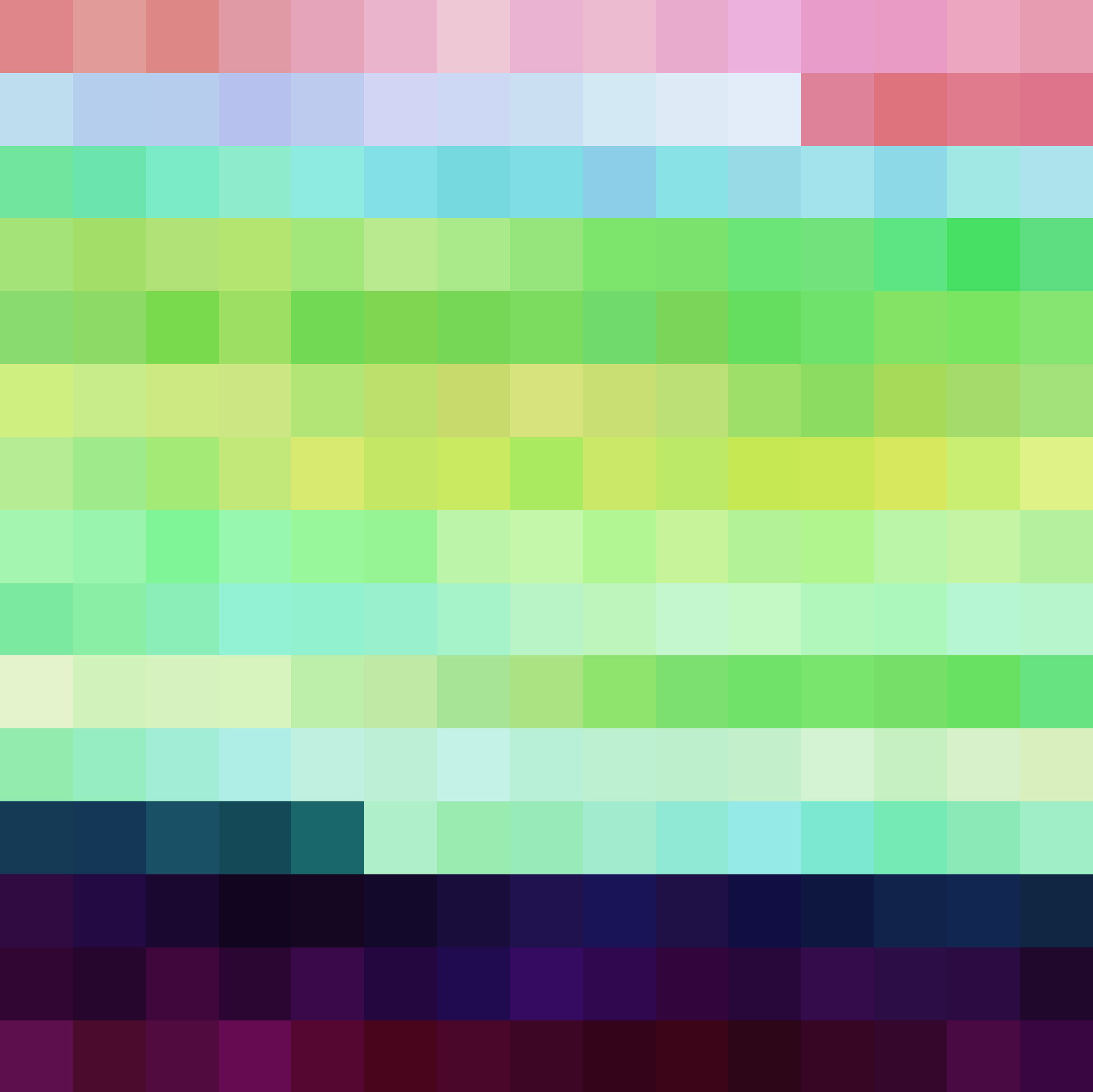
There's a very, very colourful pixel gradient in this 11 by 11 grid. It is mostly blue, but it also has some orange, some indigo, some cyan, some purple, a bit of red, a little bit of violet, a little bit of magenta, a tiny bit of green, and a tiny bit of yellow in it.
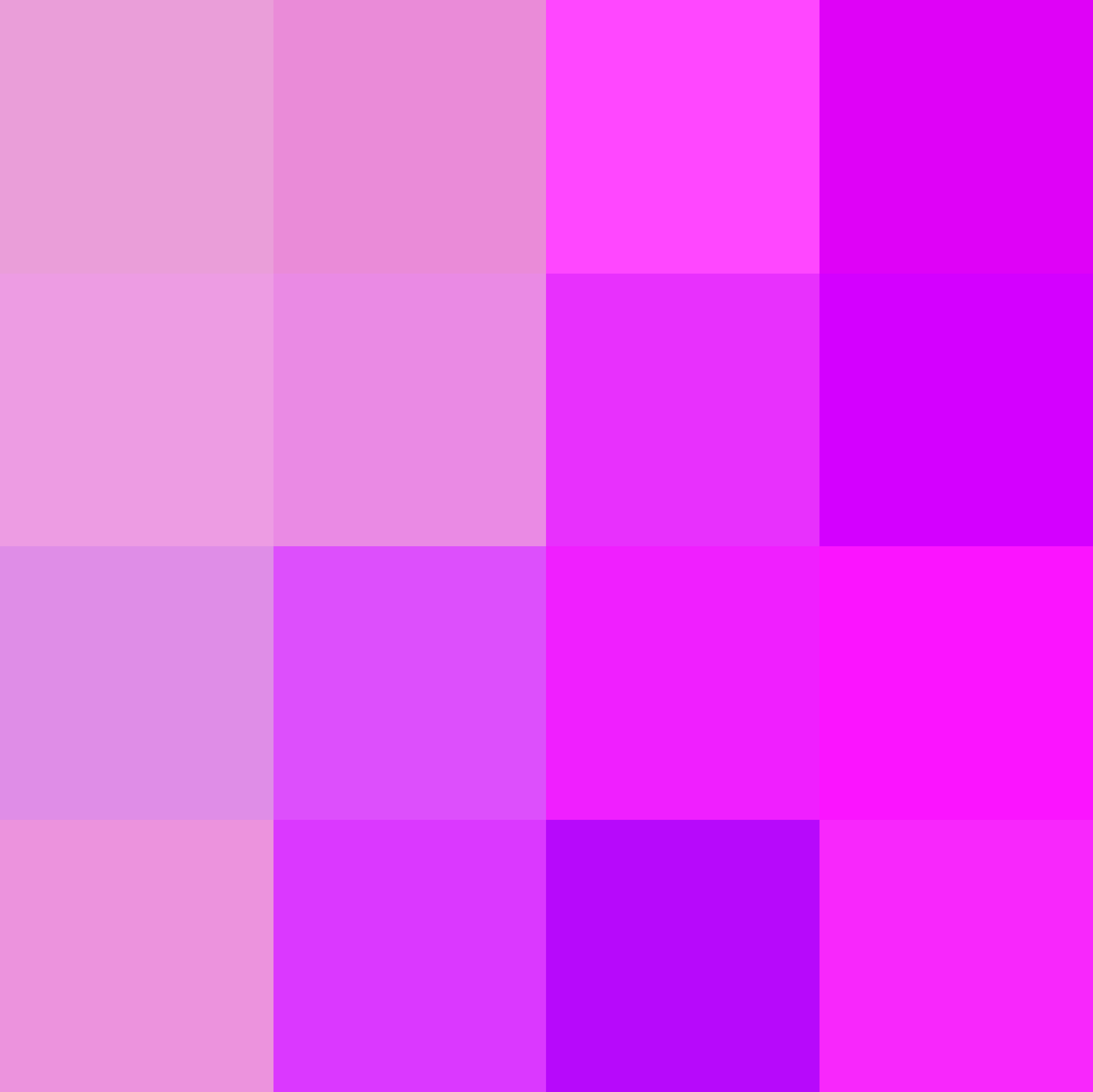
This two tone gradient, generated in this 4 by 4 pixel grid, is mostly magenta, and it also has quite some purple in it.

This very, very colourful gradient, generated in this 13 by 13 pixel grid, is mostly green, but it also has some red, some blue, a bit of cyan, a bit of orange, a little bit of rose, a little bit of yellow, and a little bit of lime in it.
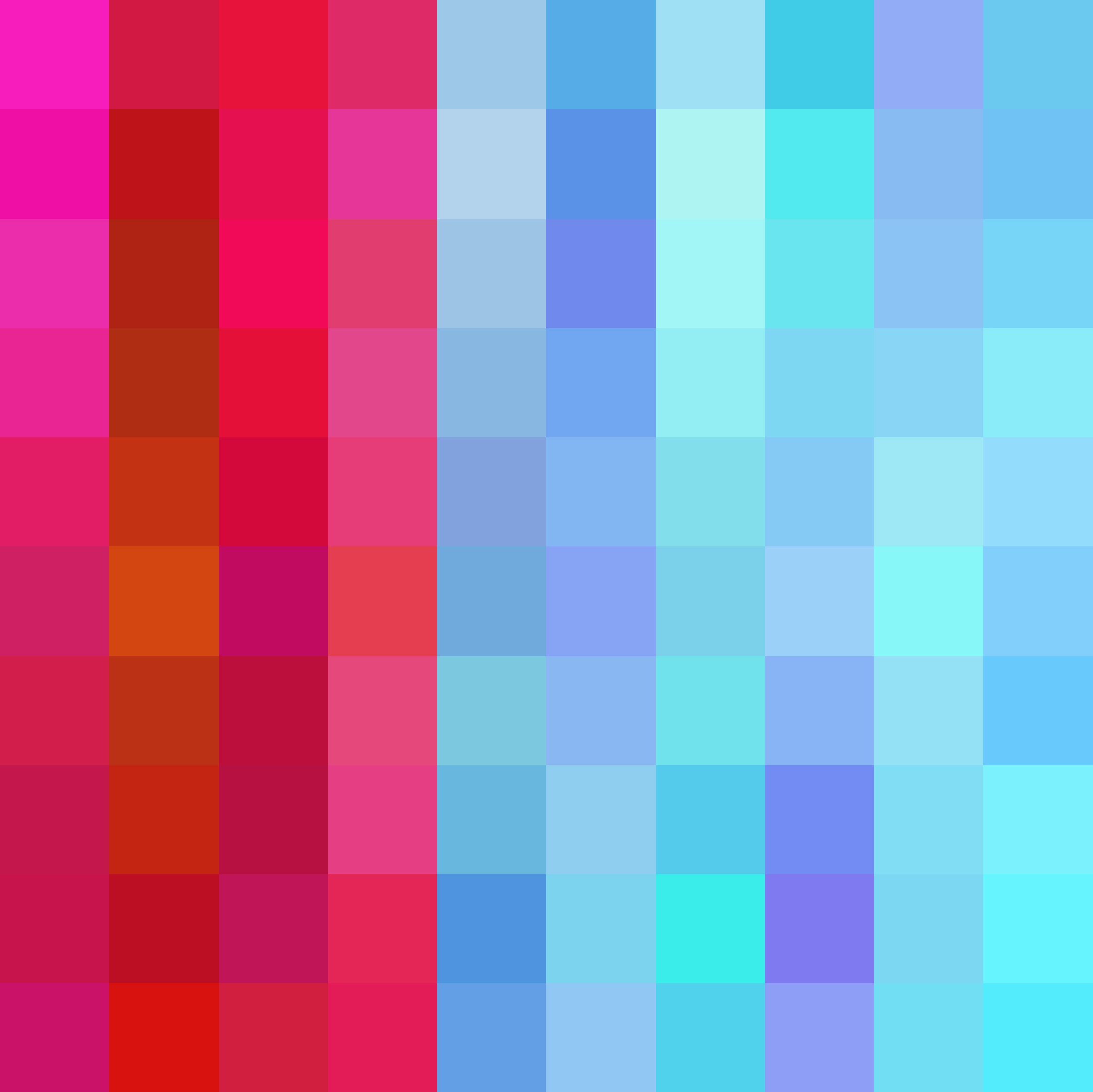
The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has a bit of blue, a bit of rose, a bit of cyan, a little bit of purple, a little bit of magenta, a little bit of lime, a little bit of red, a little bit of indigo, a tiny bit of yellow, and a tiny bit of violet in it.

There's a pixel gradient in this 8 by 8 grid. It is mostly yellow, and it also has quite some green, some lime, and a little bit of orange in it.
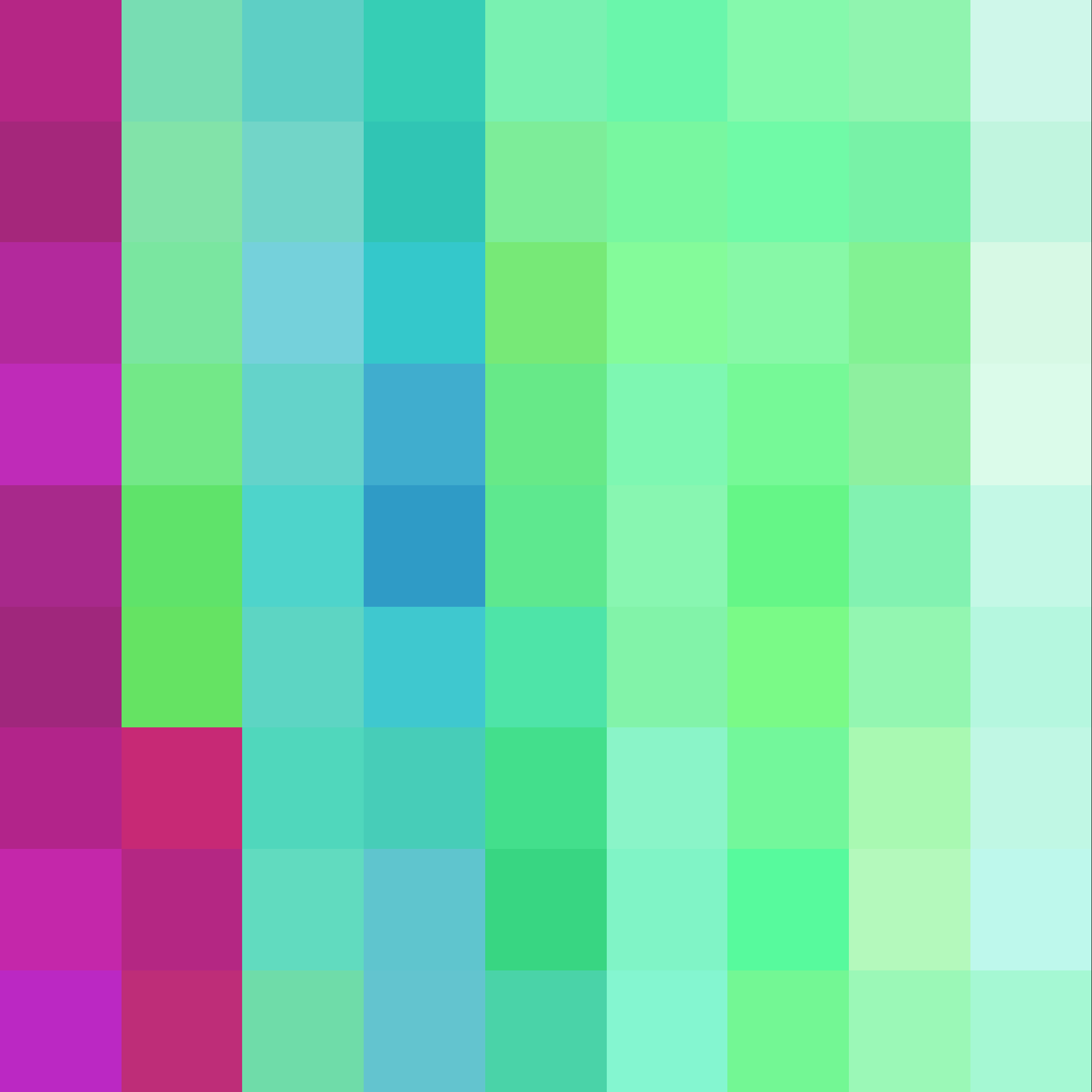
A colourful grid of 81 blocks. It's mostly green, and it also has quite some cyan, some magenta, a tiny bit of rose, and a tiny bit of blue in it.

A very colourful grid of 100 blocks. It's mostly blue, but it also has quite some cyan, some rose, some red, a little bit of magenta, a tiny bit of orange, and a tiny bit of indigo in it.
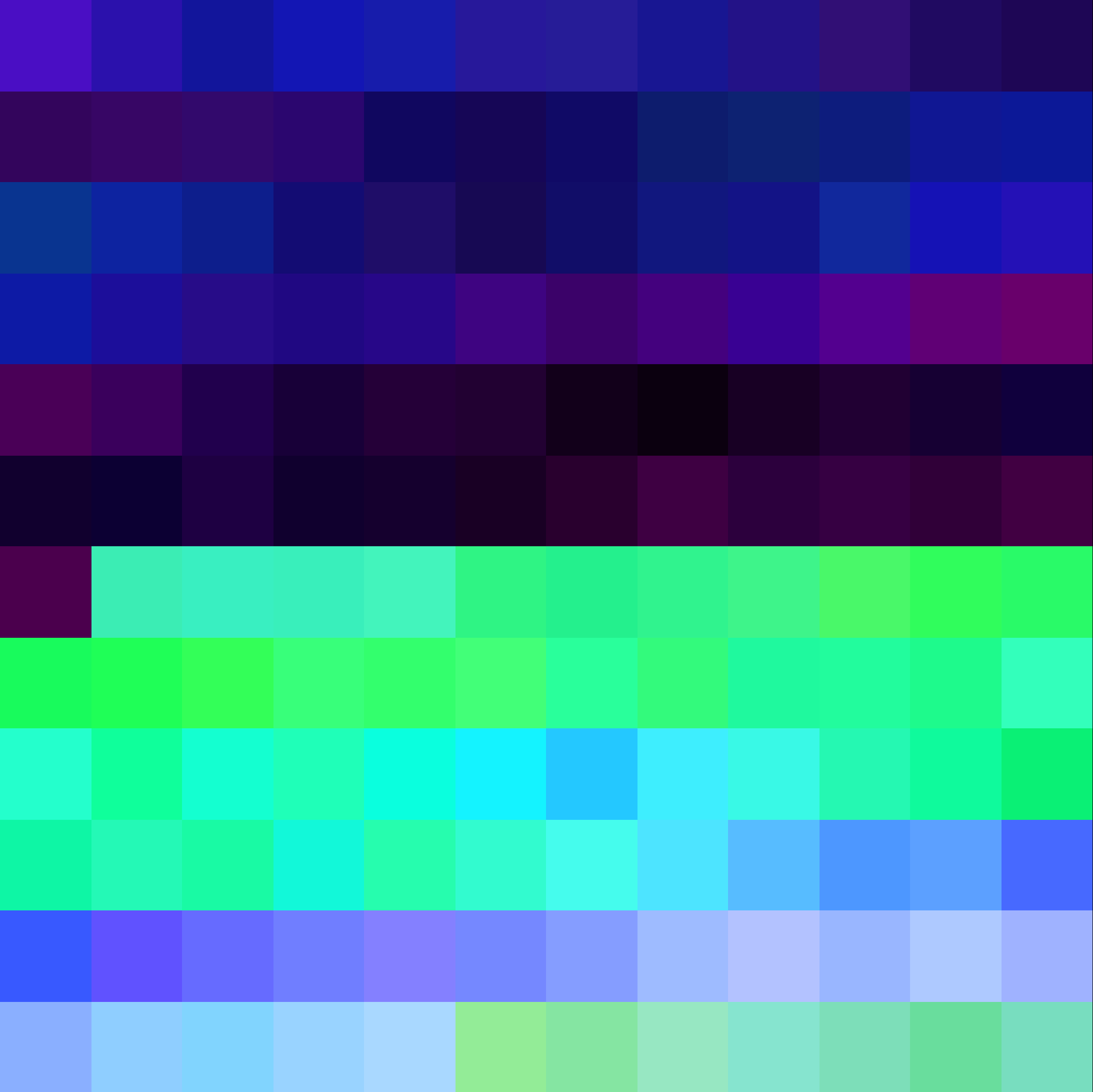
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some blue, some indigo, some purple, a bit of cyan, a bit of violet, and a little bit of magenta in it.
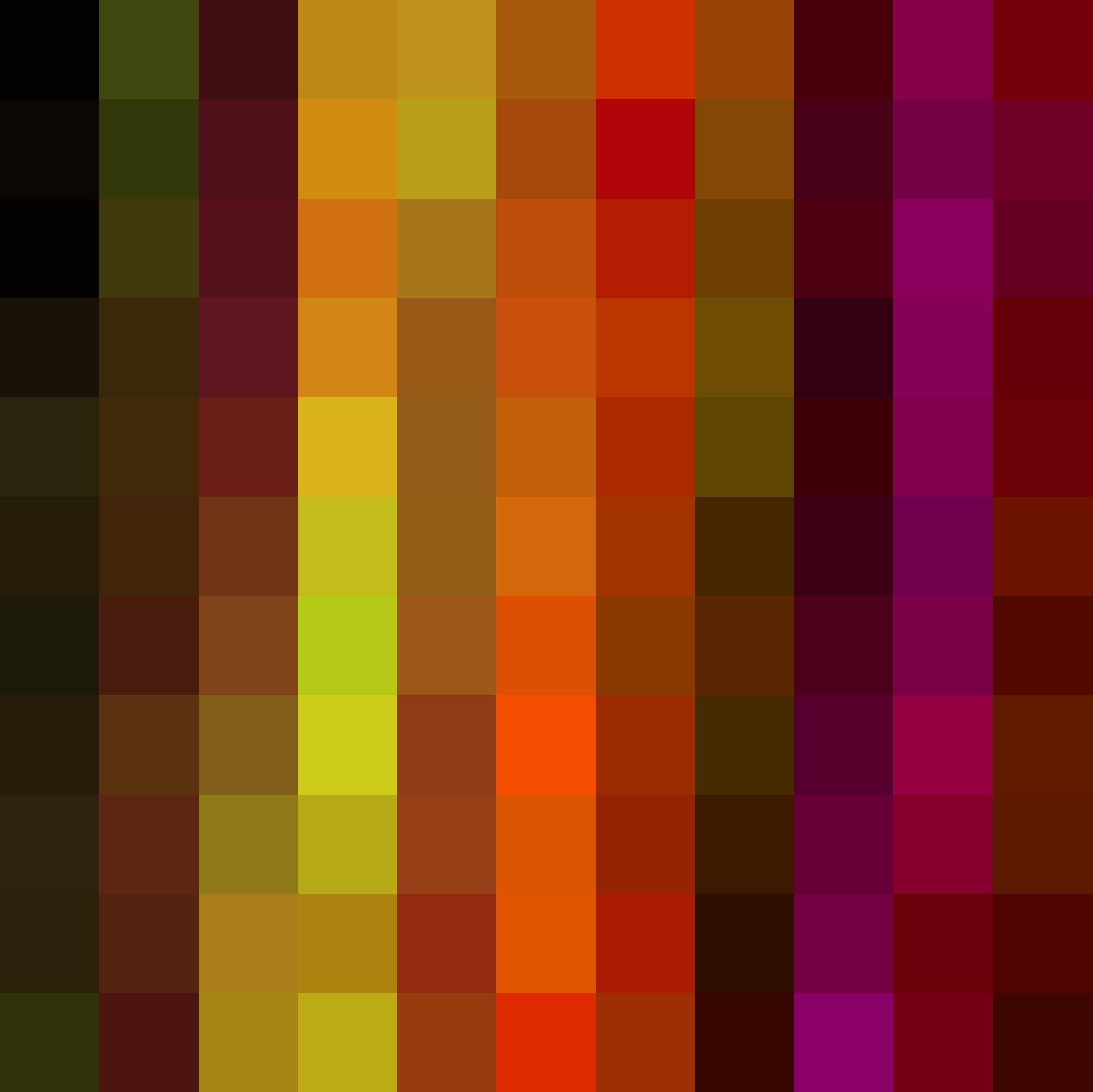
Here's an 11 by 11 pixelated grid that forms a gradient. It is mostly orange, and it also has quite some red, and some yellow in it.
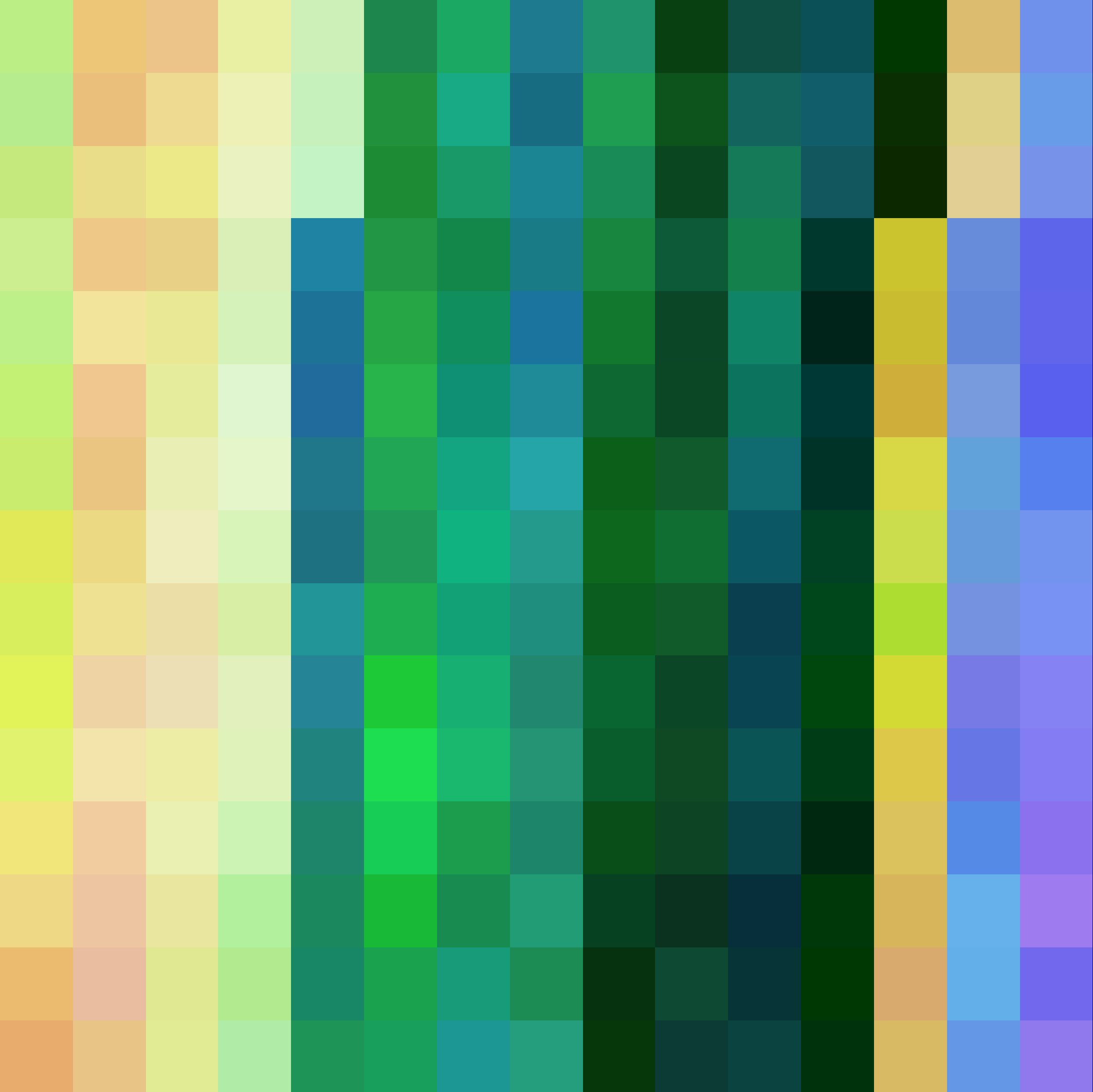
The cells in this 11 by 11 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some red, some cyan, a little bit of orange, a little bit of yellow, a tiny bit of lime, and a tiny bit of blue in it.

This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly blue, and it also has quite some green, some cyan, a bit of magenta, a little bit of purple, a little bit of yellow, a little bit of indigo, a little bit of lime, a little bit of rose, a tiny bit of violet, and a tiny bit of red in it.
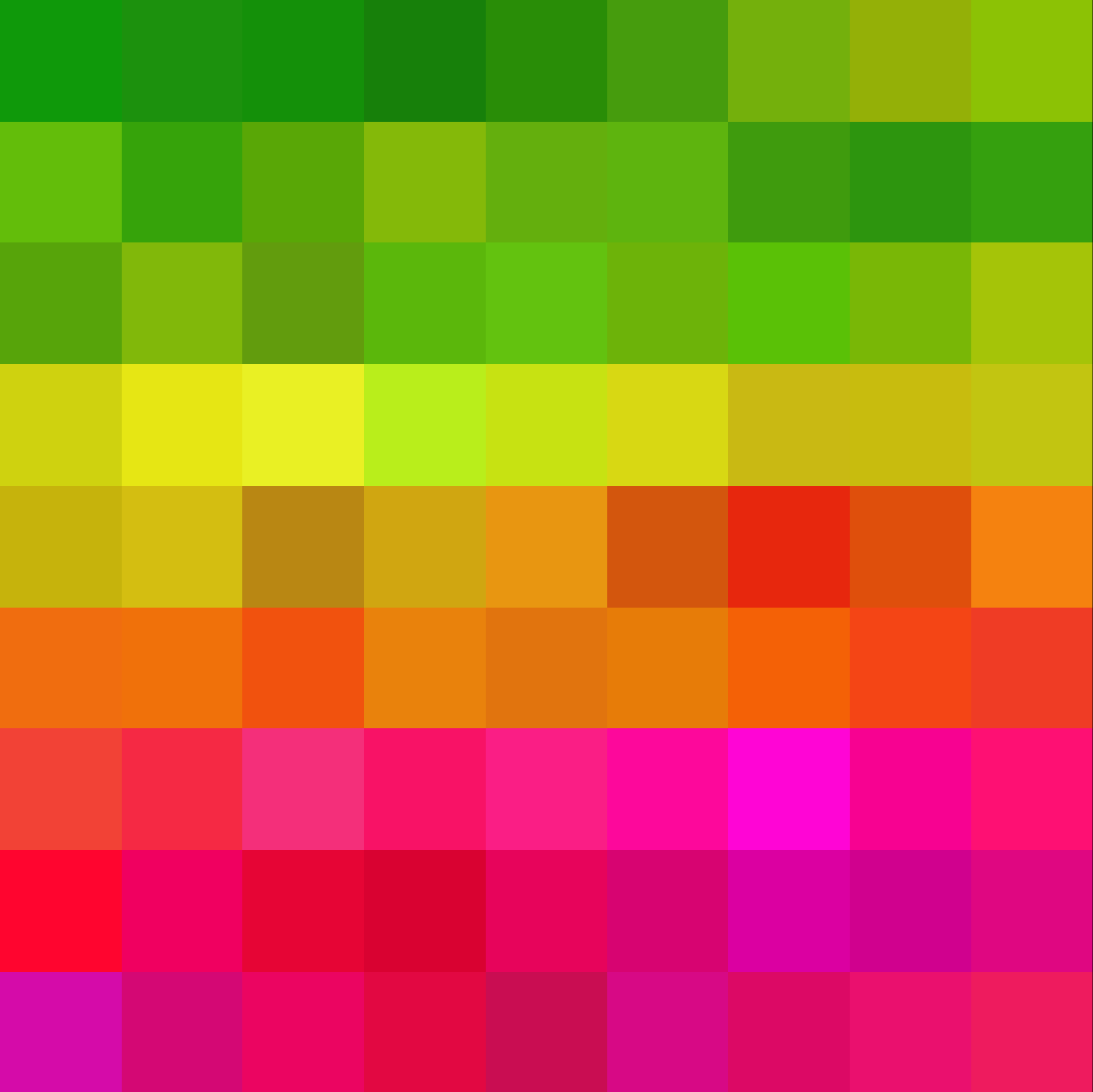
This colourful gradient, generated in this 9 by 9 pixel grid, is mostly red, and it also has quite some green, some yellow, some orange, and a little bit of lime in it.

The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly green, but it also has some cyan, some yellow, some blue, a bit of orange, a little bit of indigo, and a tiny bit of lime in it.
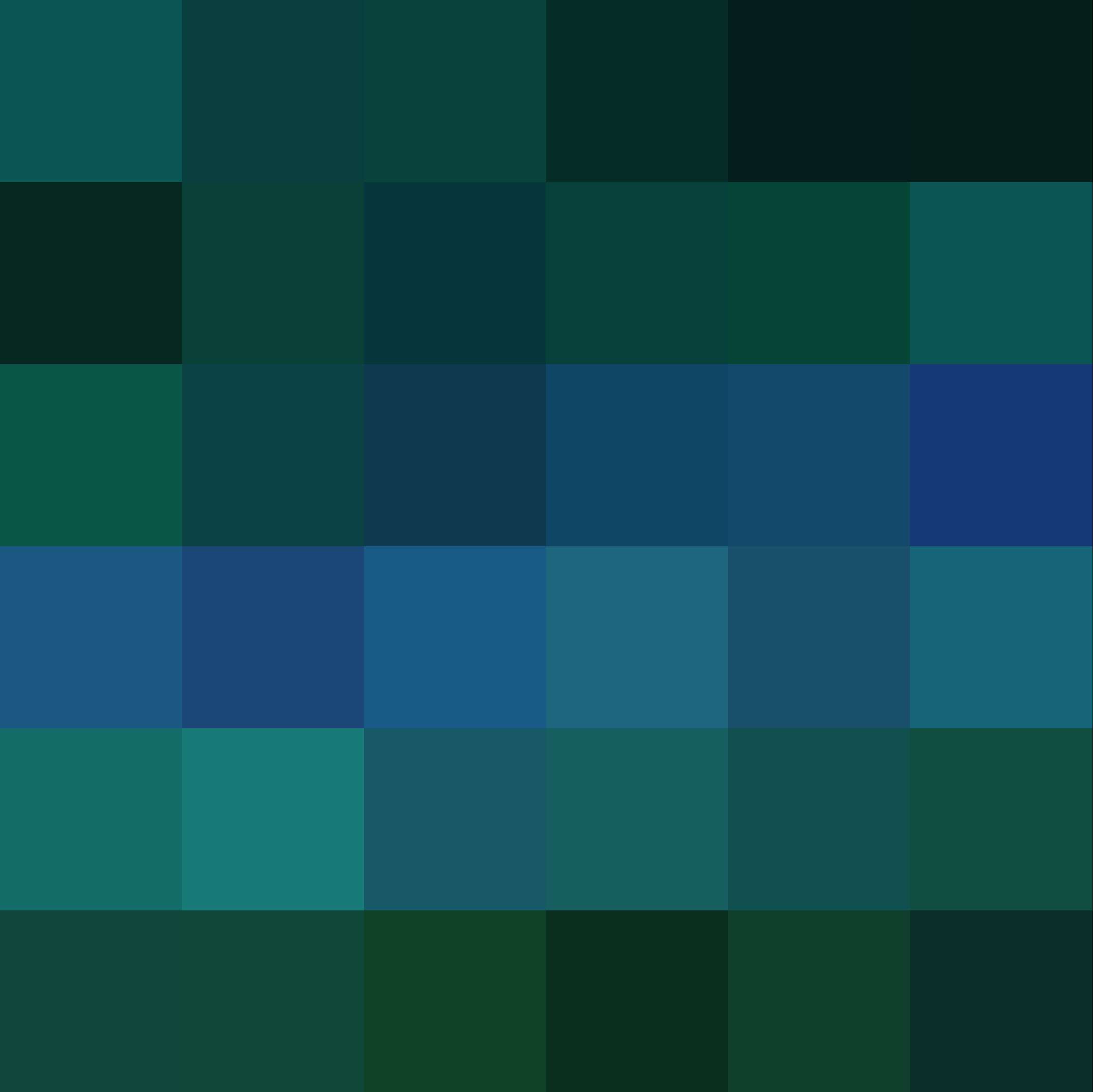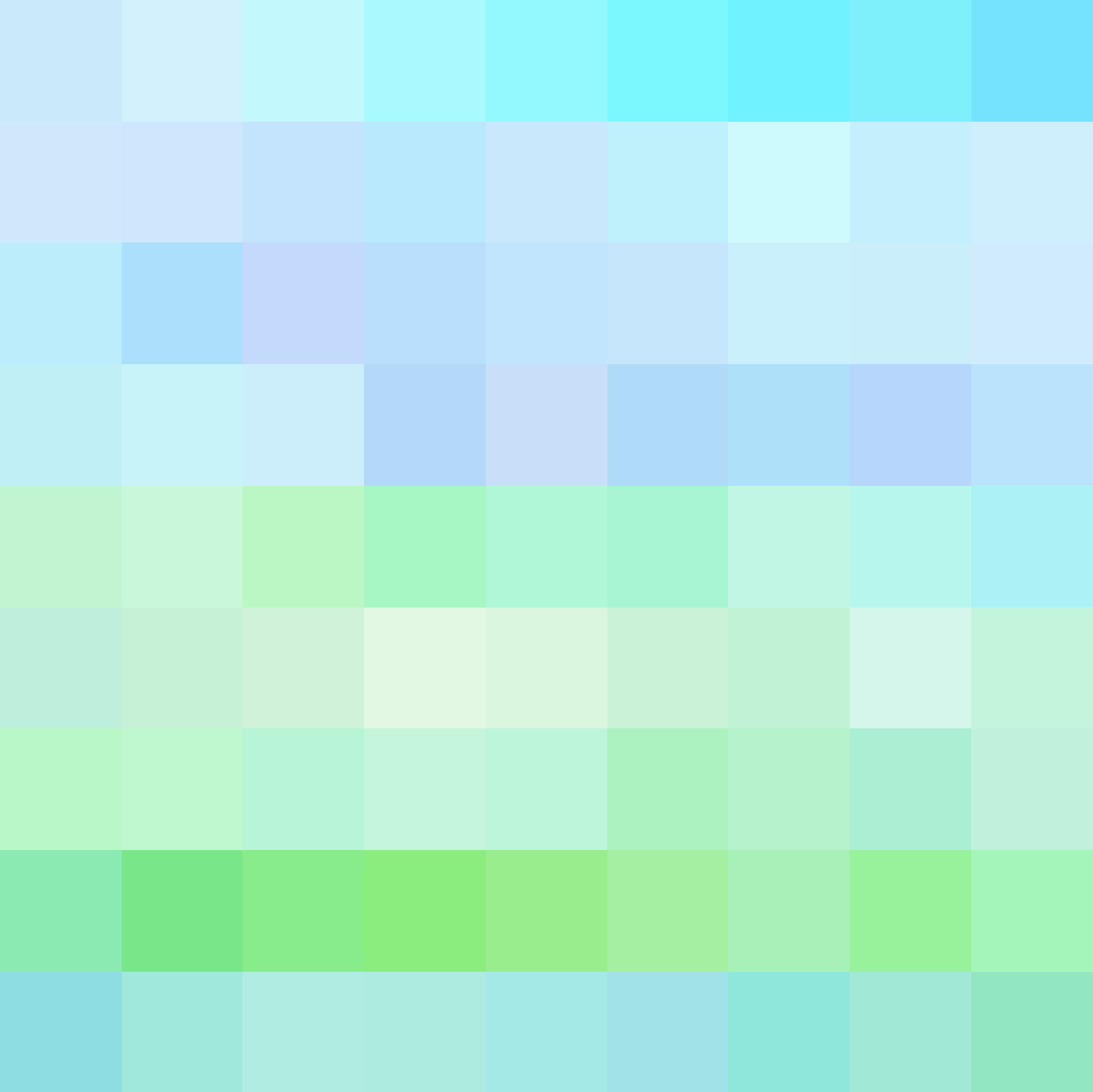
The gradient in this 6 by 6 pixel grid is mostly cyan, but it also has quite some blue, and some green in it.
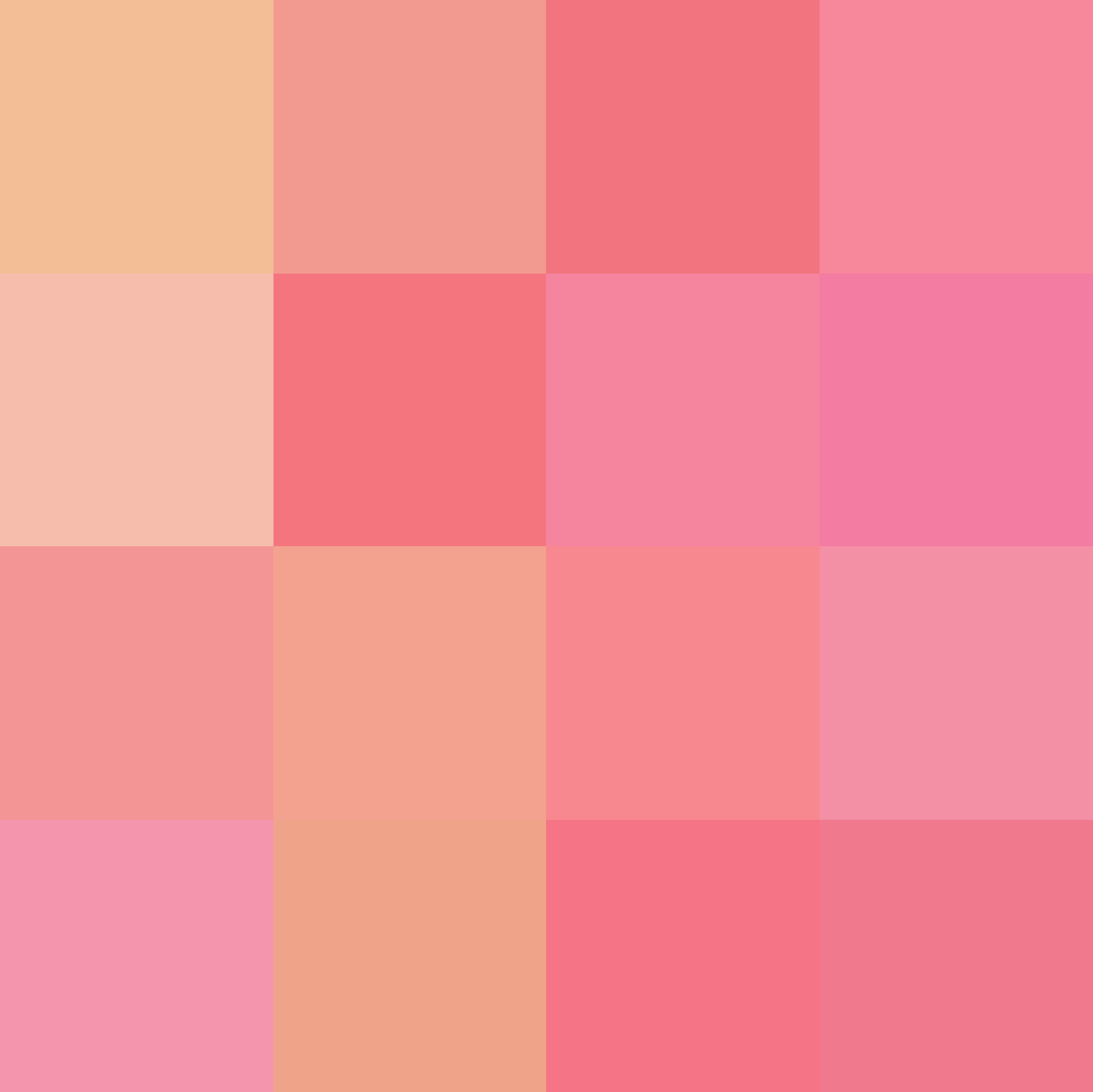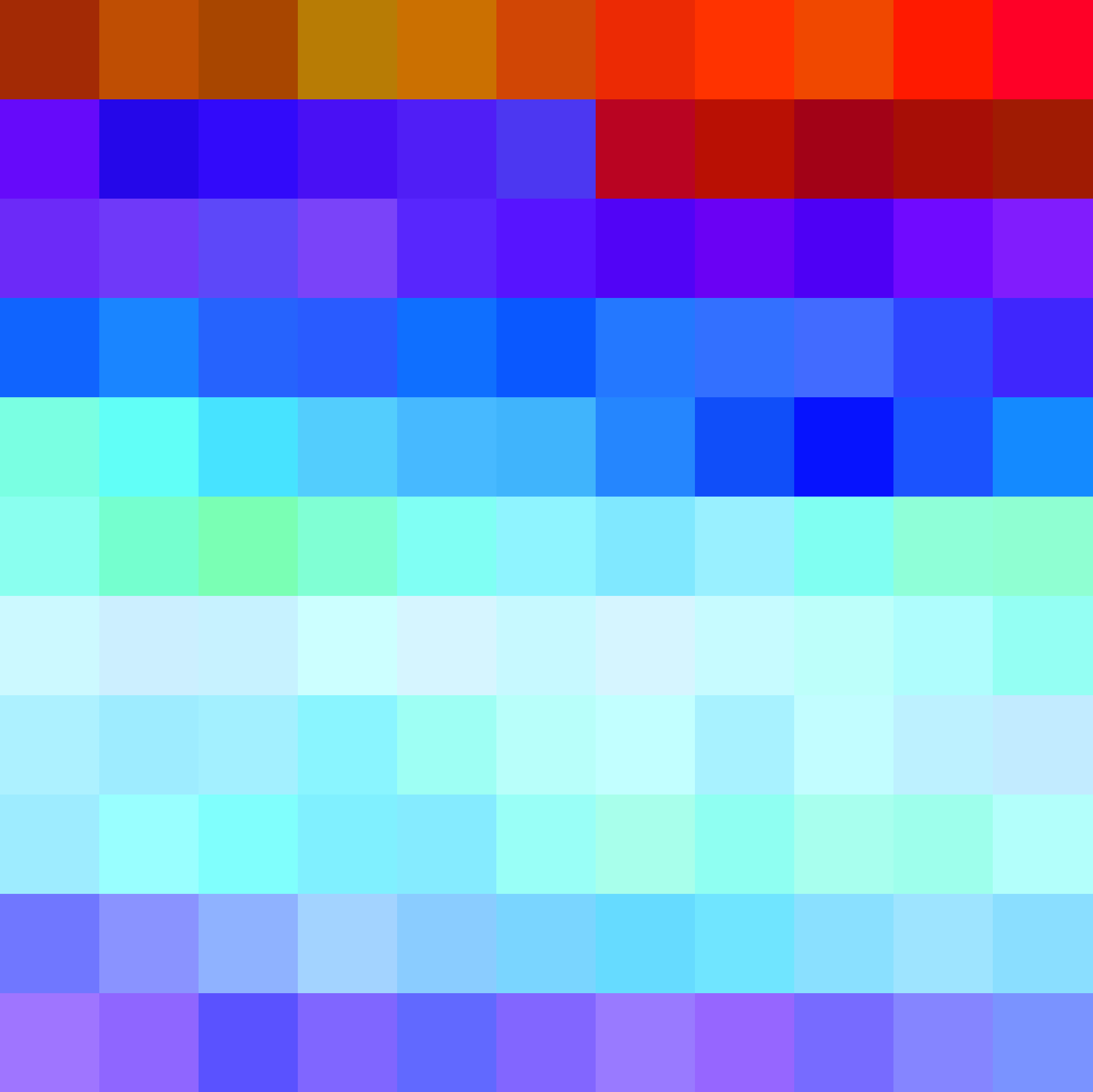
The gradient in this 4 by 4 pixel grid is mostly red, but it also has a little bit of orange, and a little bit of rose in it.

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

The gradient in this 9 by 9 pixel grid is mostly green, and it also has quite some blue, and quite some cyan in it.
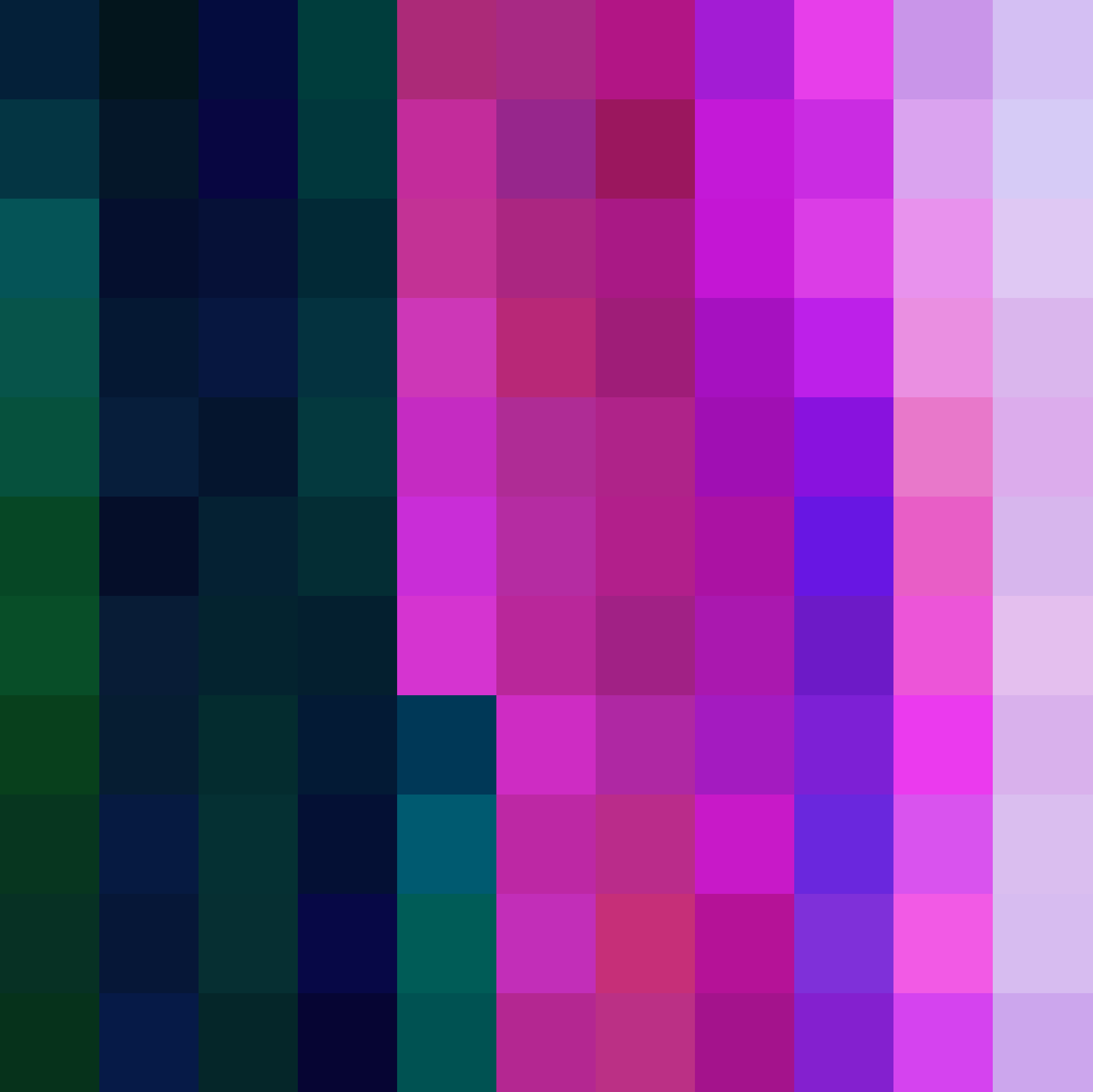
An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, but it also has quite some blue, some indigo, a bit of red, a little bit of orange, a little bit of green, and a little bit of violet in it.

The gradient in this 7 by 7 pixel grid is mostly green, and it also has some cyan, and a tiny bit of blue in it.

A grid with 81 coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has quite some orange in it.

This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly magenta, but it also has quite some blue, some purple, some cyan, a little bit of green, a little bit of violet, a tiny bit of indigo, and a tiny bit of rose in it.
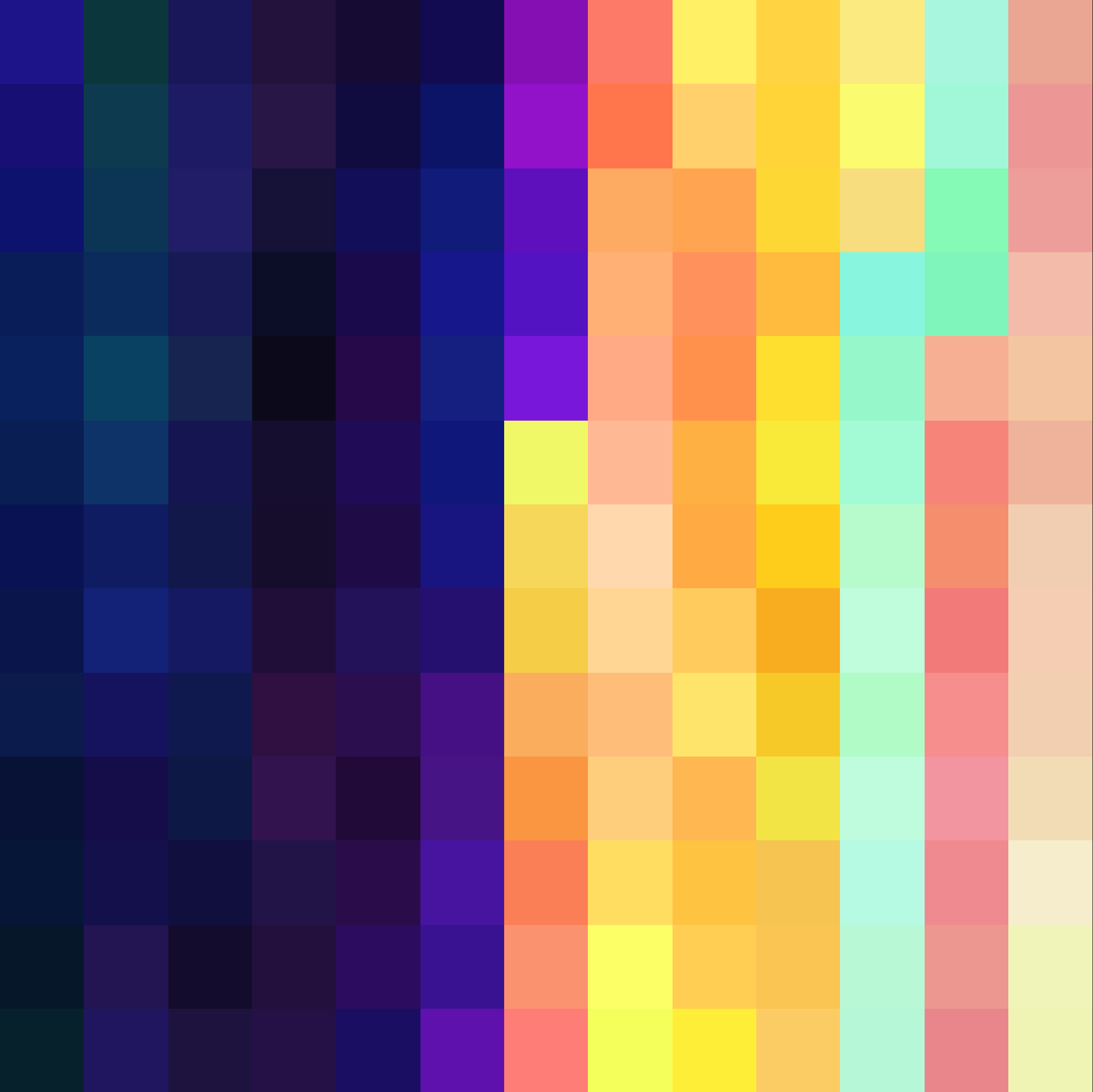
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, but it also has some blue, some indigo, some yellow, a bit of red, a bit of violet, a bit of green, a little bit of purple, and a tiny bit of cyan in it.
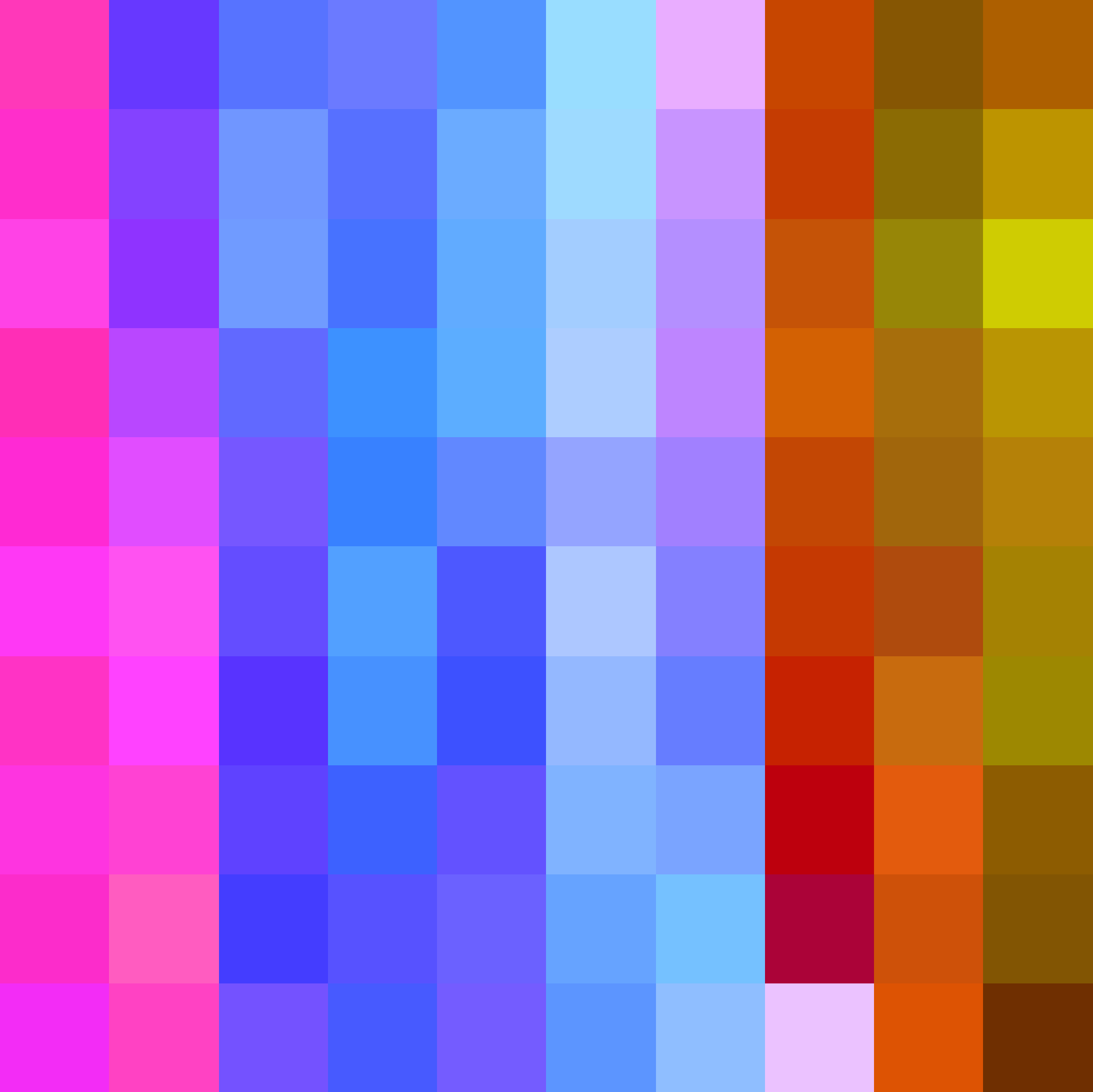
A grid with 100 coloured squares that form a colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, quite some yellow, a bit of green, and a little bit of lime in it.

A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has a bit of indigo, a bit of green, a bit of blue, a bit of orange, a little bit of yellow, a tiny bit of violet, and a tiny bit of lime in it.
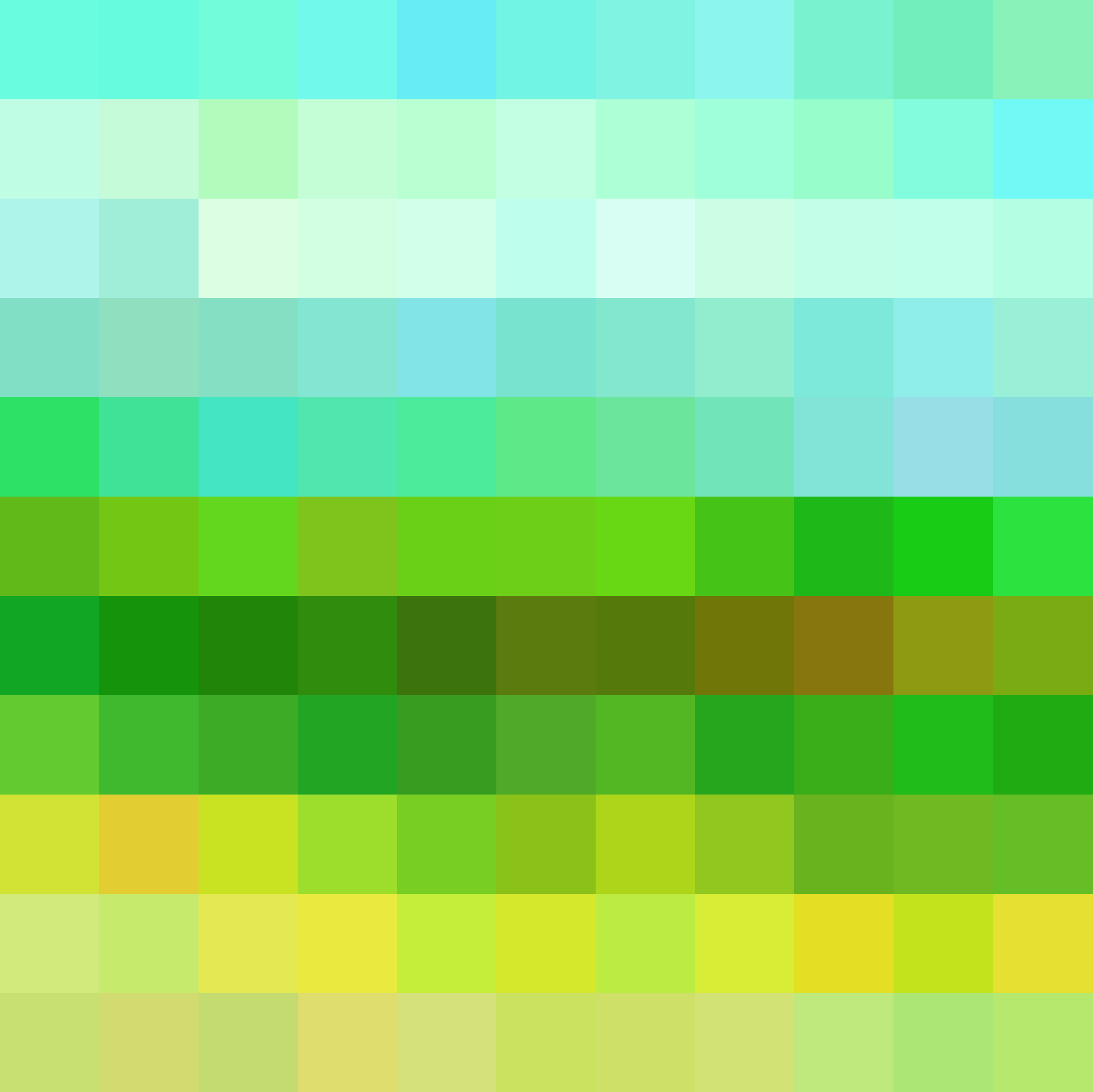
A 10 by 10 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some orange, some magenta, some indigo, a bit of yellow, a little bit of purple, a little bit of violet, a tiny bit of red, and a tiny bit of rose in it.
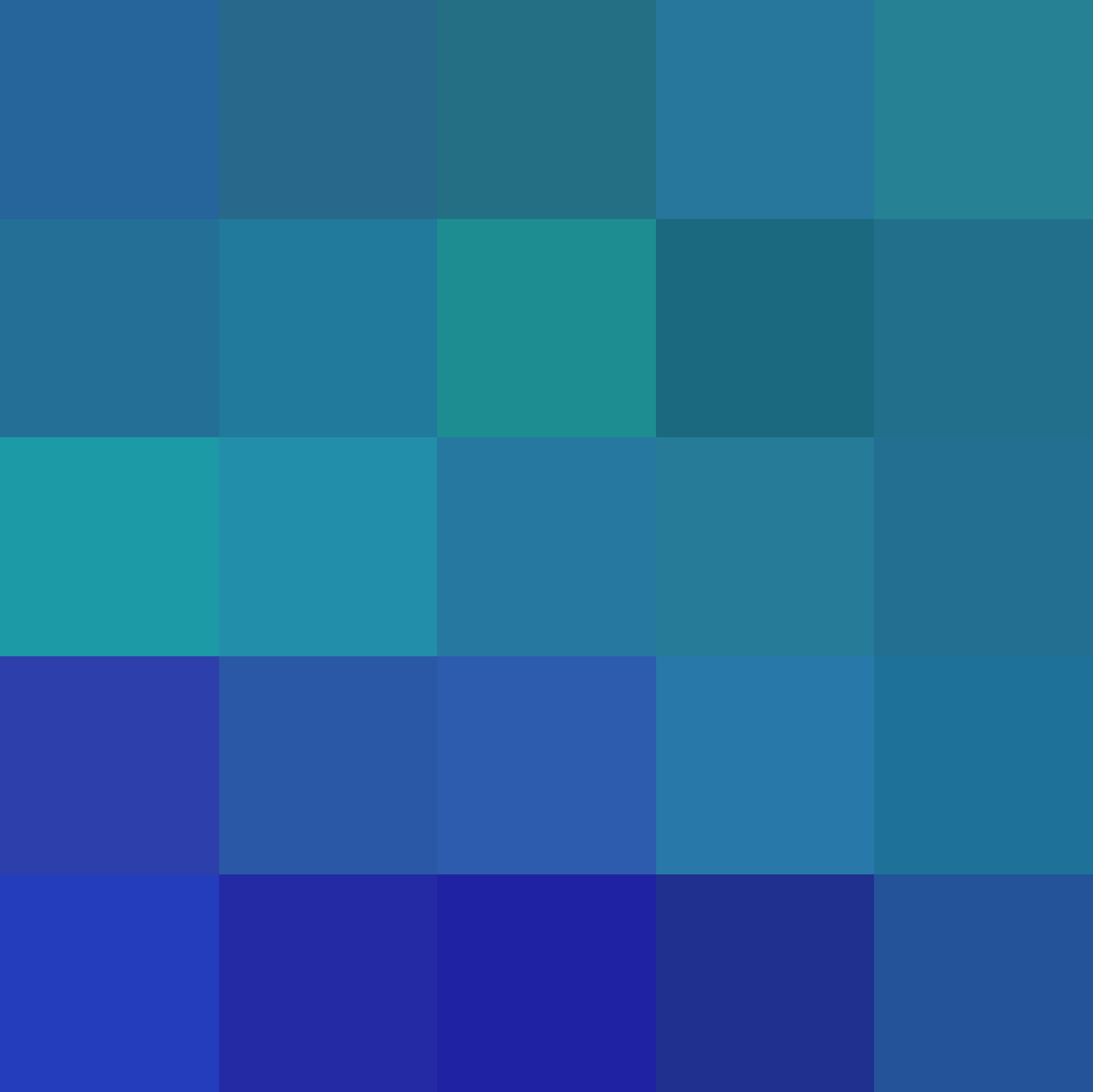
A 7 by 7 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has a bit of blue, a little bit of indigo, a little bit of purple, a little bit of violet, and a little bit of lime in it.
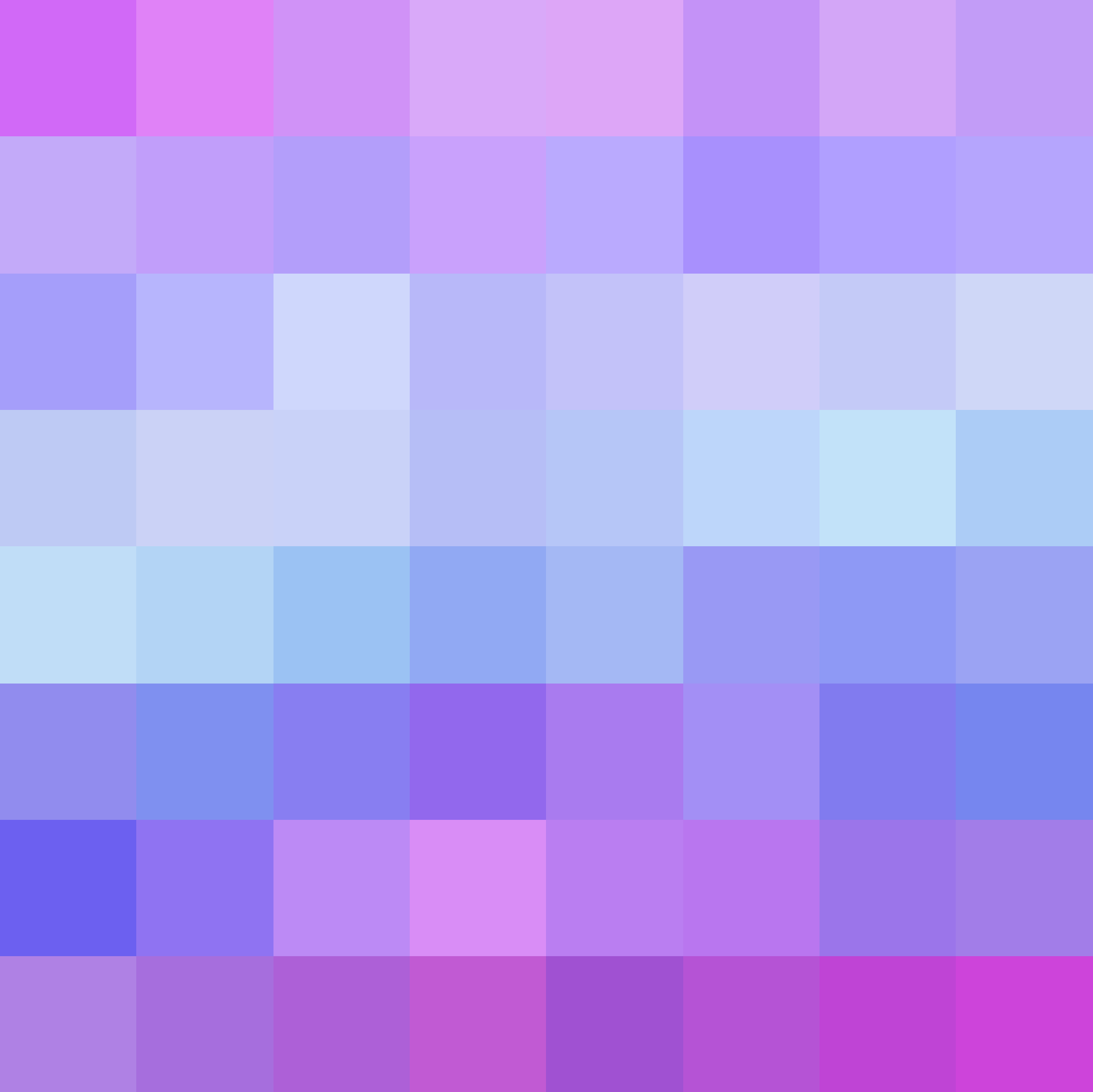
This gradient, generated in this 7 by 7 pixel grid, is mostly green, but it also has some yellow, a little bit of lime, and a tiny bit of orange in it.
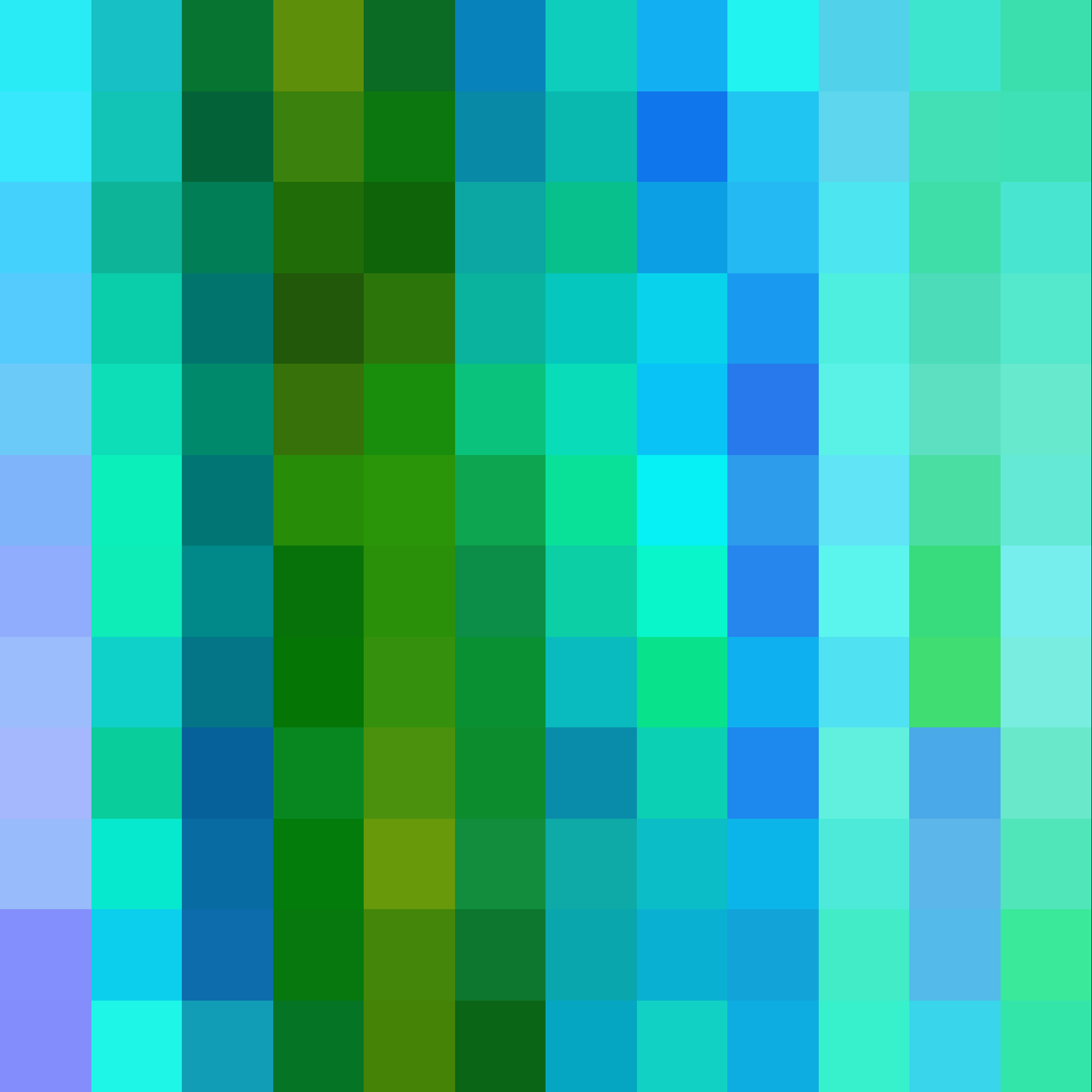
This pixel gradient—it is 11 cells wide, 11 cells high—is mostly green, but it also has some cyan, some yellow, and a bit of lime in it.

There's a two tone pixel gradient in this 5 by 5 grid. It is mostly blue, but it also has quite some cyan in it.

A colourful grid of 64 blocks. It's mostly blue, but it also has quite some indigo, quite some purple, some violet, and a tiny bit of magenta 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 quite some blue in it.
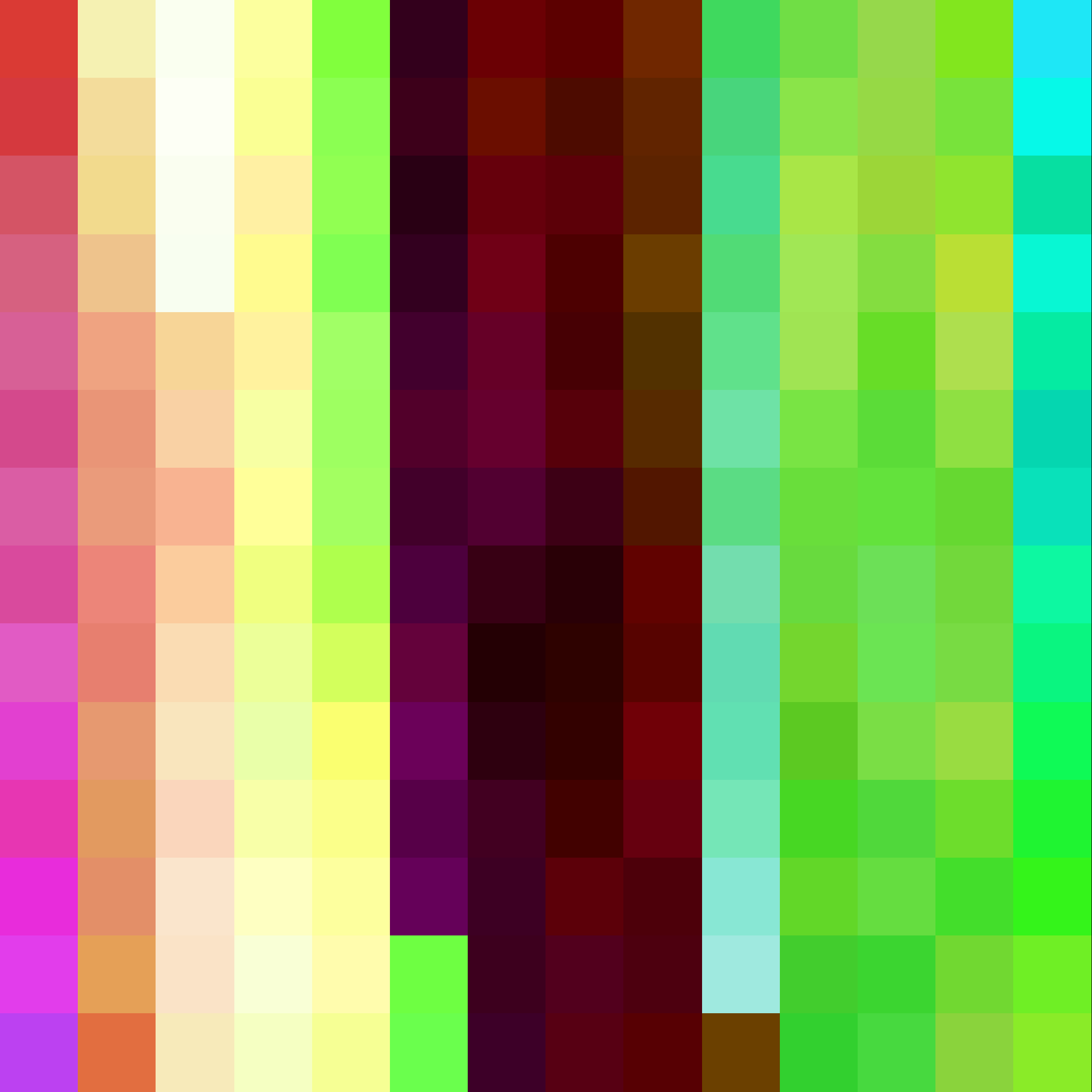
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, and it also has some red, some orange, some yellow, a bit of magenta, a bit of rose, a little bit of cyan, a tiny bit of lime, and a tiny bit of purple in it.
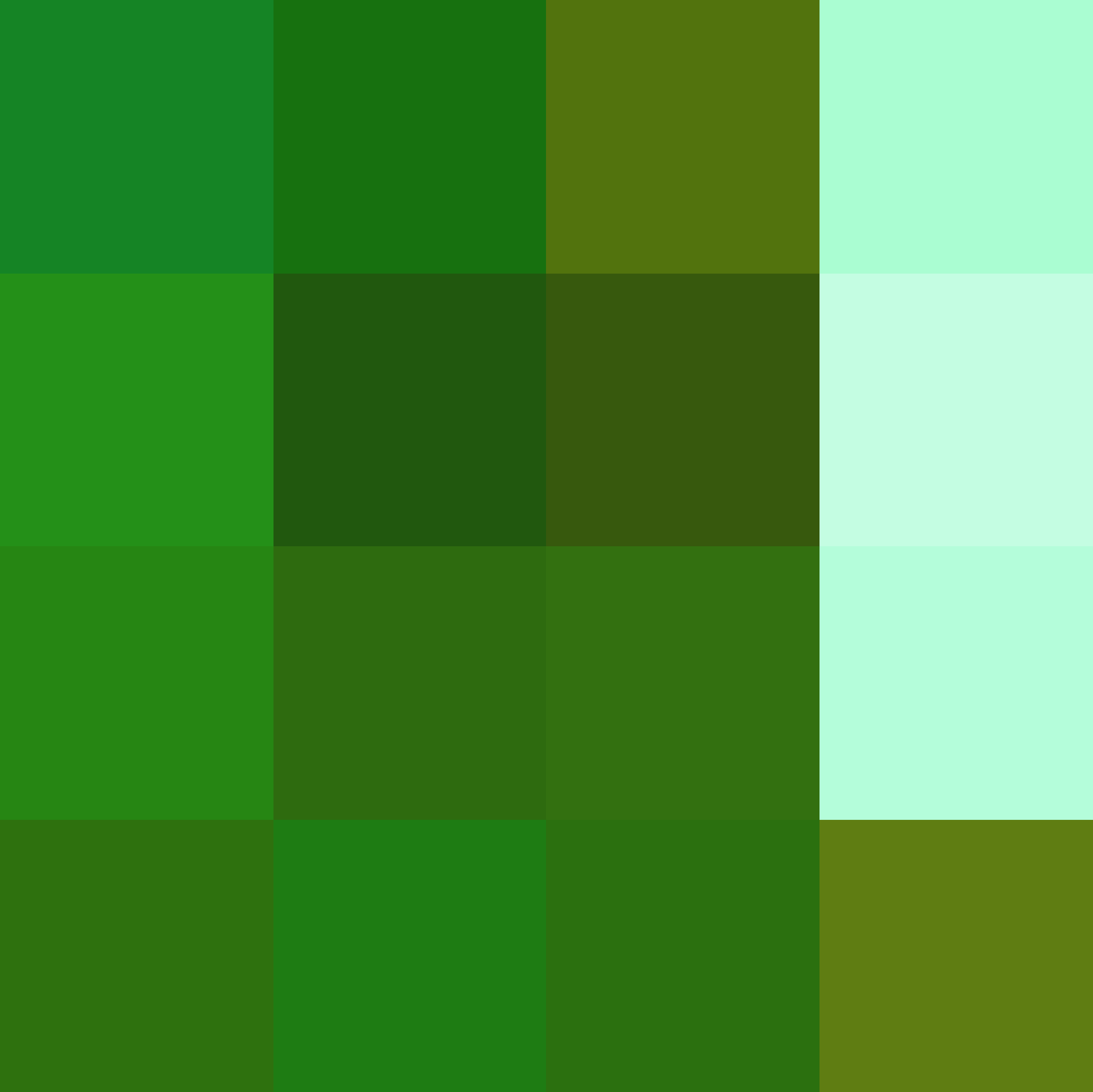
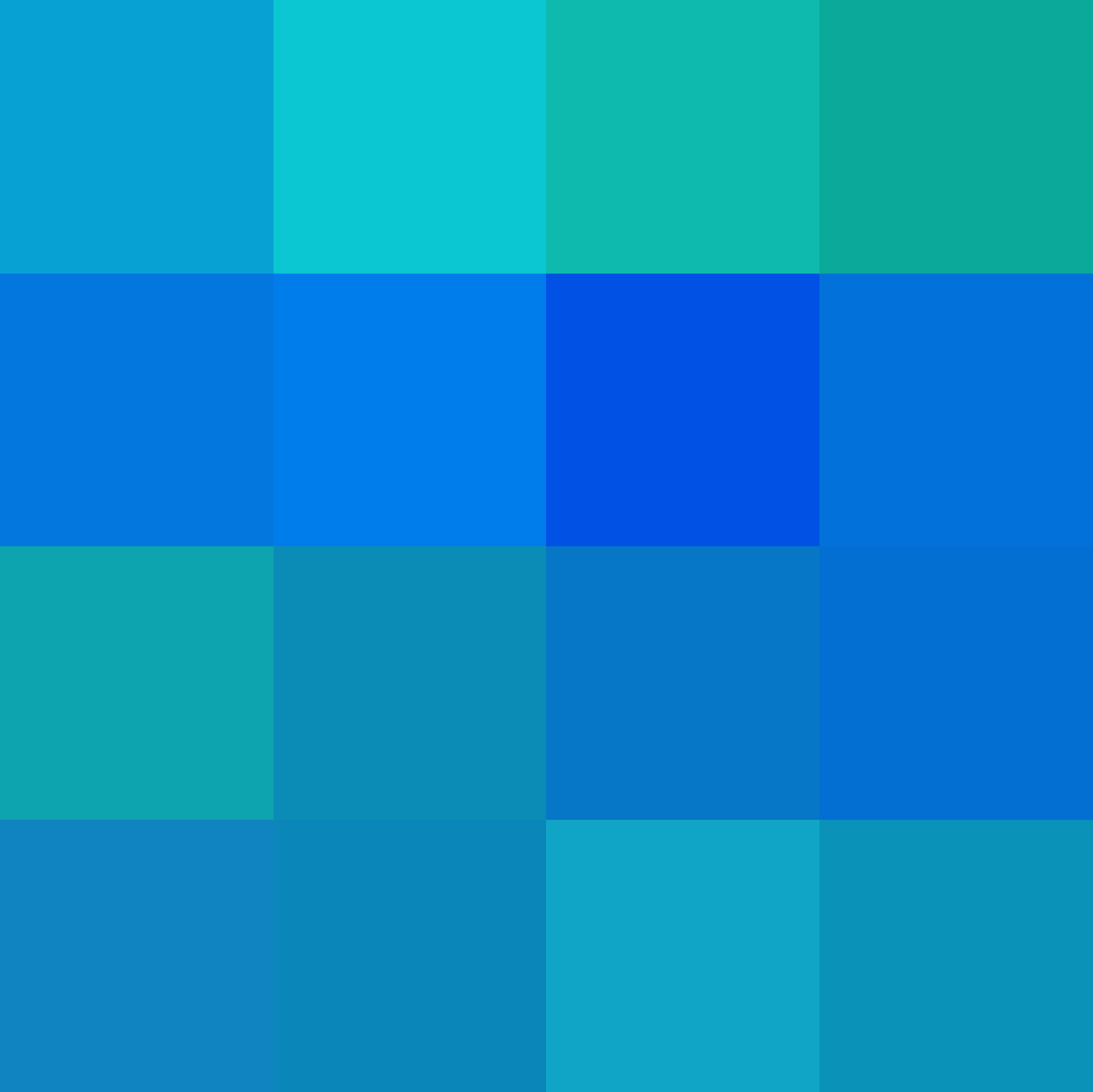Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly green, but it also has some lime in it.

A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has quite some cyan in it.

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

The gradient in this 7 by 7 pixel grid is mostly blue, and it also has quite some green, quite some cyan, and a little bit of indigo in it.
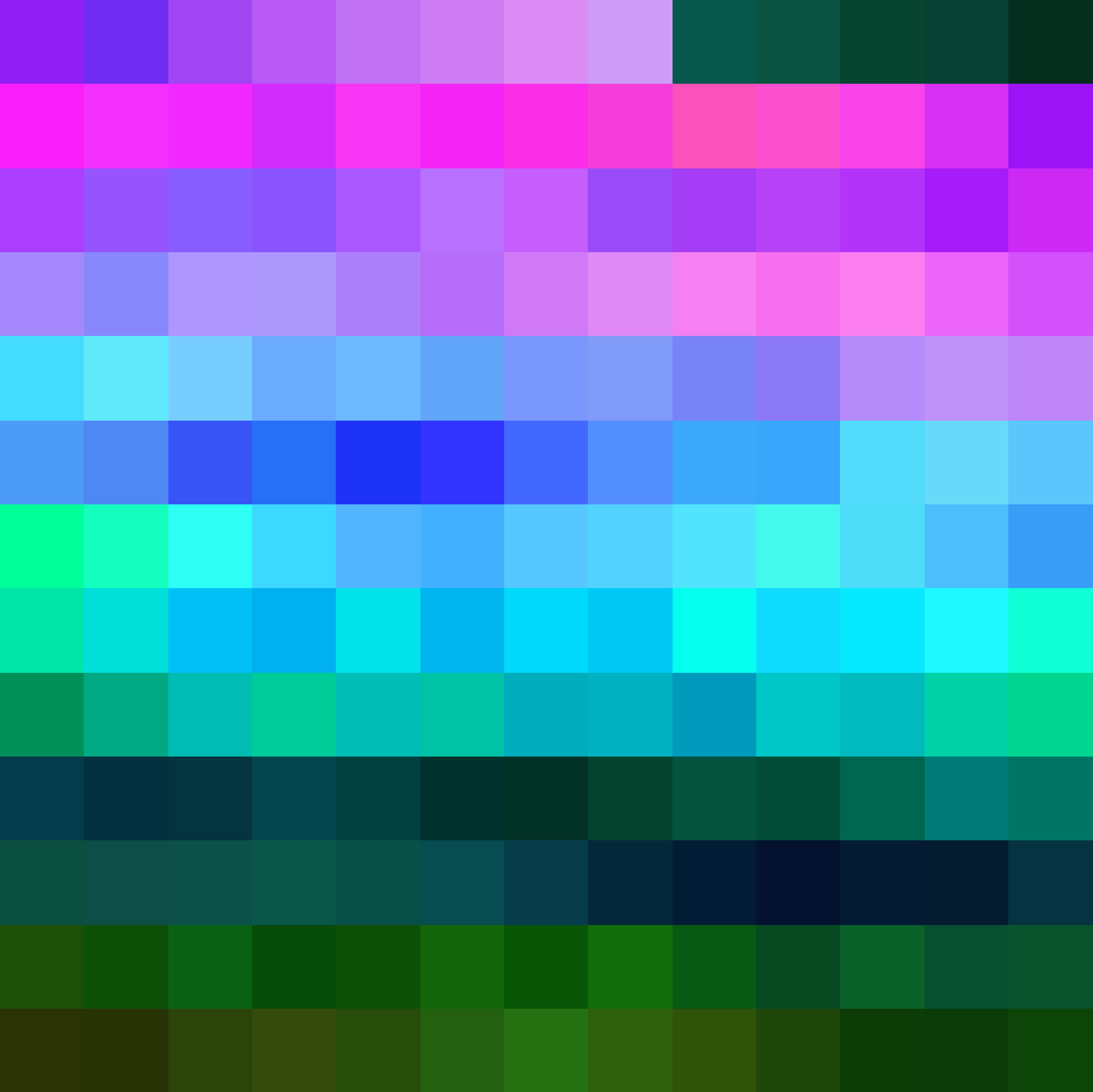
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, quite some green, some purple, a bit of magenta, a little bit of violet, a little bit of indigo, a tiny bit of lime, and a tiny bit of yellow in it.
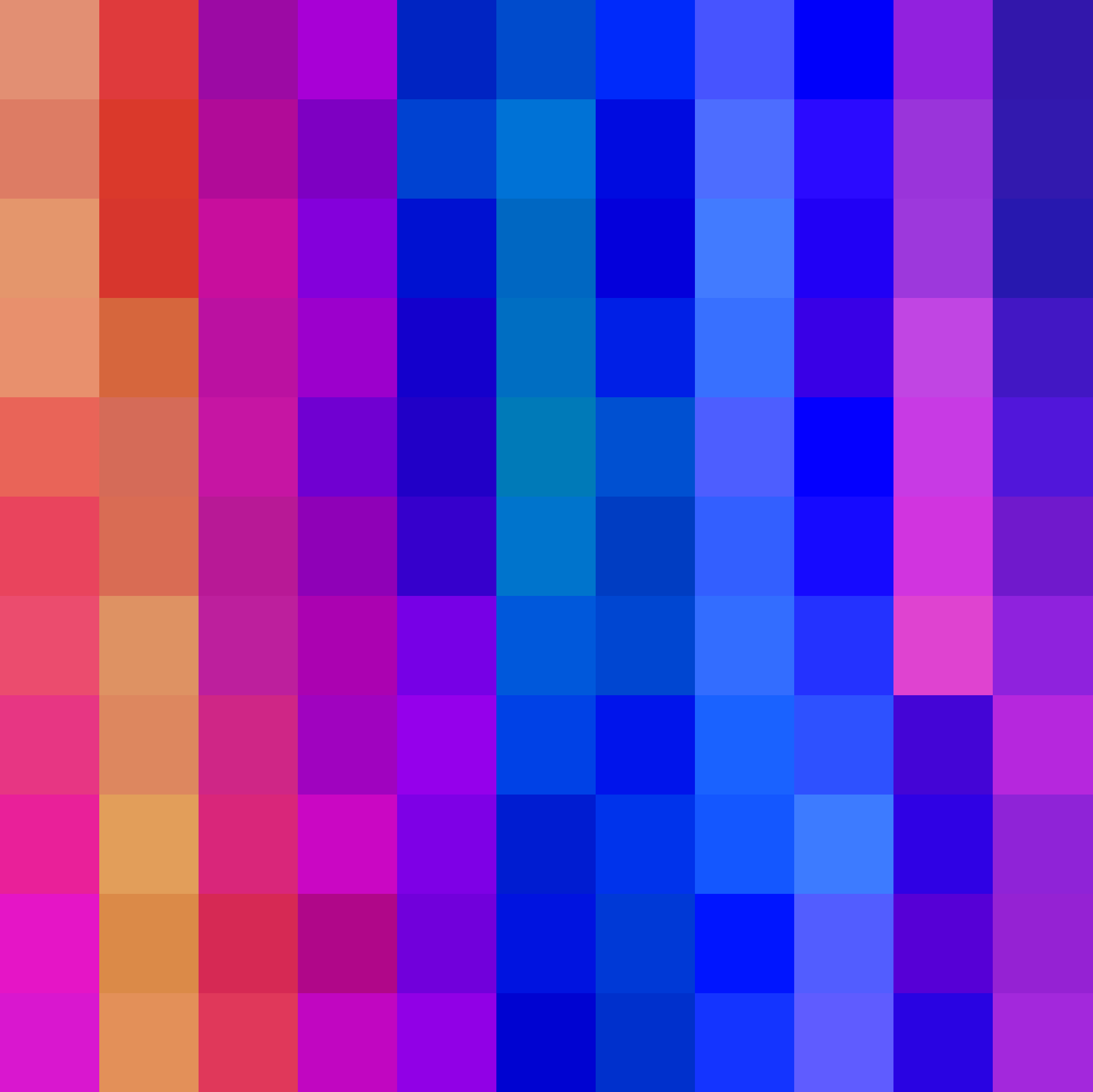
The very, very colourful gradient in this 11 by 11 pixel grid is mostly blue, and it also has some purple, some indigo, some magenta, a bit of red, a bit of orange, a tiny bit of rose, and a tiny bit of violet in it.
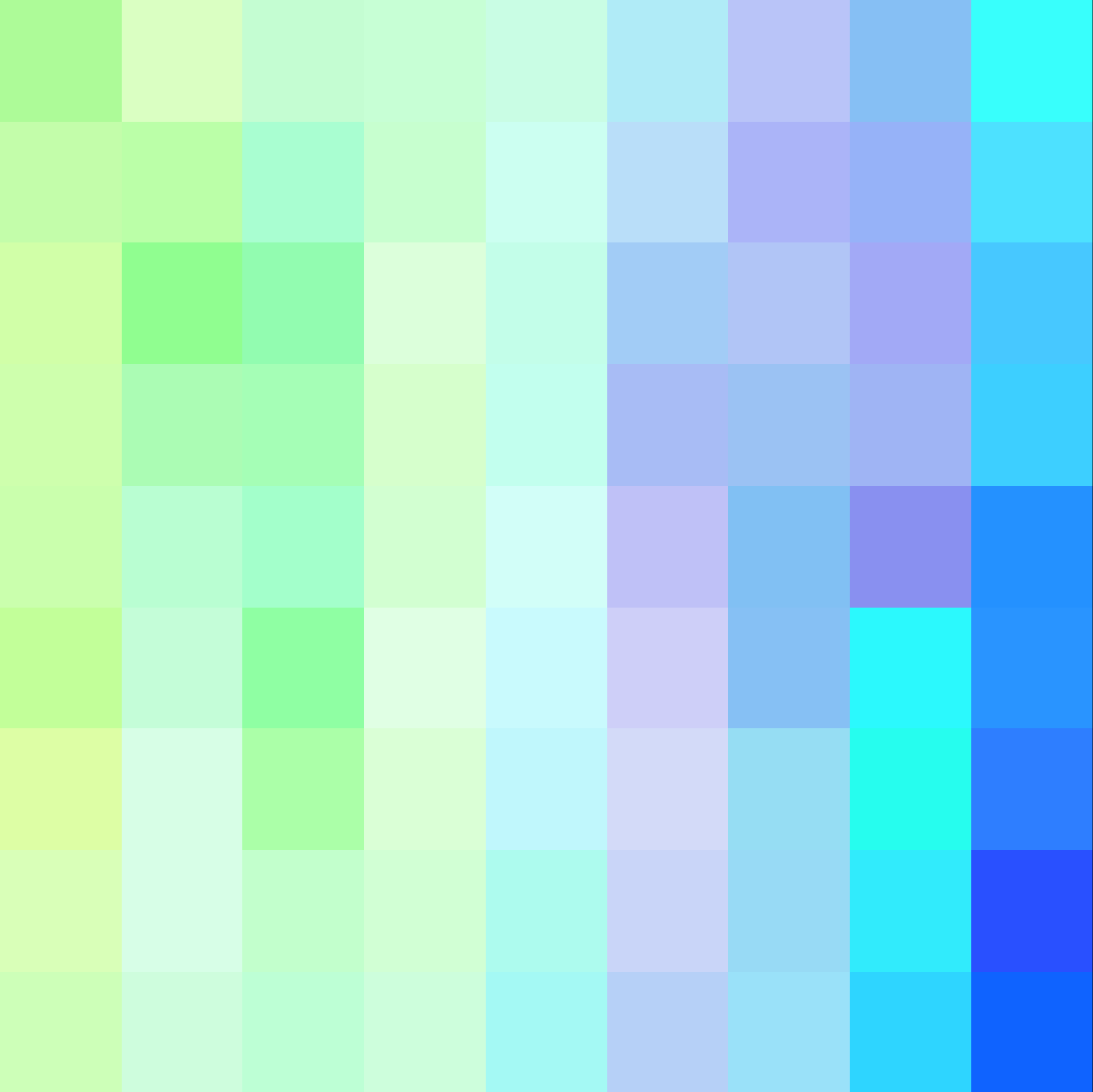
A grid of 81 blocks. It's mostly green, but it also has quite some blue, and some cyan in it.

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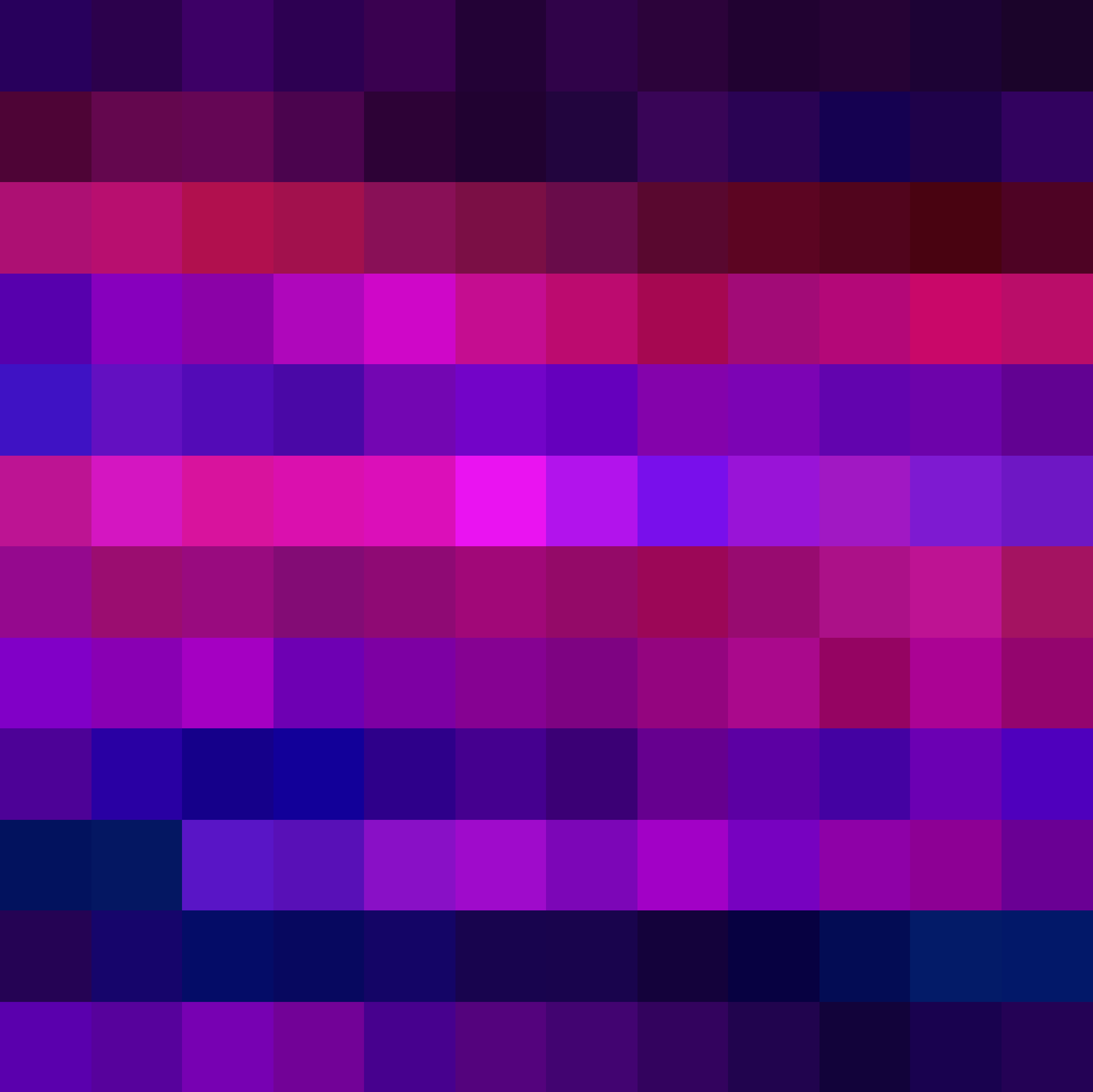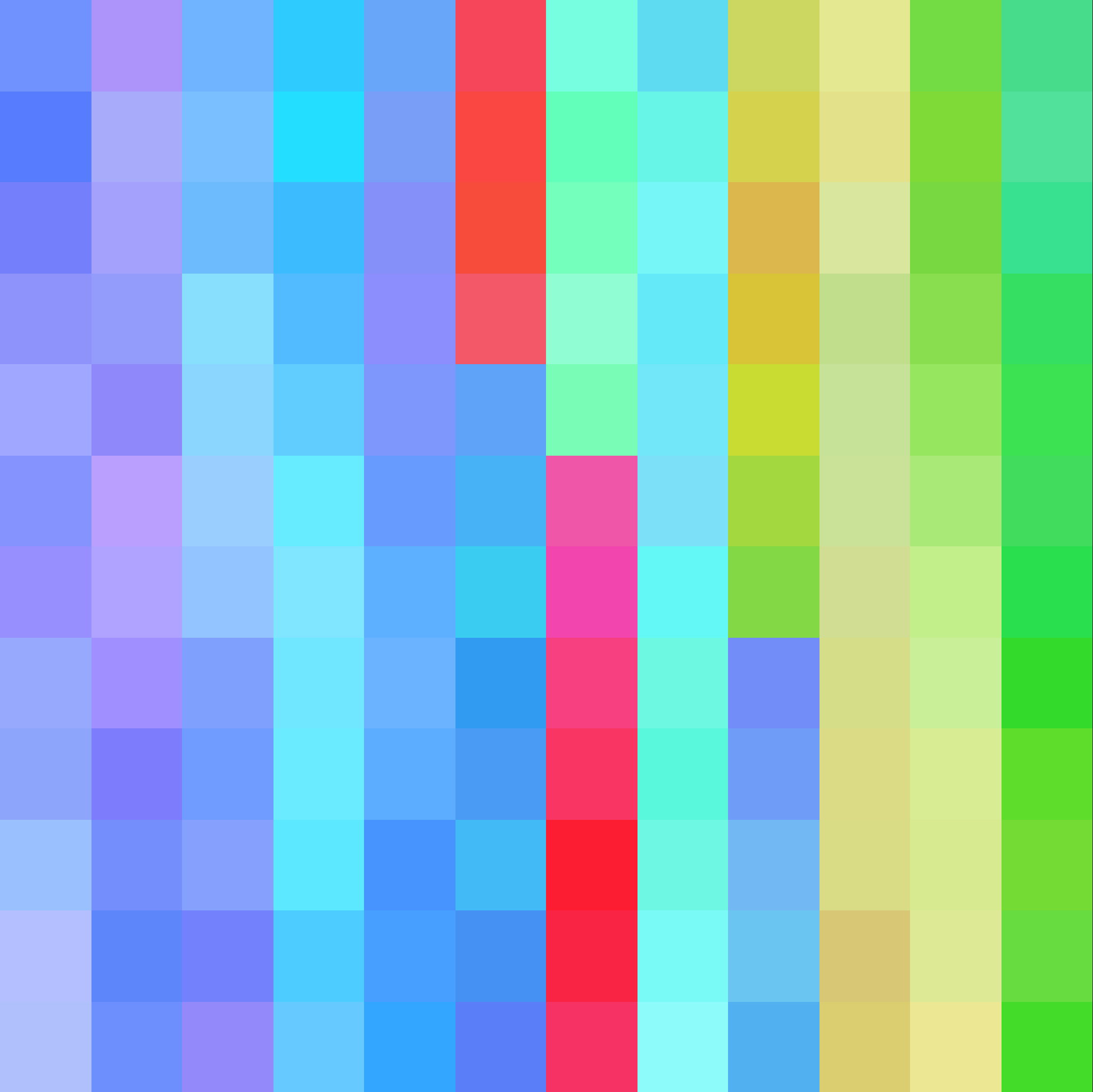
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some green, some cyan, a bit of yellow, a little bit of indigo, a little bit of red, a tiny bit of lime, a tiny bit of rose, a tiny bit of magenta, and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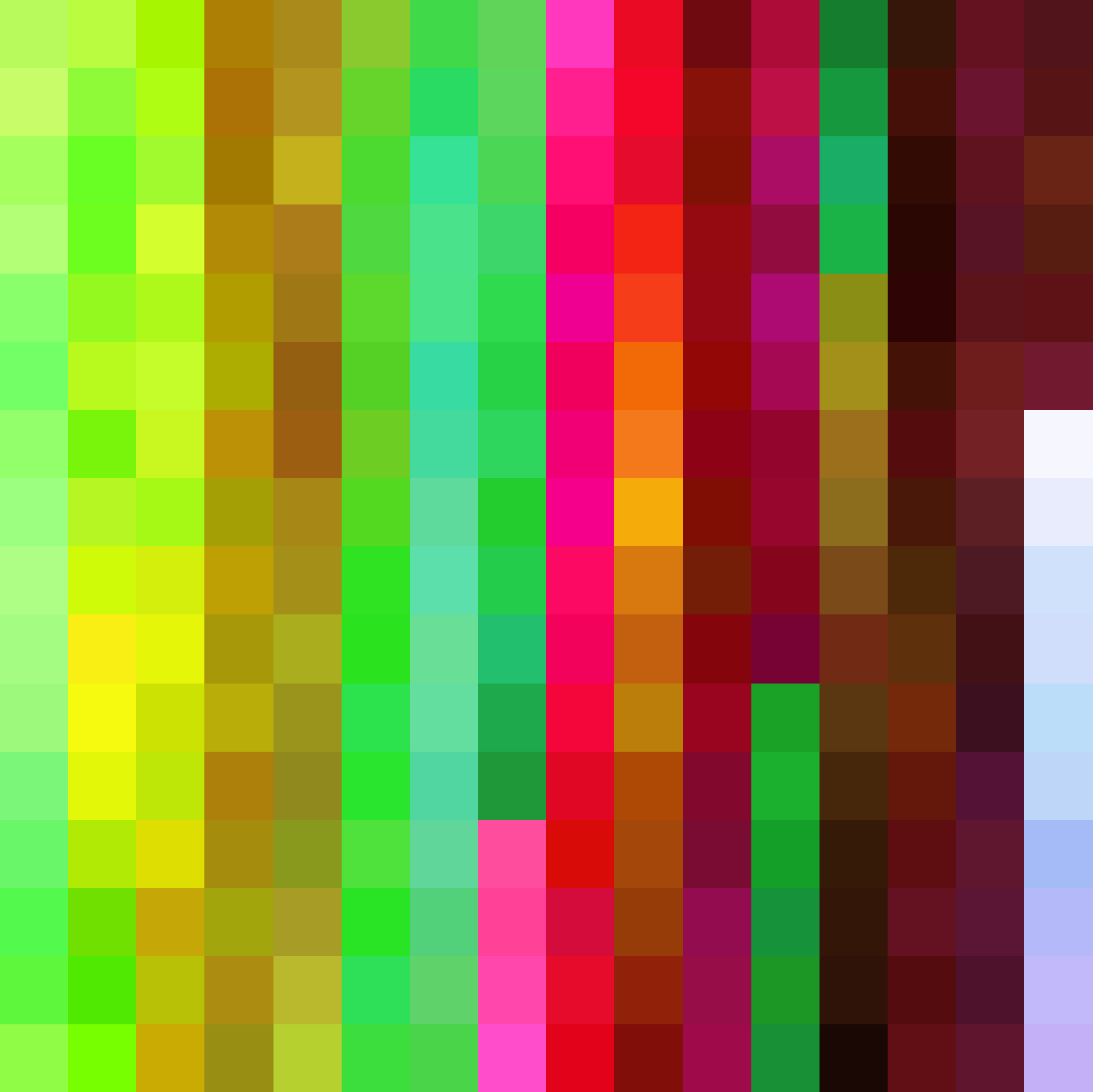
A very, very colourful grid of 256 blocks. It's mostly green, and it also has quite some red, some yellow, some orange, a bit of rose, a little bit of lime, a little bit of blue, a tiny bit of magenta, and a tiny bit of indigo in it.

The cells in this 6 by 6 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some magenta, some indigo, some purple, a little bit of violet, and a little bit of cyan in it.

An 8 by 8 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some red, some yellow, a little bit of magenta, a little bit of lime, a little bit of orange, and a little bit of rose in it.
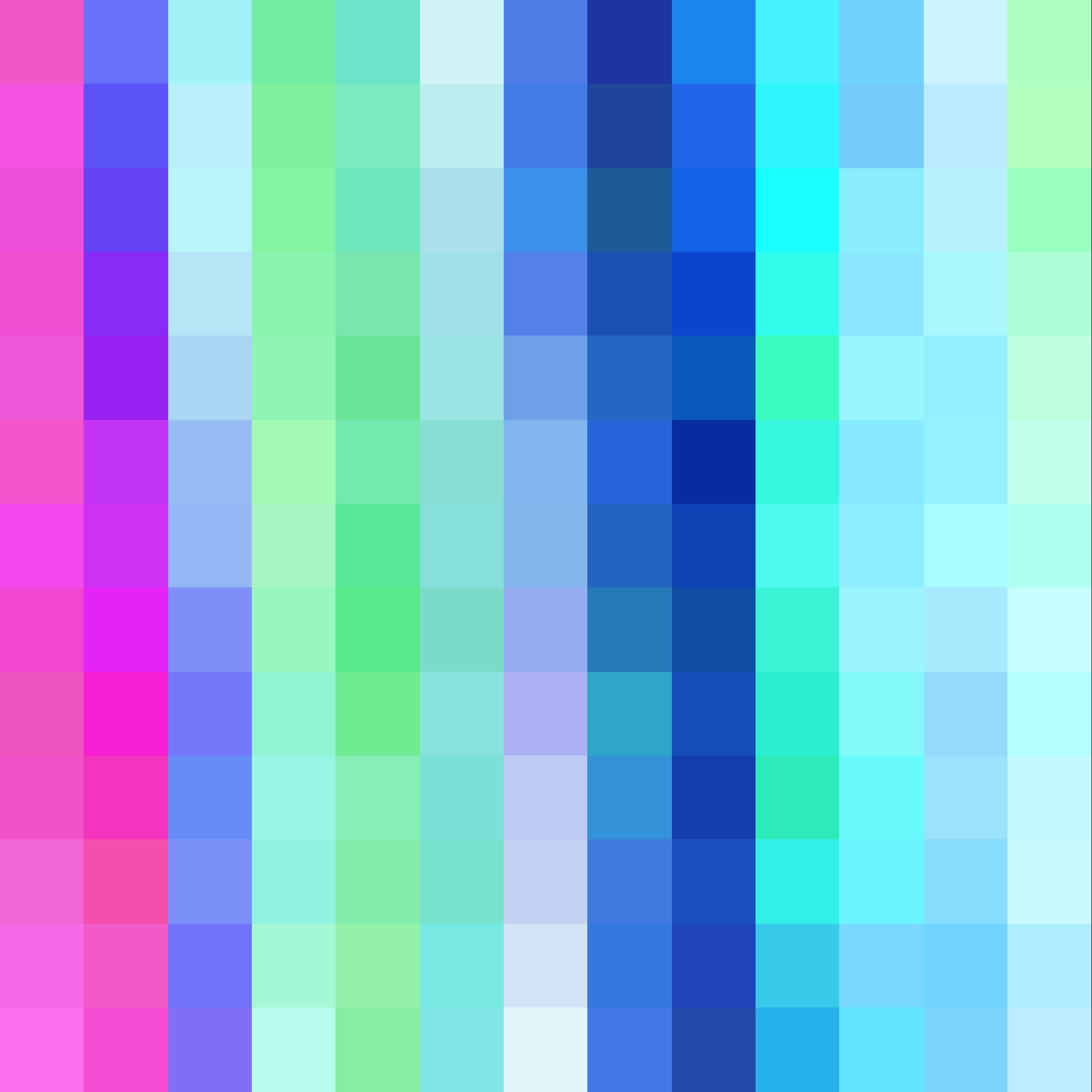
The cells in this 13 by 13 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some cyan, some green, some magenta, a tiny bit of purple, a tiny bit of indigo, and a tiny bit of violet in it.

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

A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has some indigo in it.
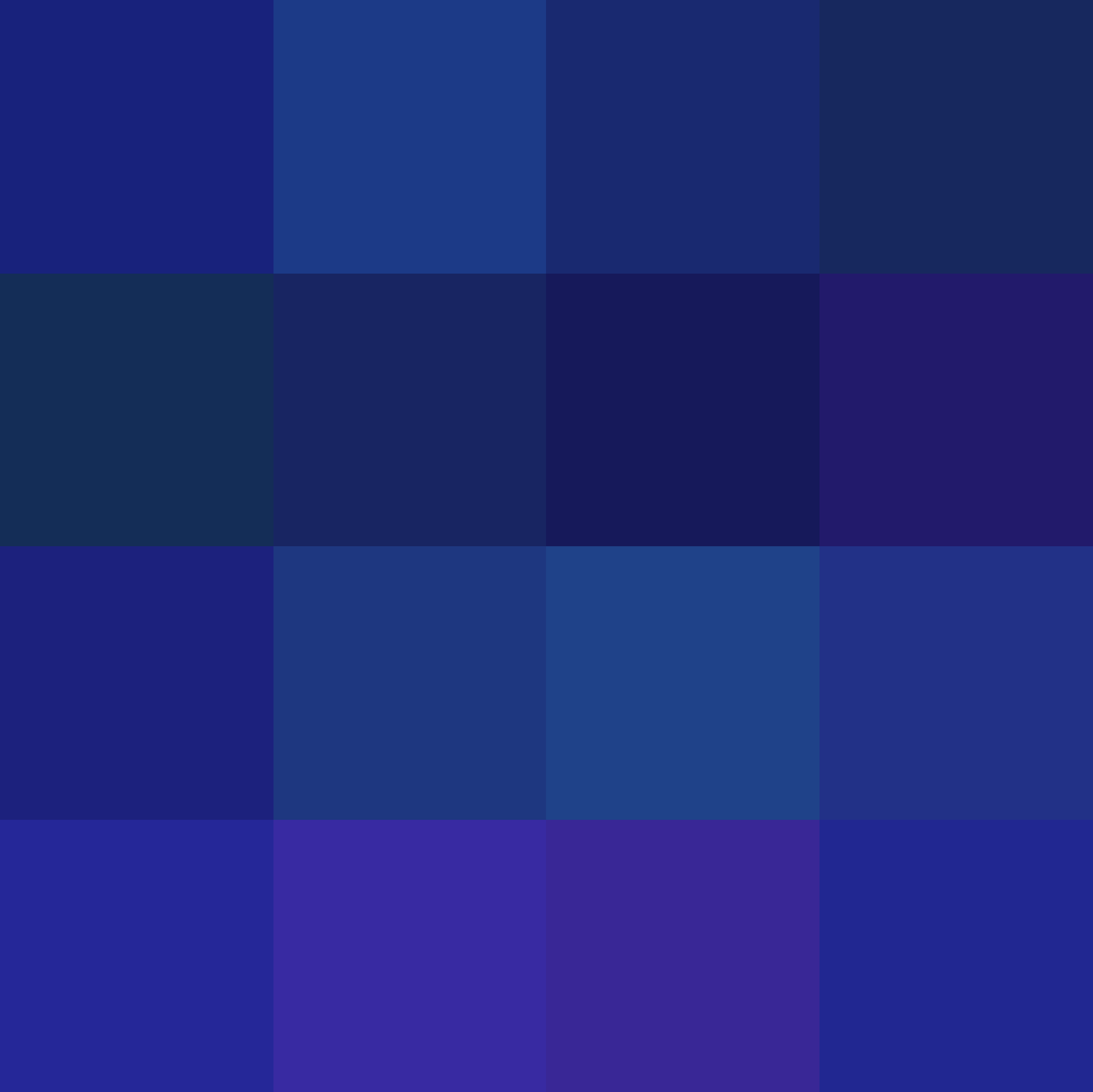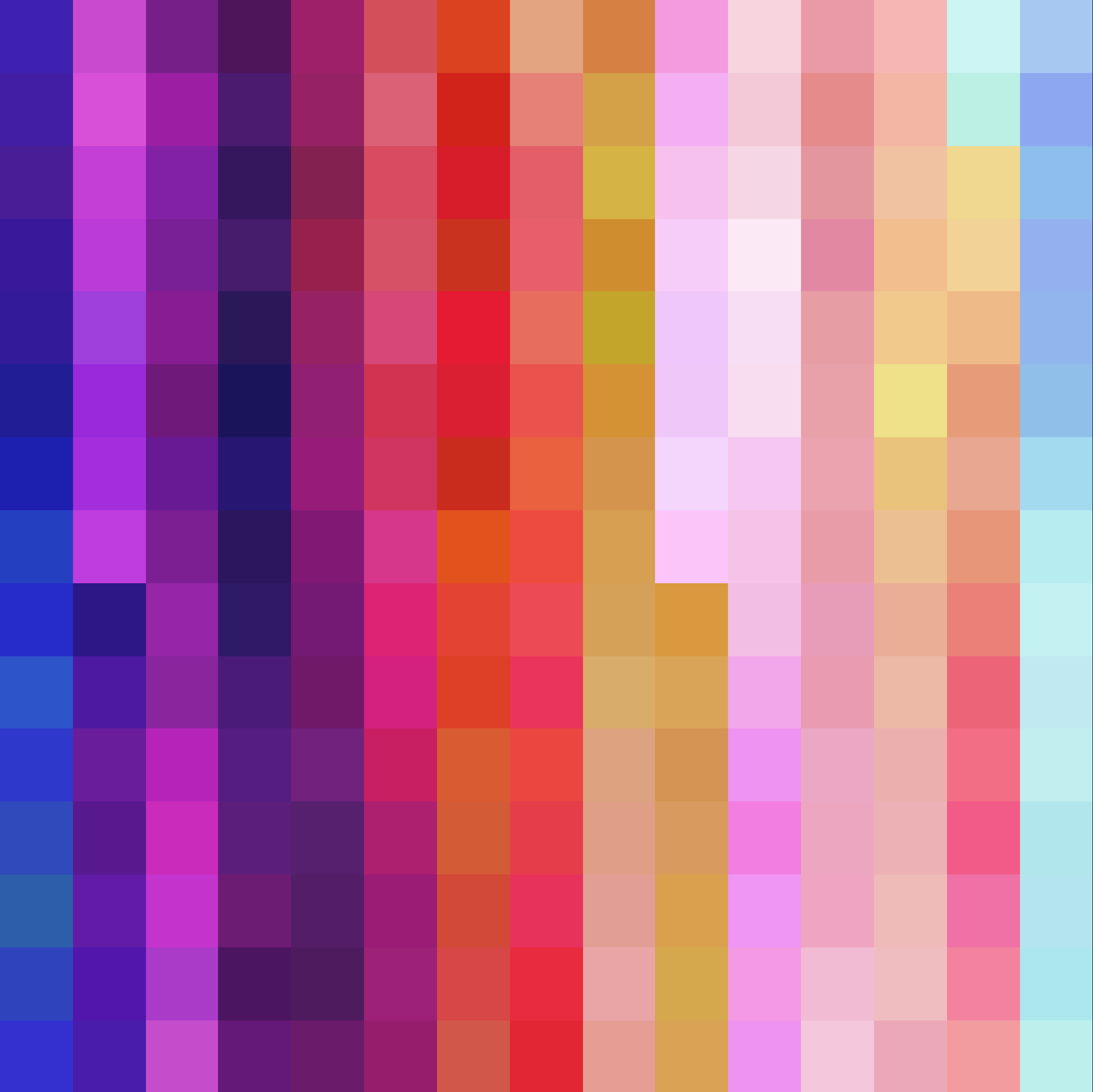
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some magenta, quite some rose, some yellow, and a bit of lime in it.

Here's a 12 by 12 pixelated grid that forms a colourful gradient. It is mostly red, and it also has quite some orange, a bit of green, a bit of yellow, and a tiny bit of lime in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, but it also has some magenta, some orange, some purple, a bit of rose, a bit of blue, a little bit of indigo, a little bit of cyan, a little bit of violet, and a tiny bit of yellow in it.
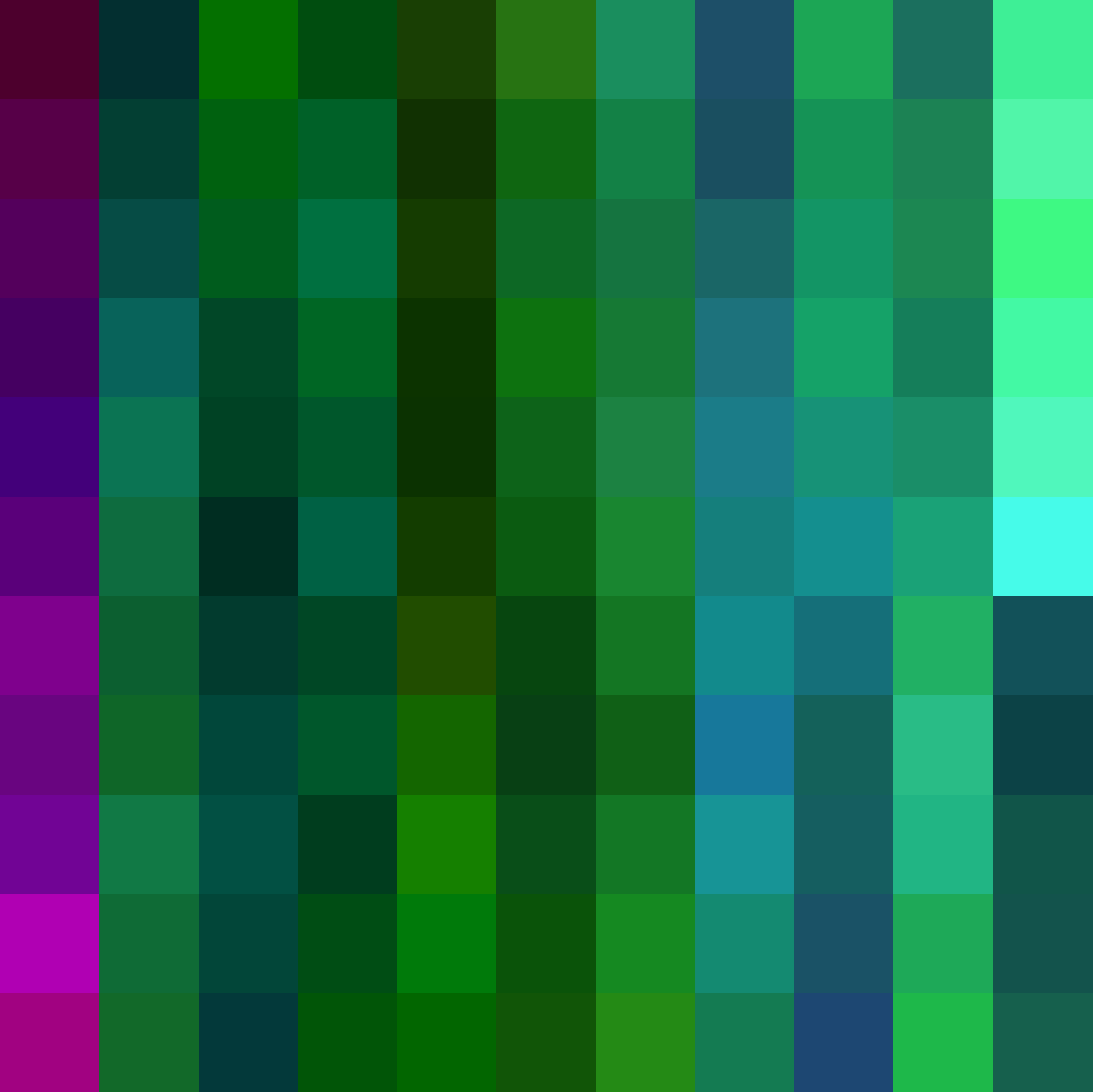
Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly green, and it also has quite some cyan, a little bit of magenta, a little bit of purple, and a little bit of blue in it.
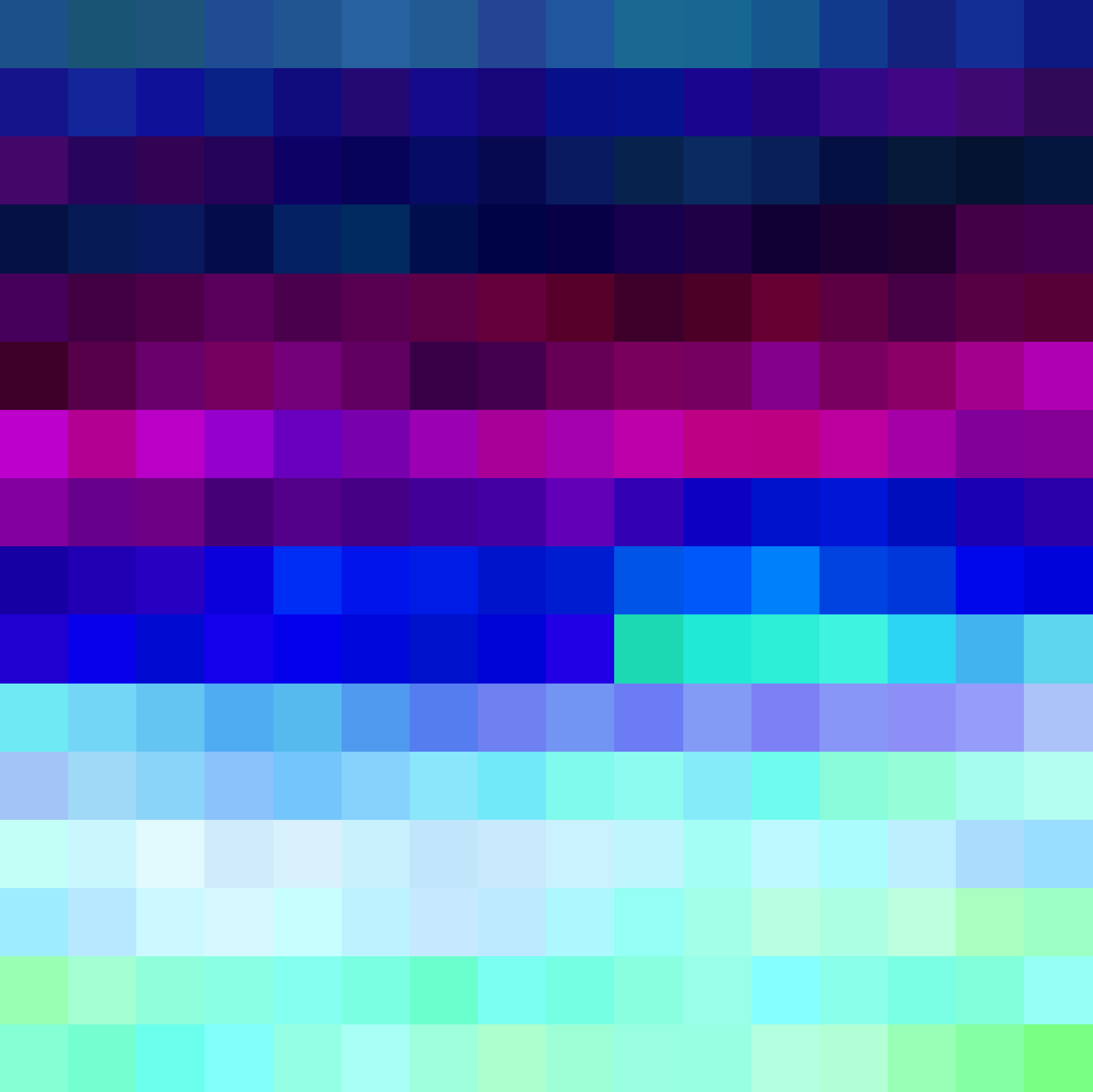
The very, very colourful gradient in this 16 by 16 pixel grid is mostly blue, and it also has some cyan, some magenta, a bit of indigo, a bit of green, a bit of purple, a little bit of violet, and a tiny bit of rose in it.
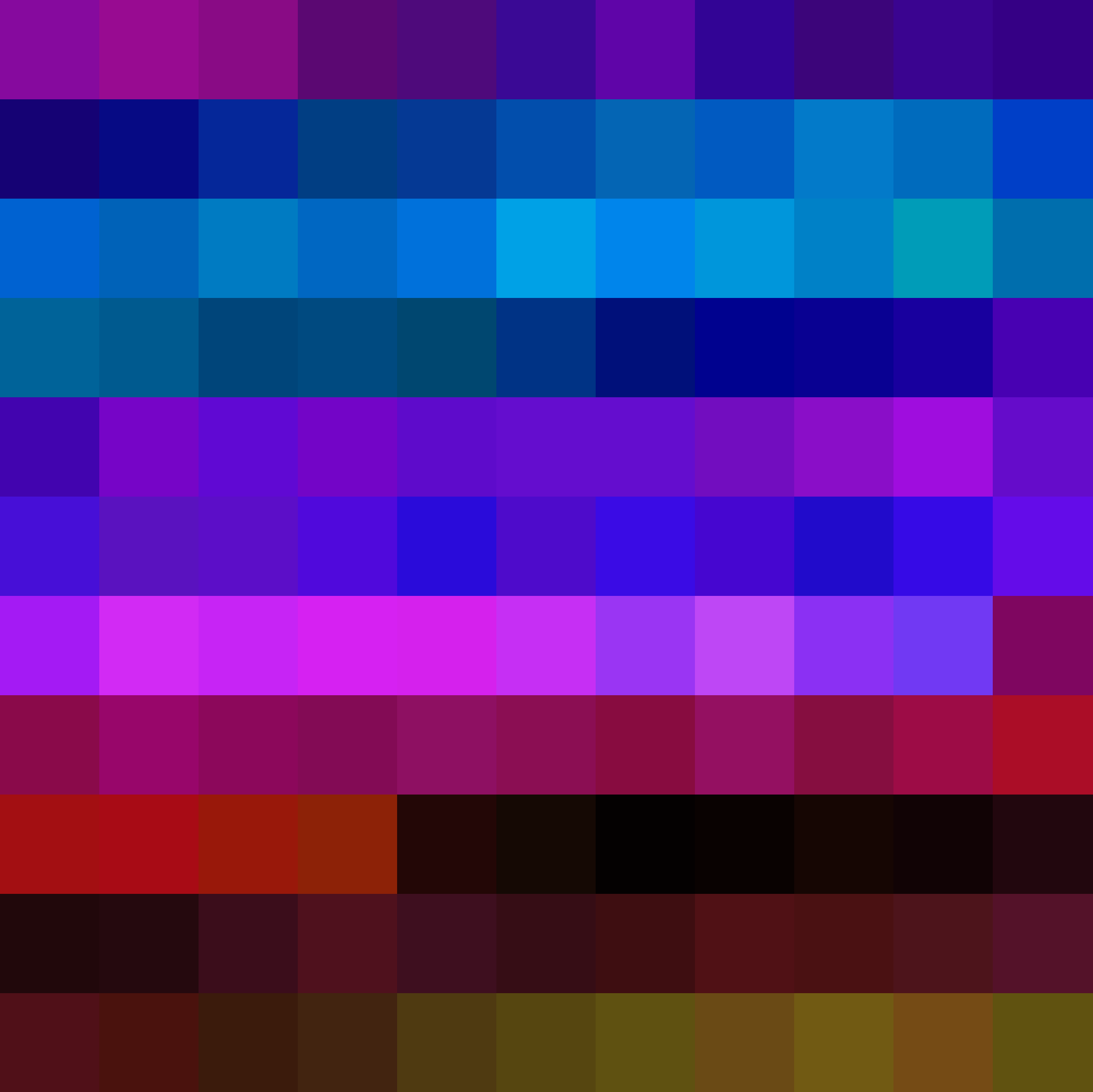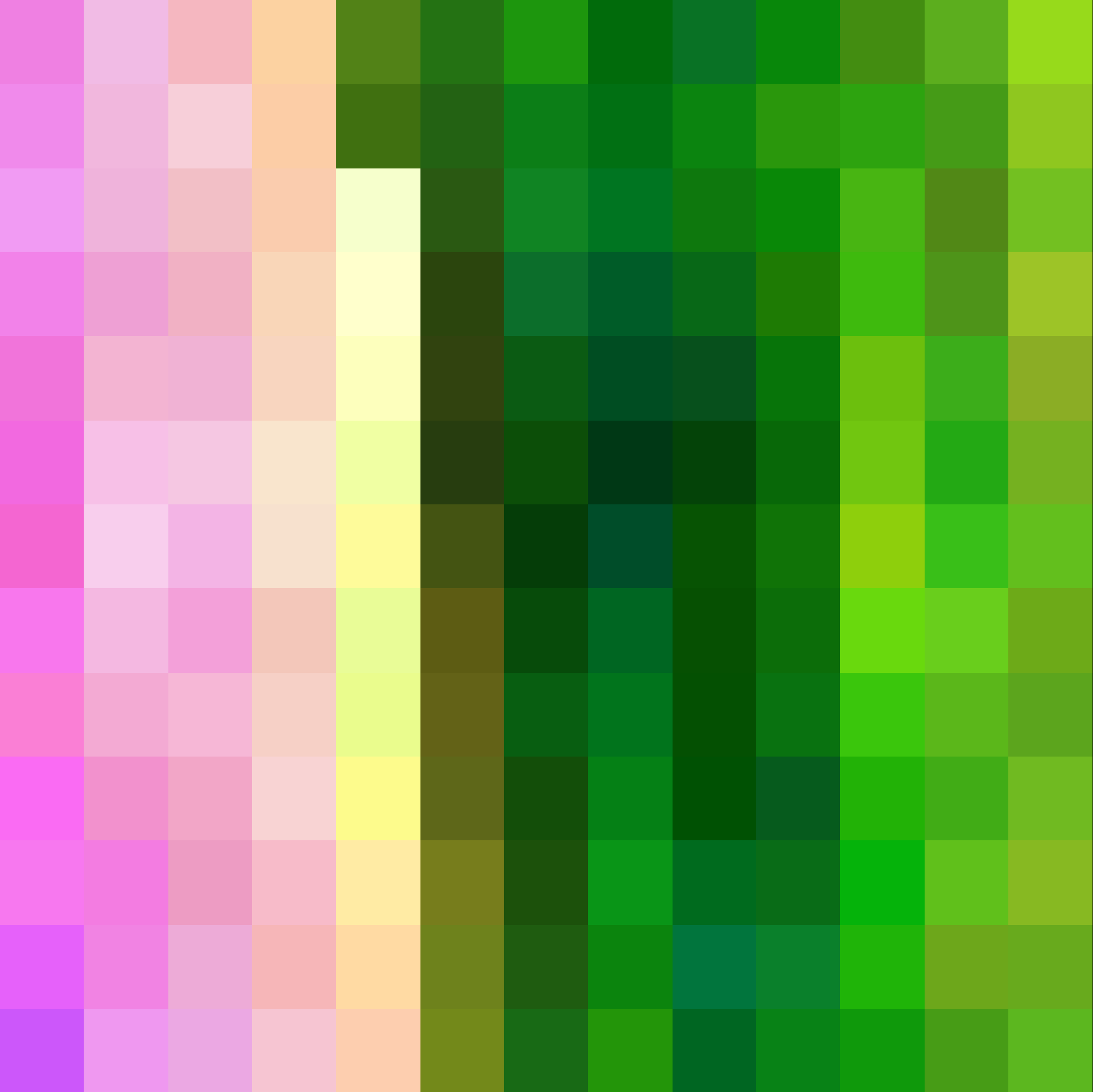
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, and it also has quite some red, some violet, some purple, a bit of indigo, a bit of magenta, a little bit of orange, a little bit of rose, a tiny bit of yellow, and a tiny bit of cyan in it.
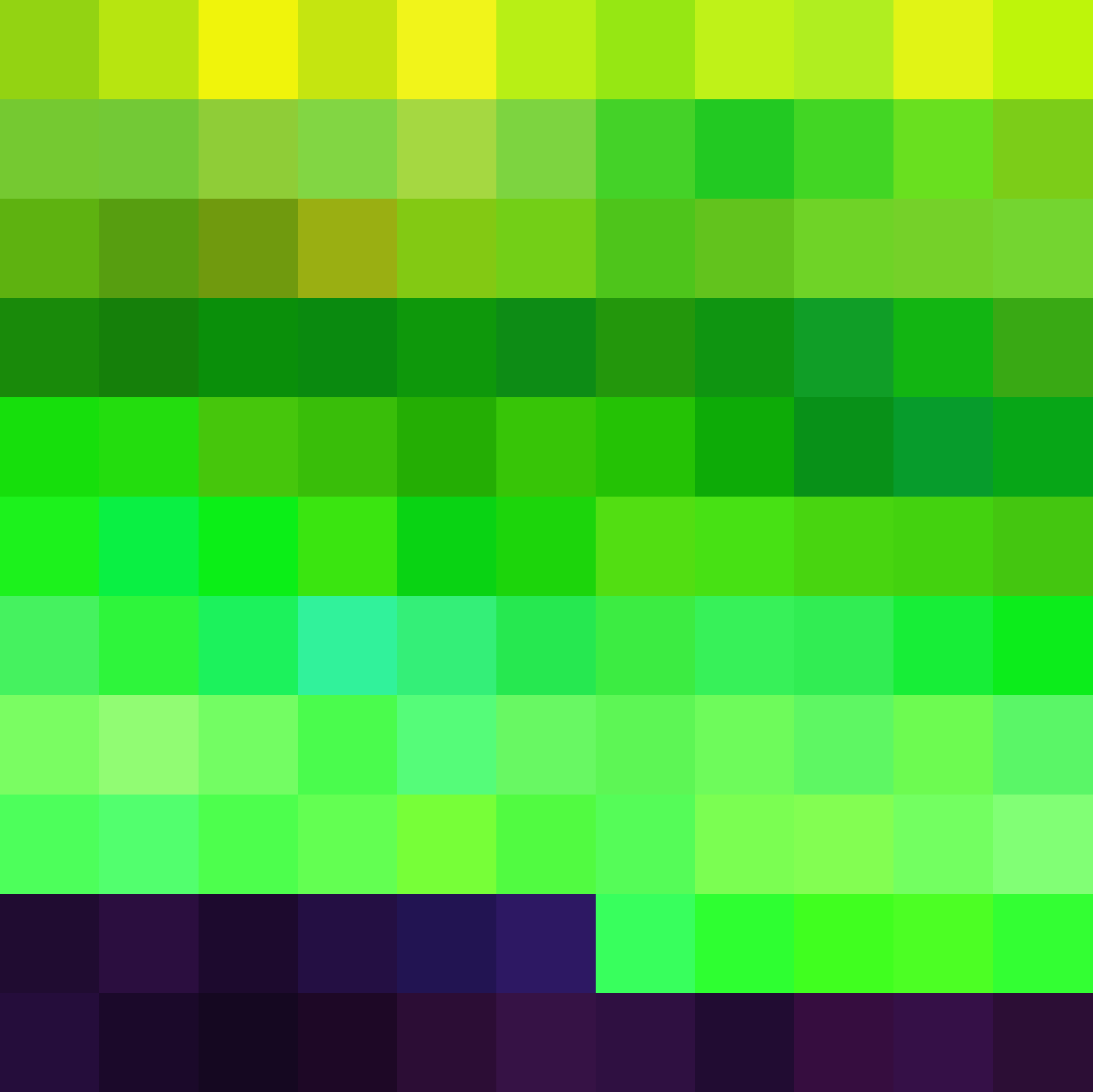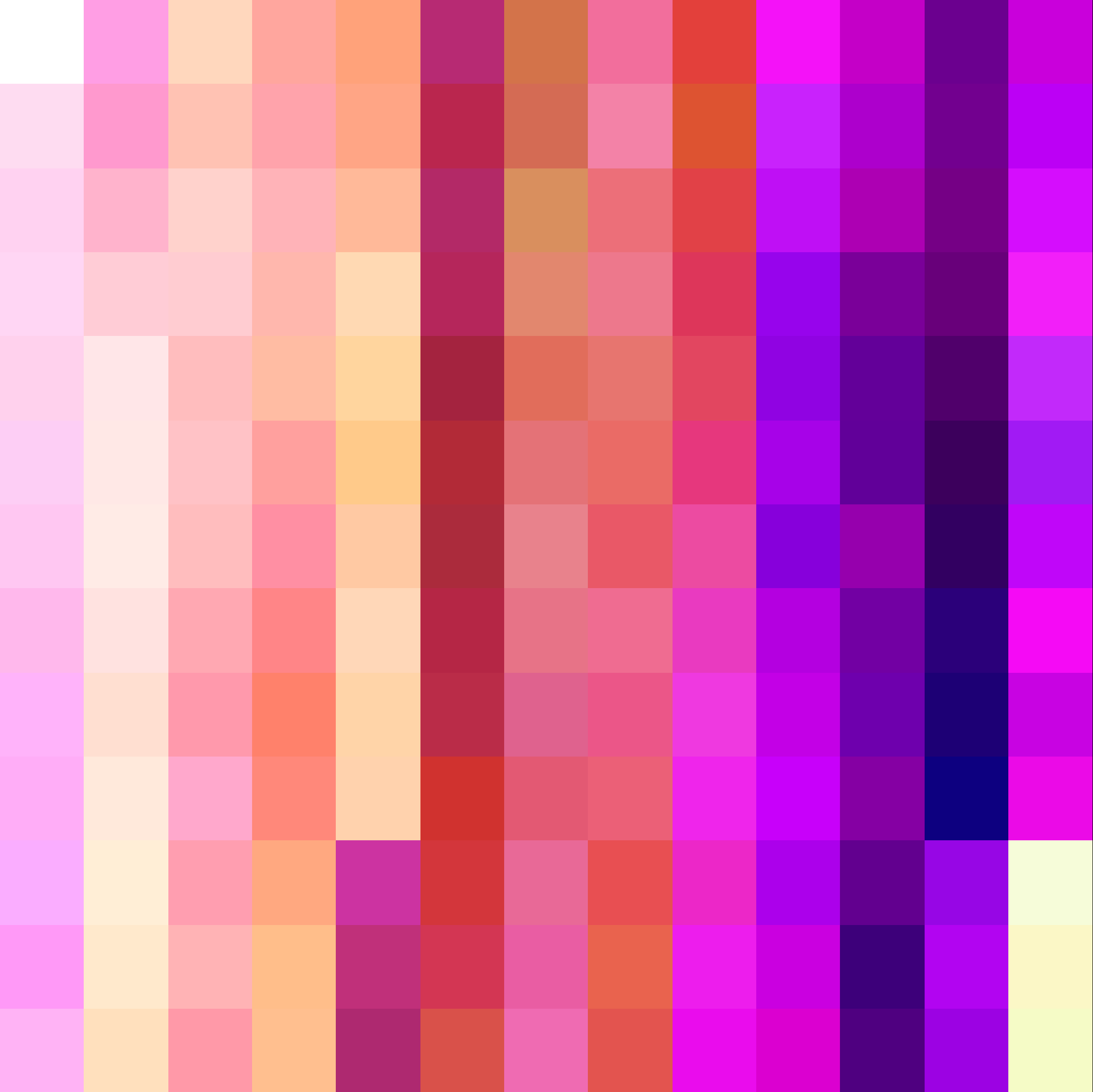
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has some magenta, a bit of yellow, a little bit of orange, a little bit of red, a little bit of rose, a little bit of lime, and a tiny bit of purple in it.

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

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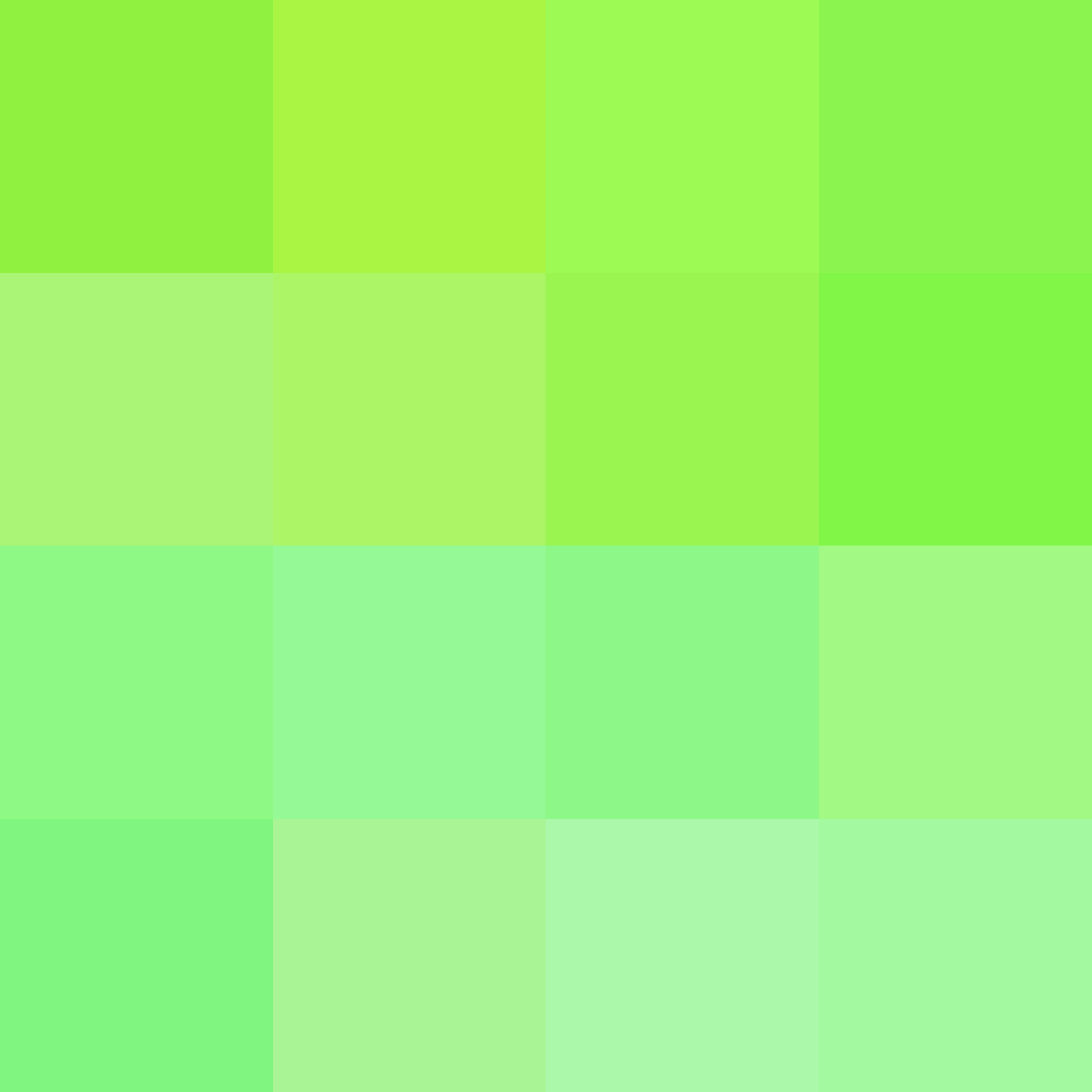
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some purple, some magenta, some orange, some rose, a tiny bit of yellow, a tiny bit of violet, and a tiny bit of indigo in it.

A monochrome grid of 16 blocks. It's green.
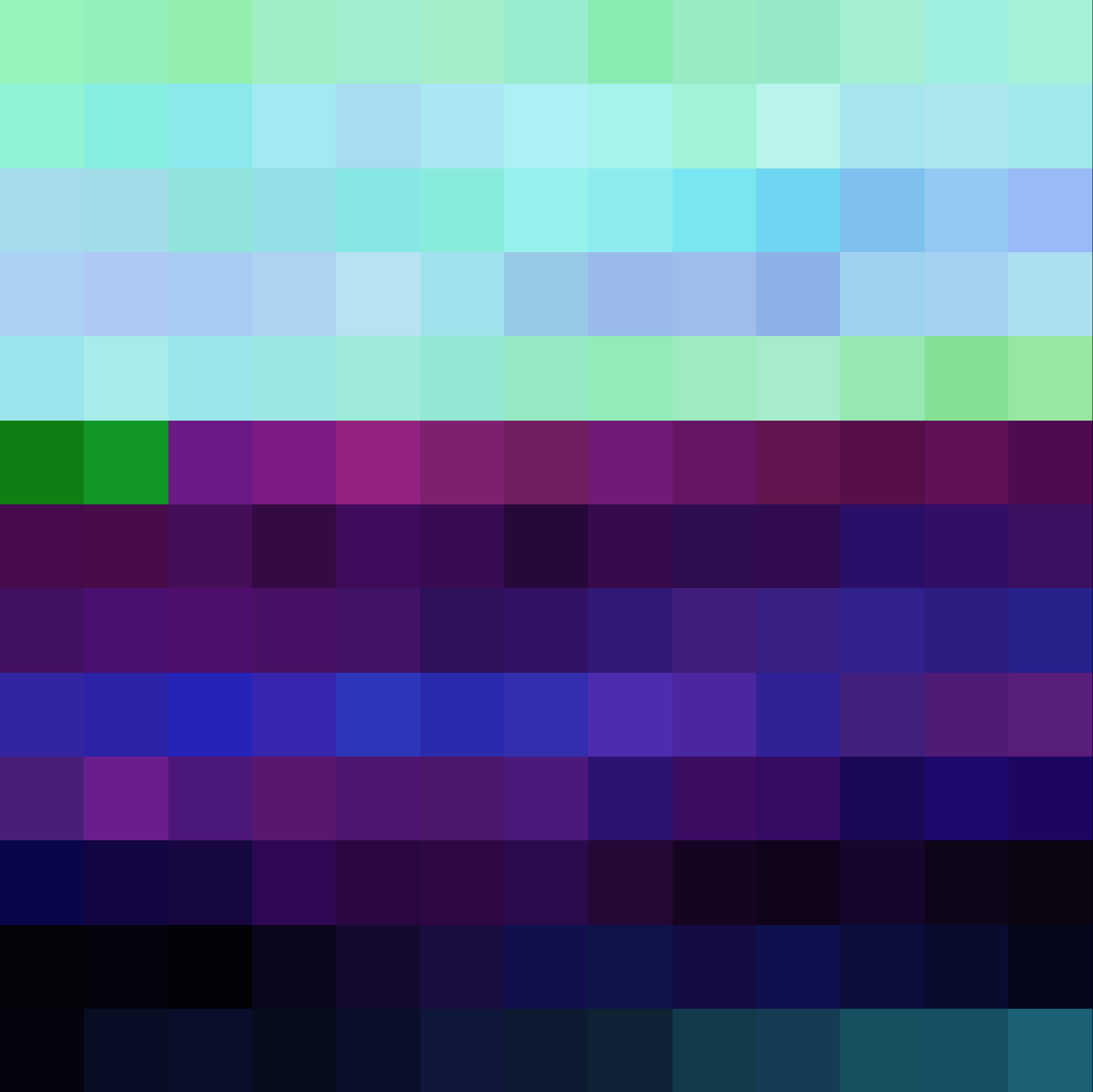
A very colourful grid of 169 blocks. It's mostly blue, and it also has some purple, some cyan, some indigo, some green, a bit of violet, and a bit of magenta in it.

The very colourful gradient in this 13 by 13 pixel grid is mostly magenta, and it also has quite some red, quite some orange, some rose, some blue, and a tiny bit of yellow in it.

A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some red, some rose, some blue, a bit of purple, a little bit of orange, a tiny bit of cyan, a tiny bit of indigo, and a tiny bit of green in it.
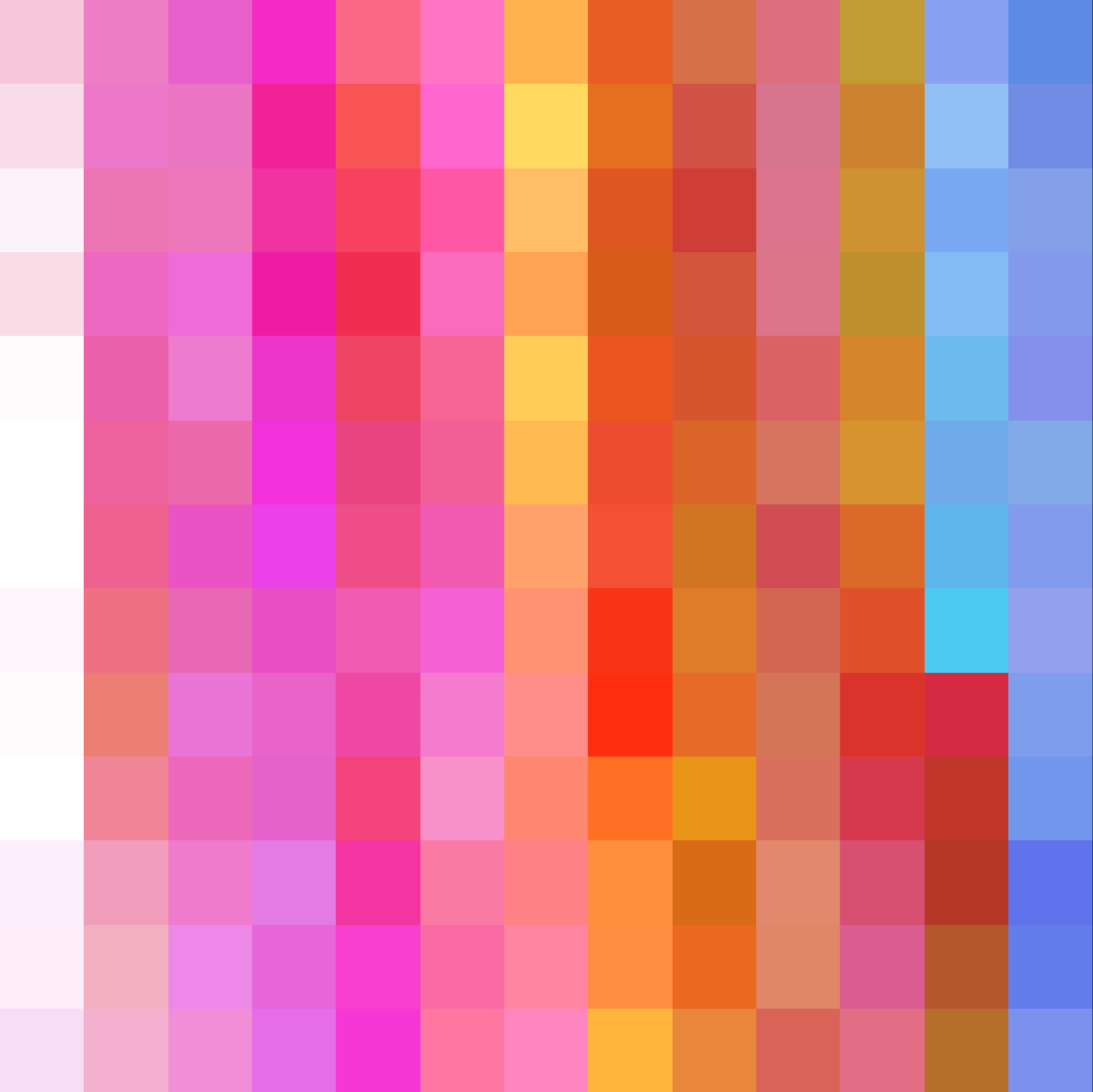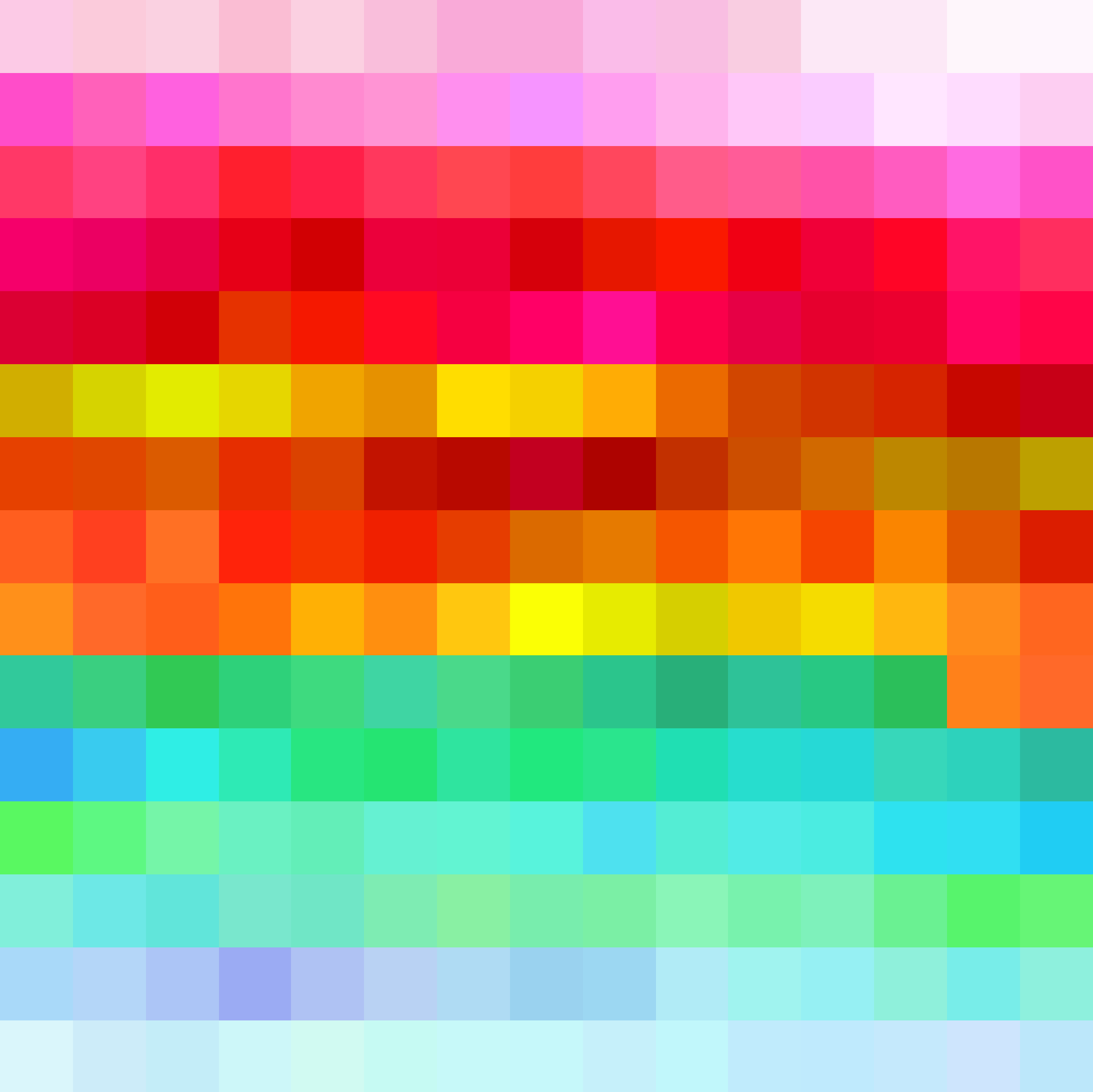
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has some cyan, some orange, some green, some magenta, a bit of rose, a bit of blue, and a little bit of yellow in it.
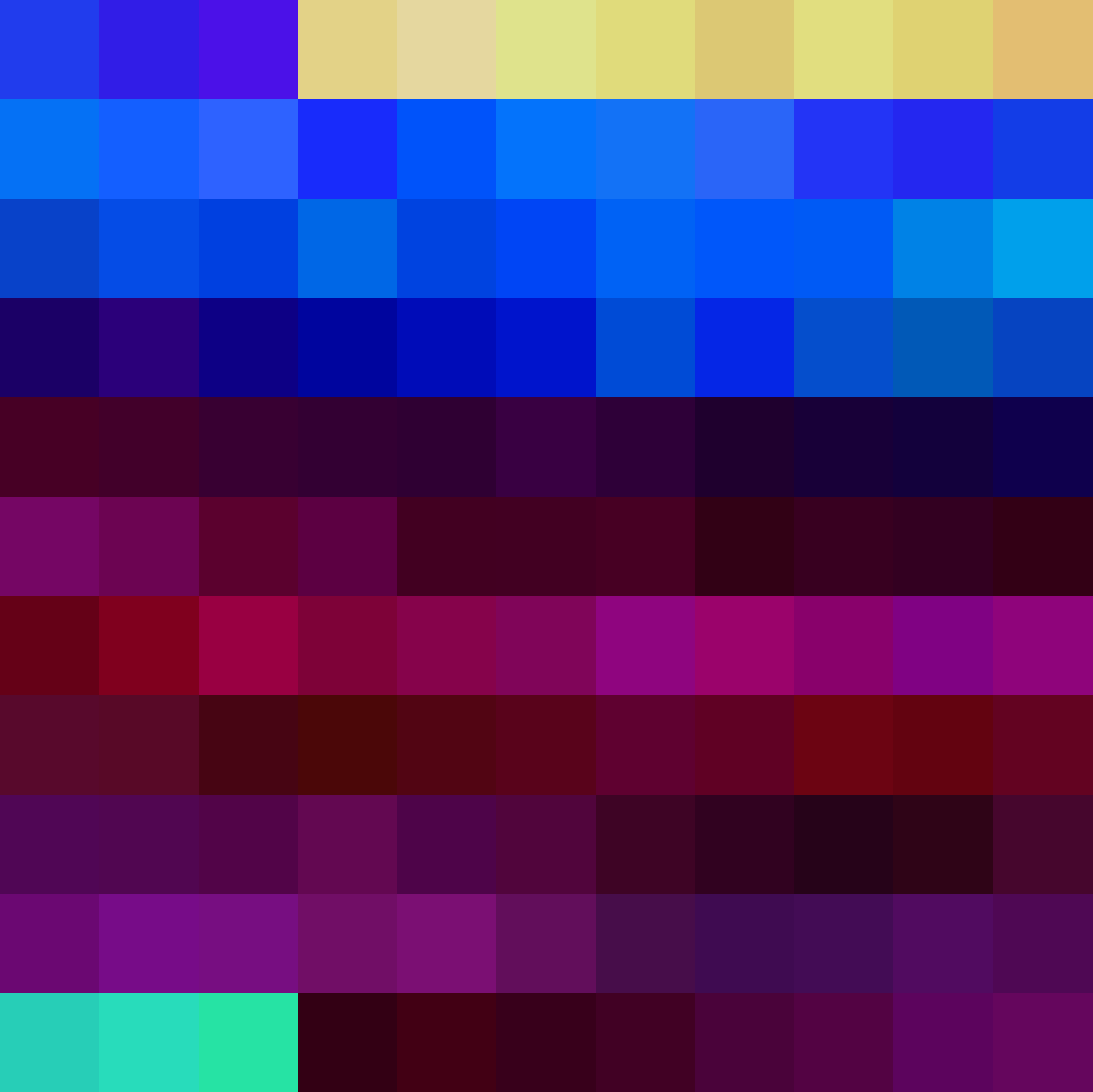
A very, very colourful grid of 121 blocks. It's mostly magenta, and it also has quite some blue, some rose, a little bit of yellow, a little bit of red, a little bit of indigo, a little bit of purple, a tiny bit of violet, a tiny bit of cyan, a tiny bit of orange, and a tiny bit of green in it.
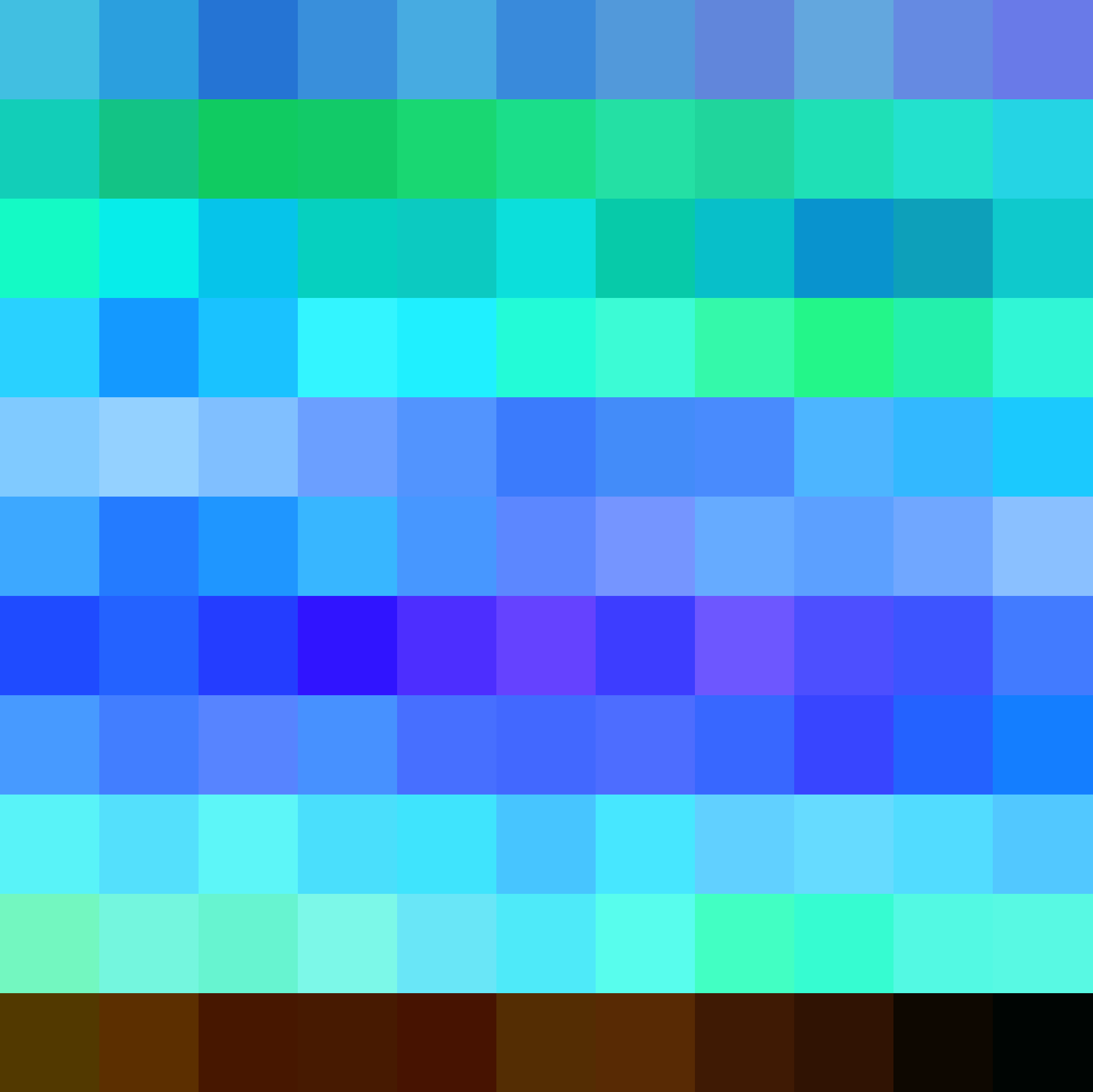
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some orange, and a tiny bit of cyan in it.

This colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, but it also has quite some cyan, some green, a bit of orange, and a little bit of indigo in it.
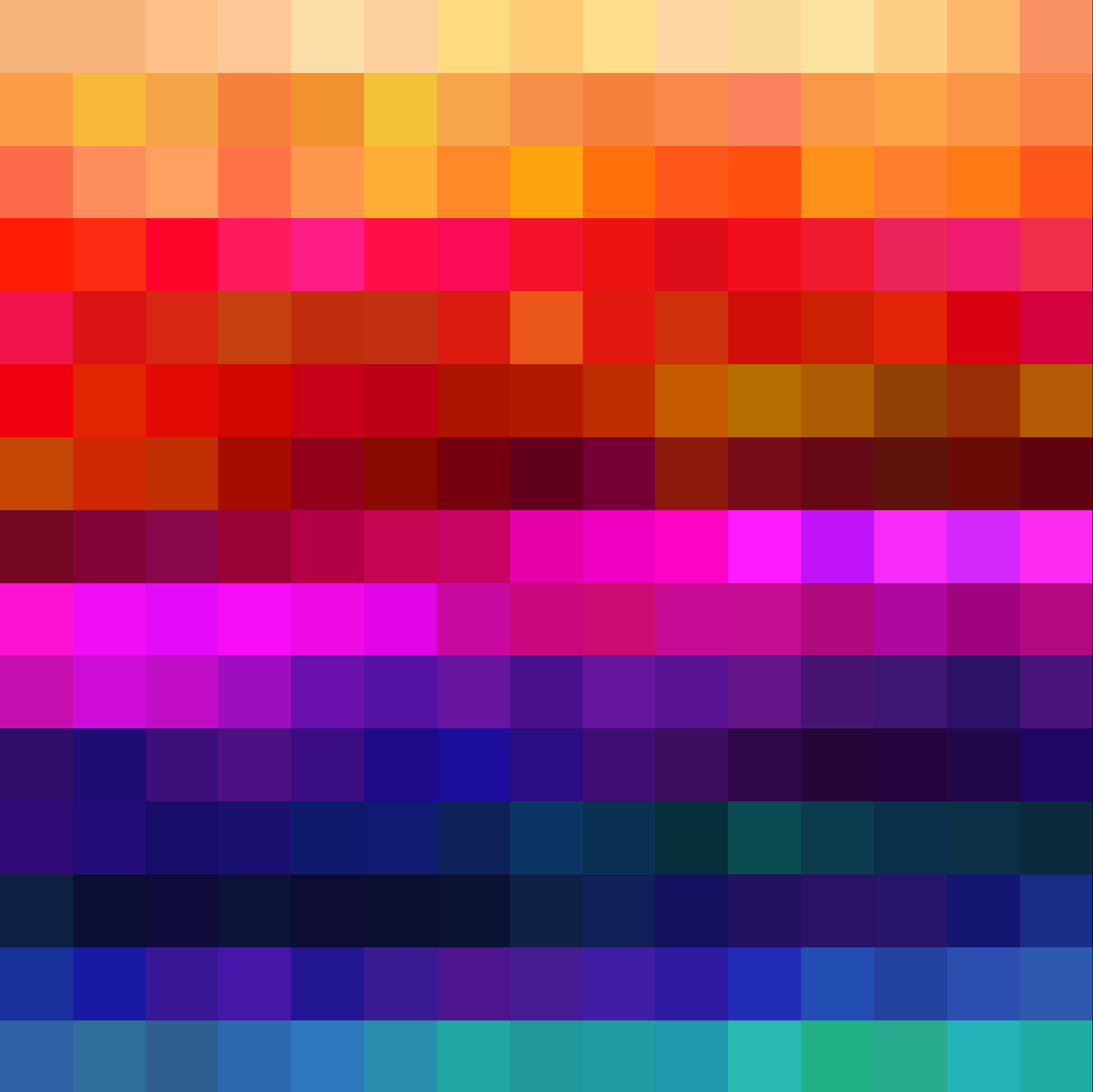
A 15 by 15 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has quite some orange in it.
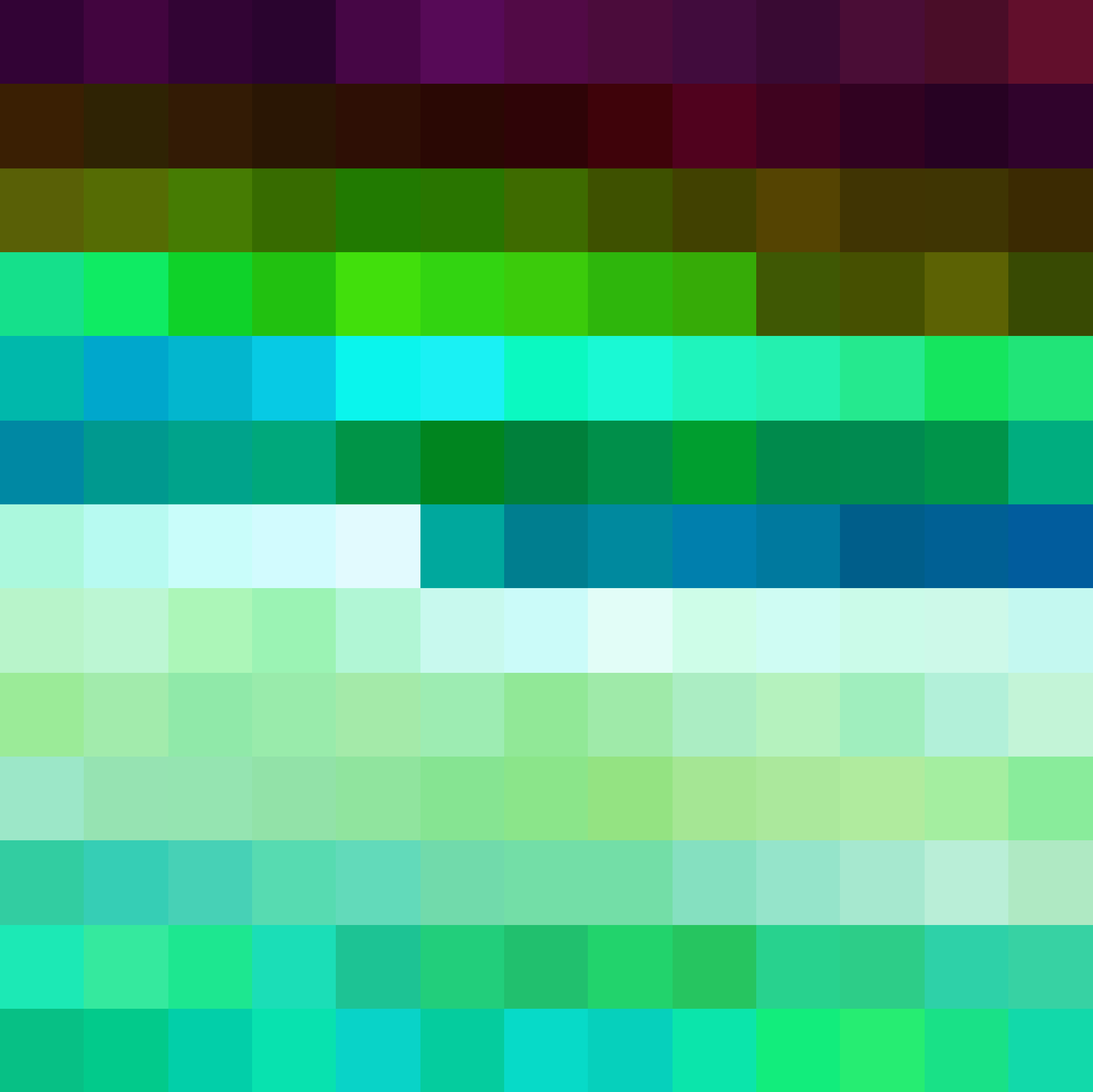
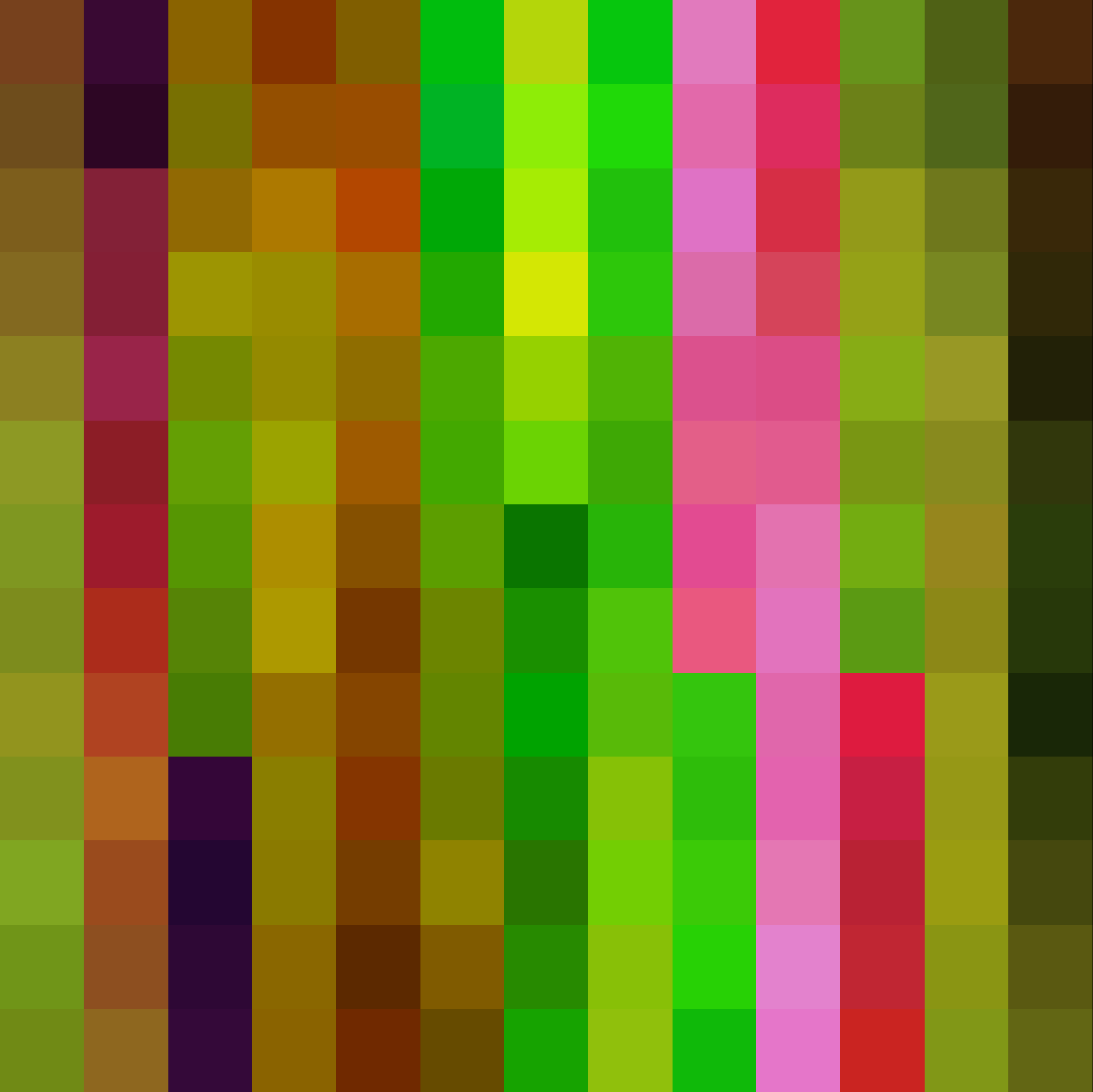A very, very colourful grid of 169 blocks. It's mostly green, but it also has quite some cyan, a bit of magenta, a little bit of yellow, a little bit of orange, a little bit of blue, a tiny bit of rose, a tiny bit of red, and a tiny bit of lime in it.

A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some yellow, quite some orange, a bit of lime, a bit of red, a bit of magenta, a bit of rose, and a tiny bit of purple in it.
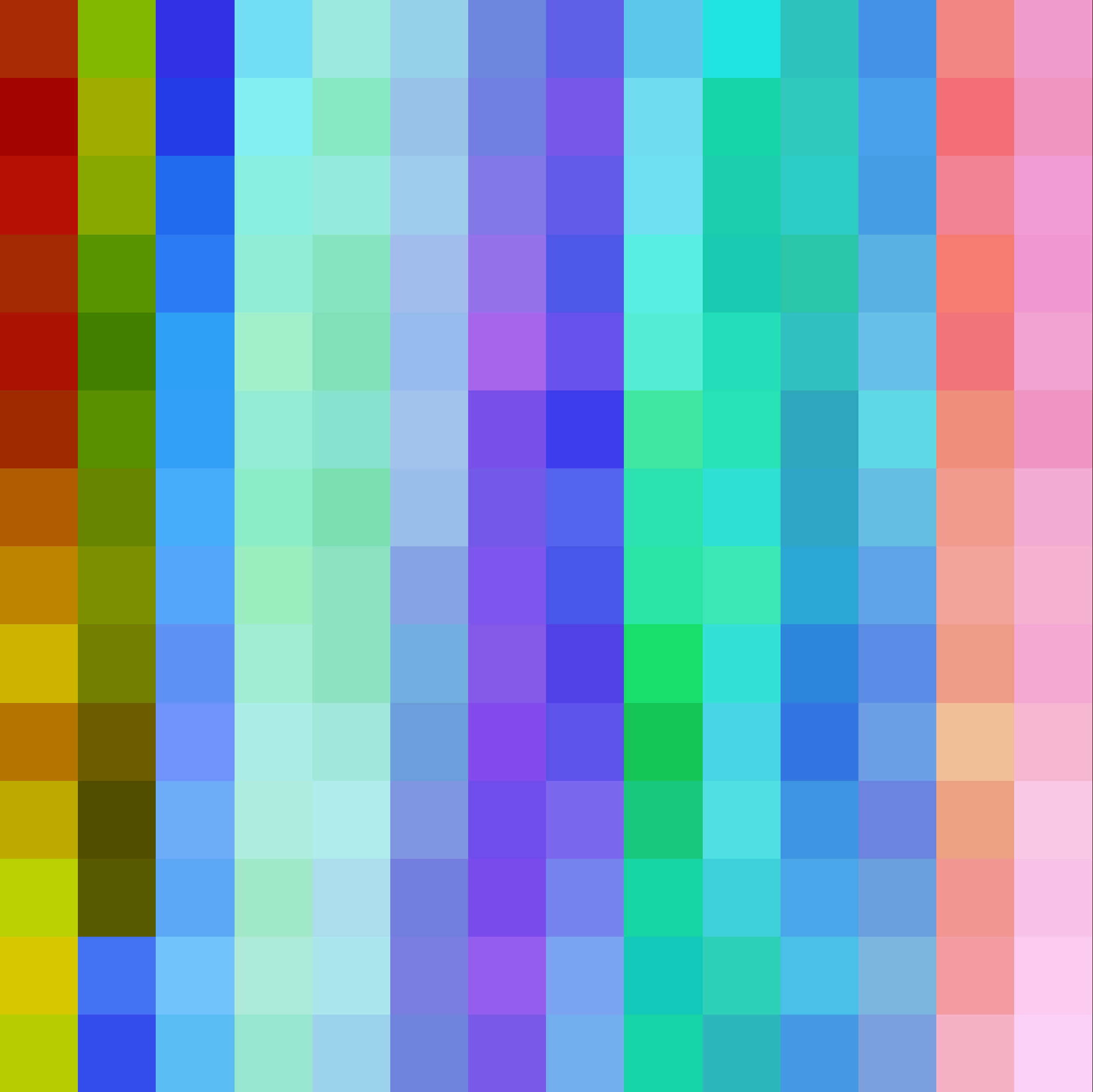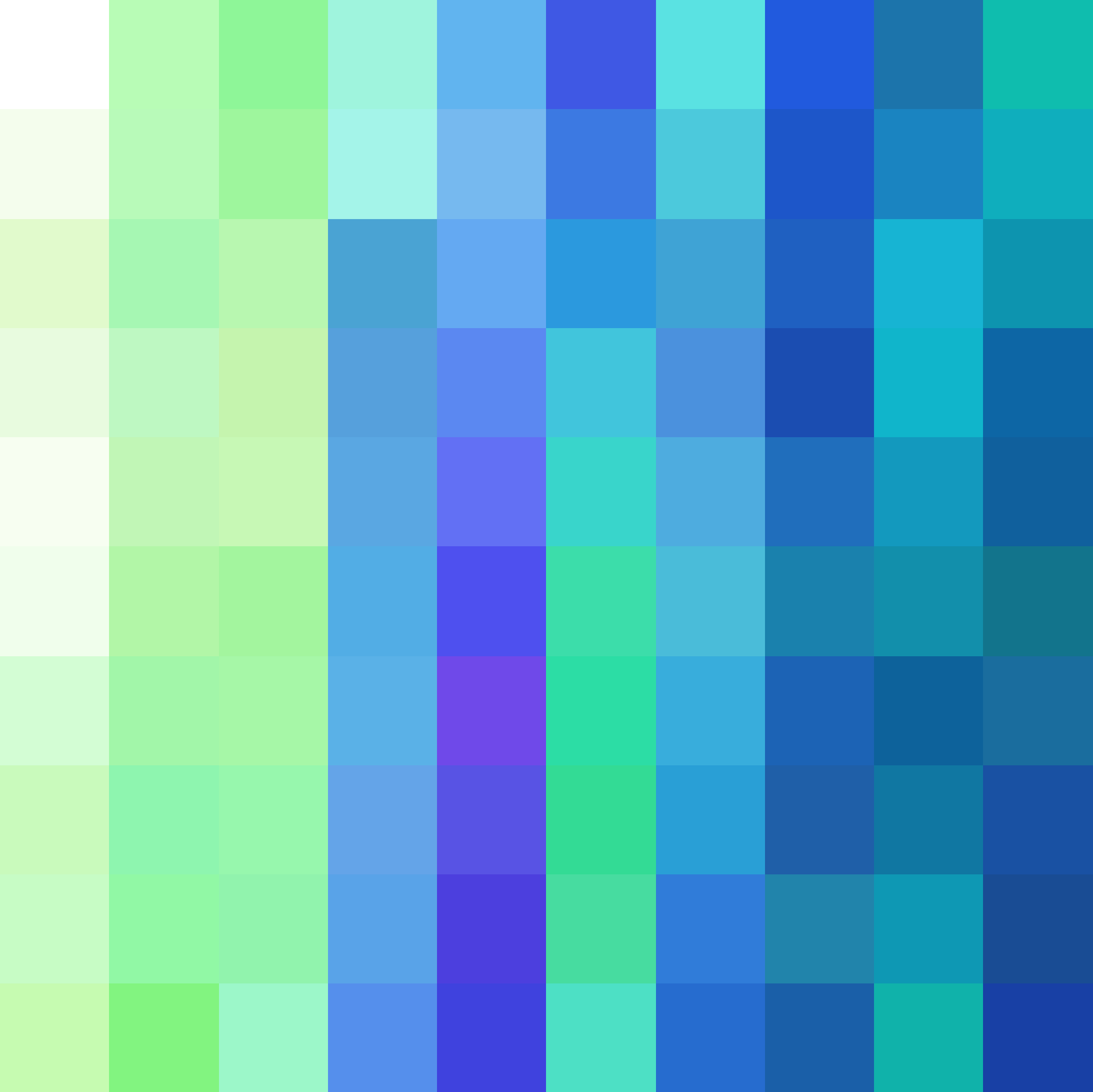
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some red, some green, a bit of indigo, a little bit of yellow, a little bit of orange, a tiny bit of lime, and a tiny bit of violet in it.

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

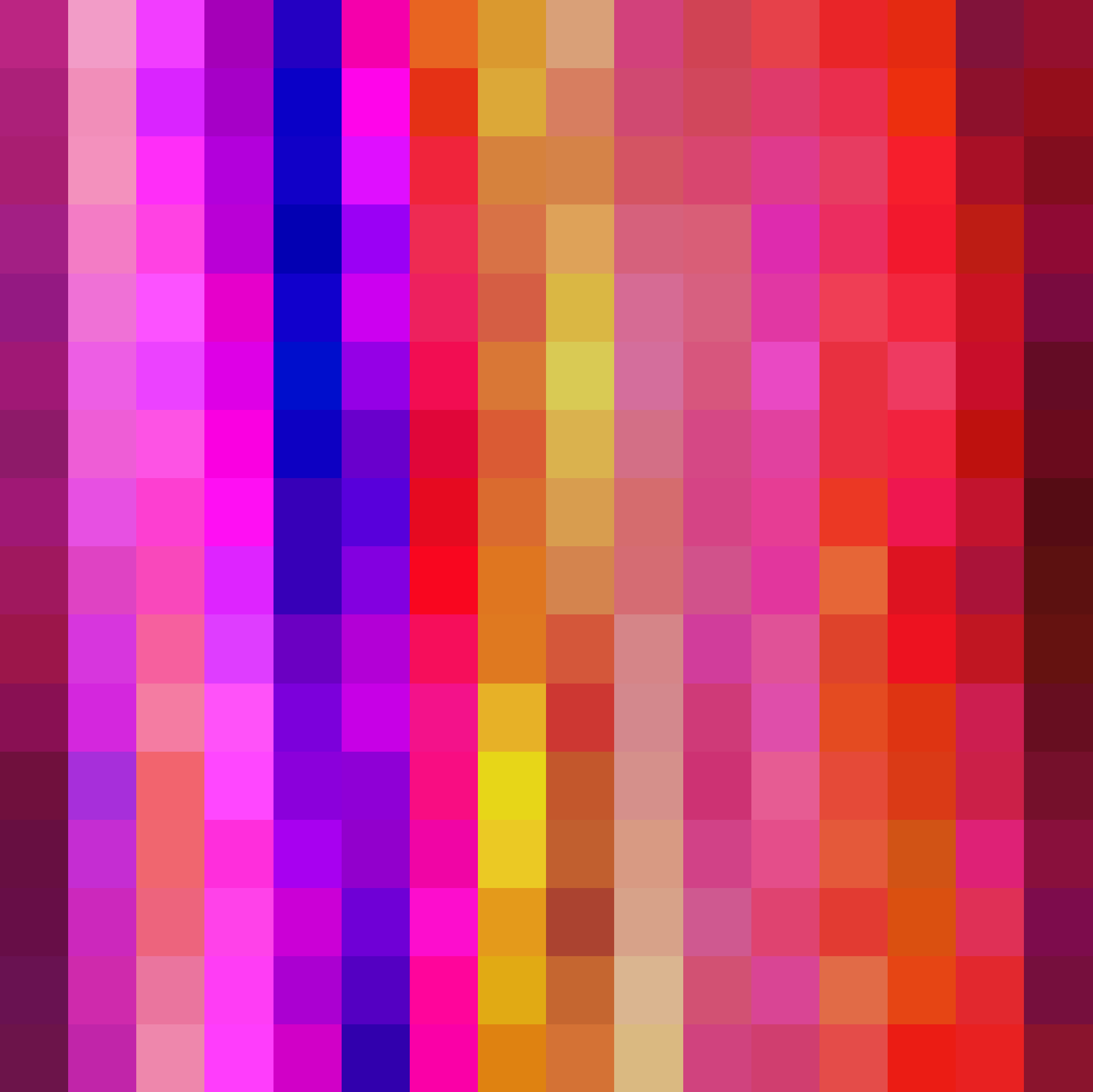A grid with 100 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some green, some cyan, and a little bit of indigo in it.

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

A grid with 64 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some purple, some violet, some yellow, some indigo, a little bit of lime, a little bit of orange, and a tiny bit of magenta in it.

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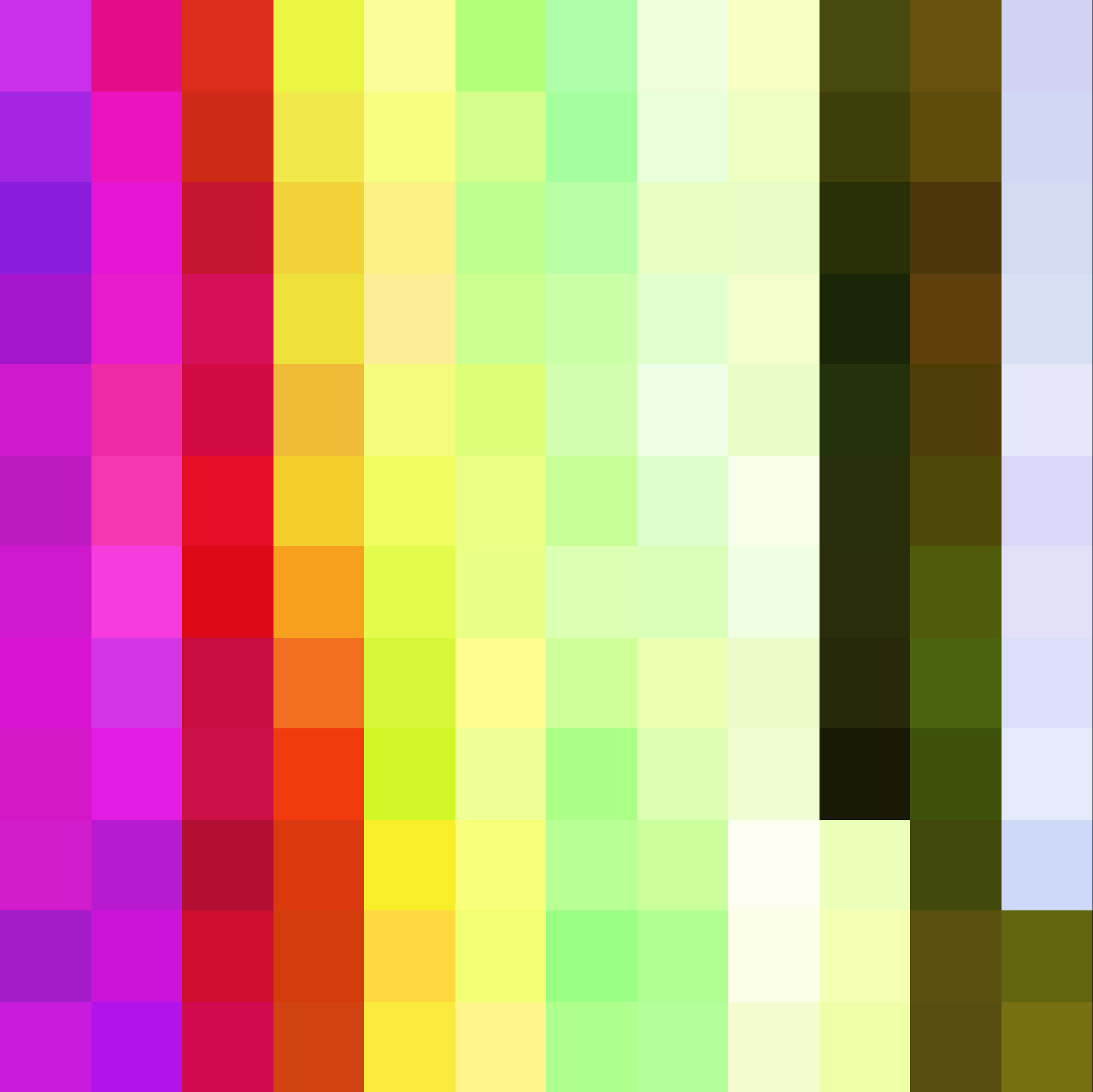
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some green, some magenta, a bit of lime, a bit of red, a little bit of blue, a little bit of orange, a little bit of purple, a little bit of rose, and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

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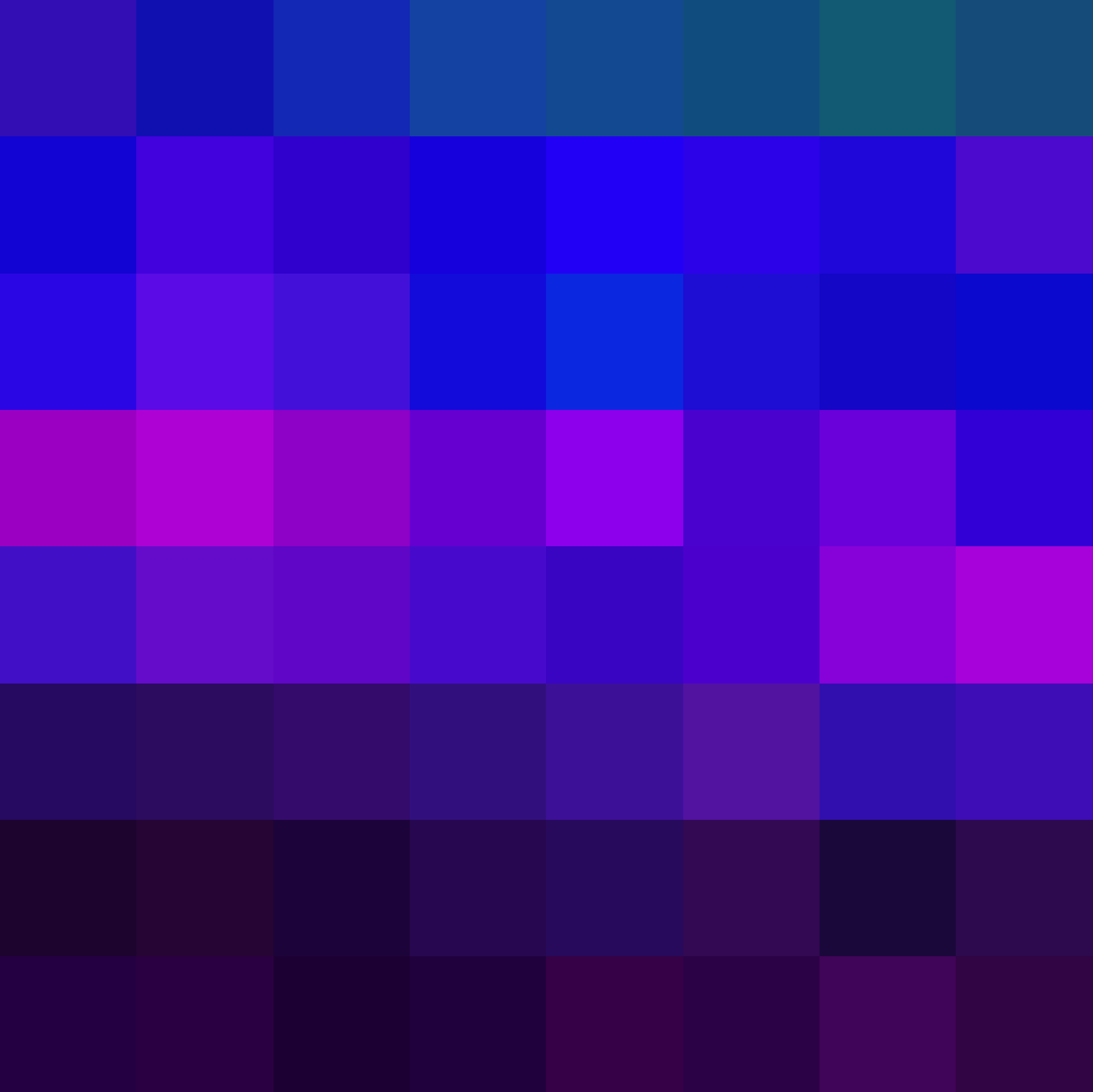
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly indigo, but it also has quite some purple, quite some violet, and some blue in it.

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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