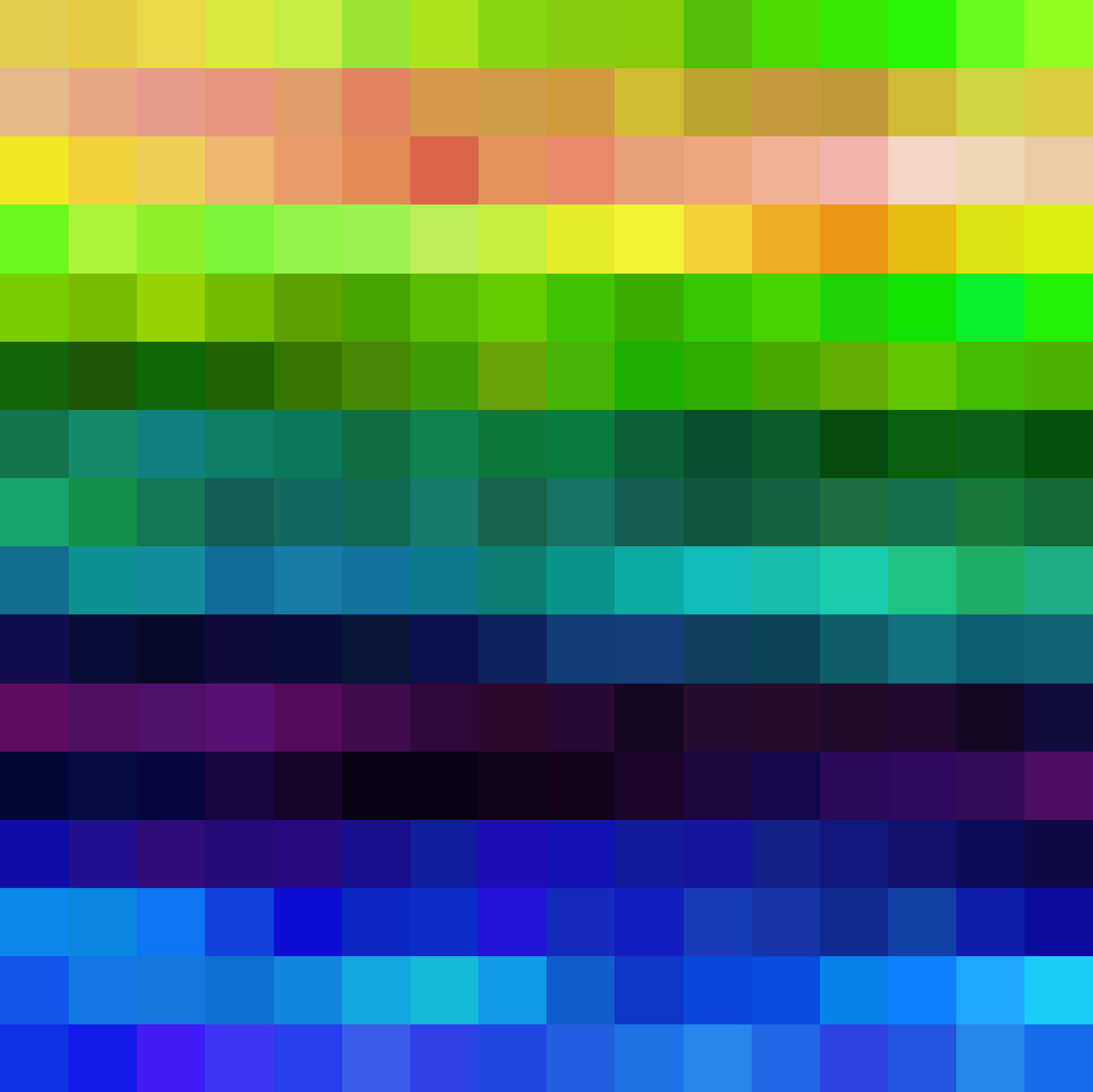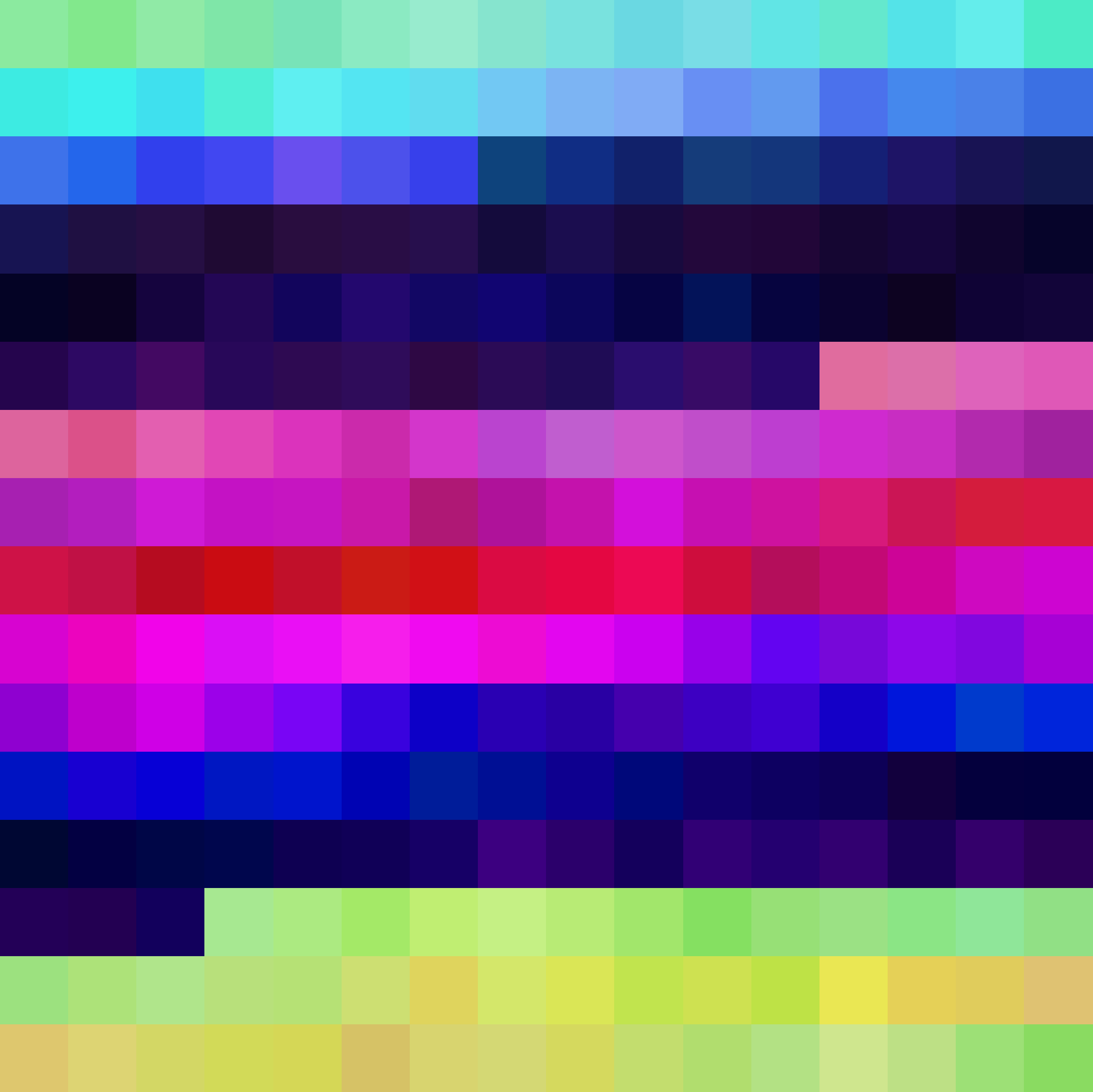# 100 random pixel gradients

Vasilis van Gemert – 02-05-2022

A very, very colourful grid of 256 blocks. It's mostly green, but it also has quite some blue, a bit of cyan, a bit of orange, a bit of indigo, a bit of yellow, a little bit of purple, a little bit of violet, a tiny bit of red, a tiny bit of lime, 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 indigo, but it also has some magenta, some blue, some green, a bit of violet, a bit of yellow, a little bit of cyan, a little bit of purple, a little bit of rose, a little bit of red, a tiny bit of lime, and a tiny bit of orange in it.
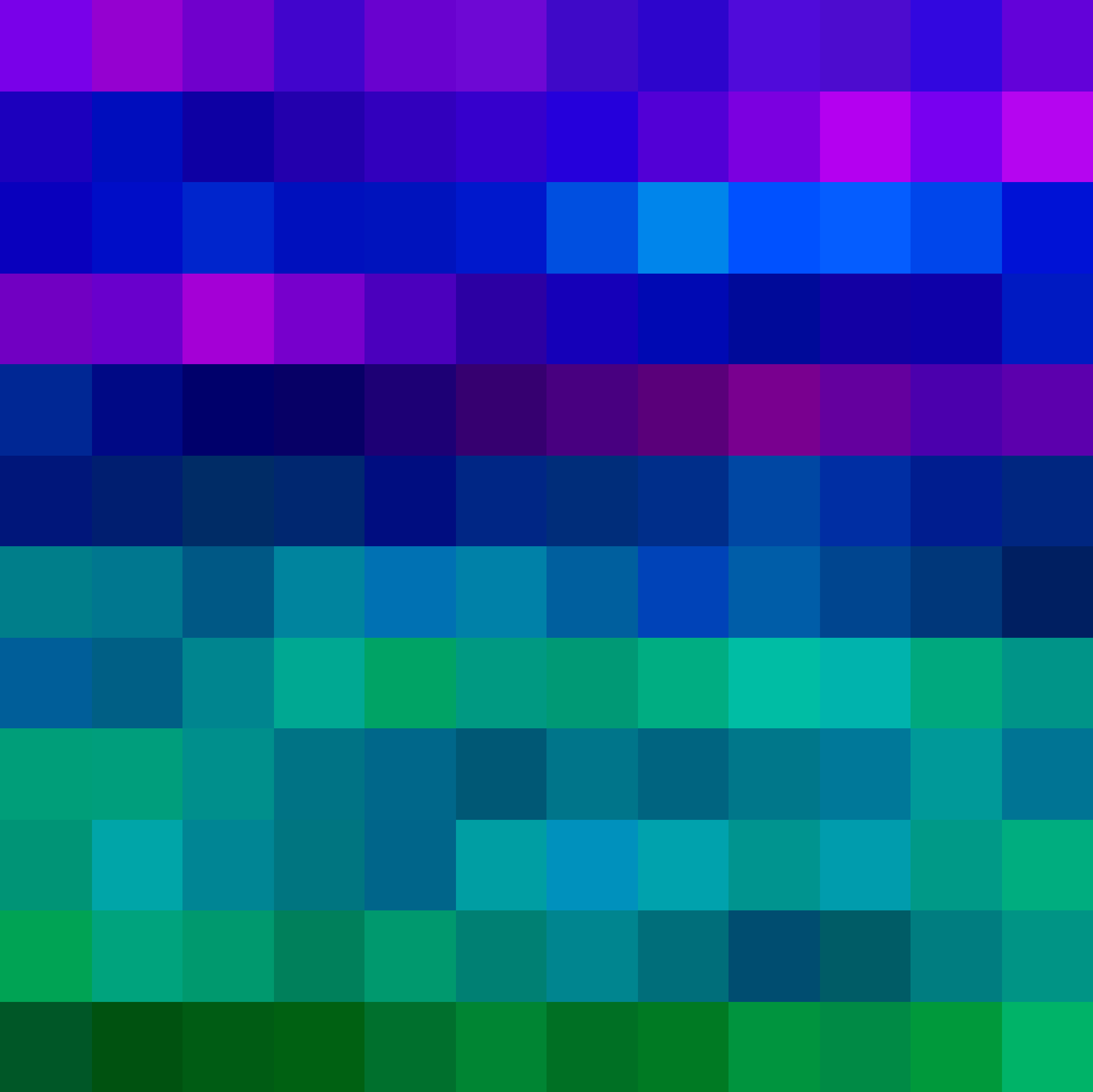
A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some indigo, some green, a bit of purple, and a little bit of violet in it.
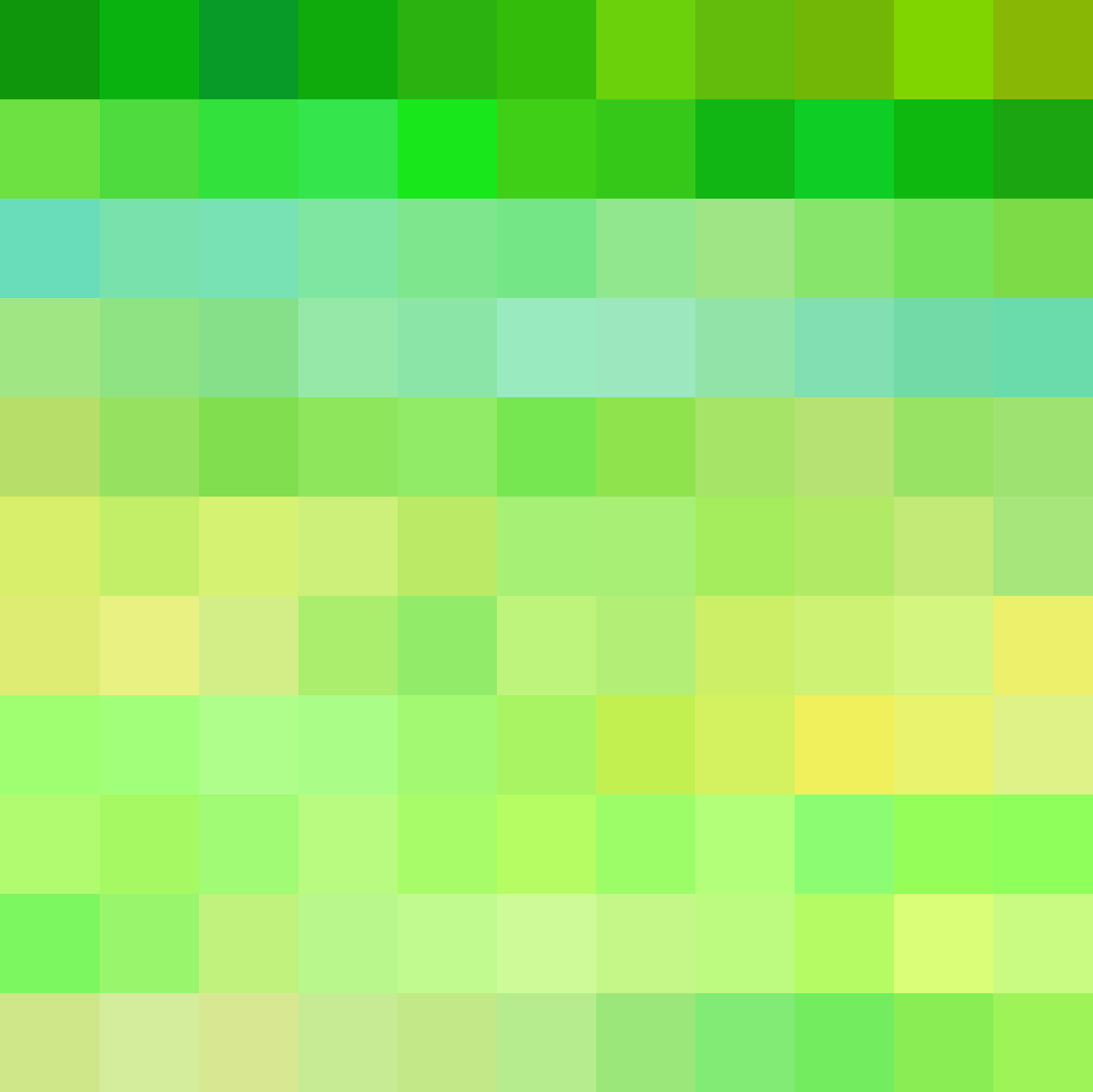
A grid of 121 blocks. It's mostly green, but it also has some lime, and a little bit of yellow in it.

This colourful gradient, generated in this 9 by 9 pixel grid, is mostly green, and it also has a little bit of yellow, a little bit of orange, a tiny bit of lime, and a tiny bit of cyan in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly magenta, and it also has quite some rose, and quite some red in it.
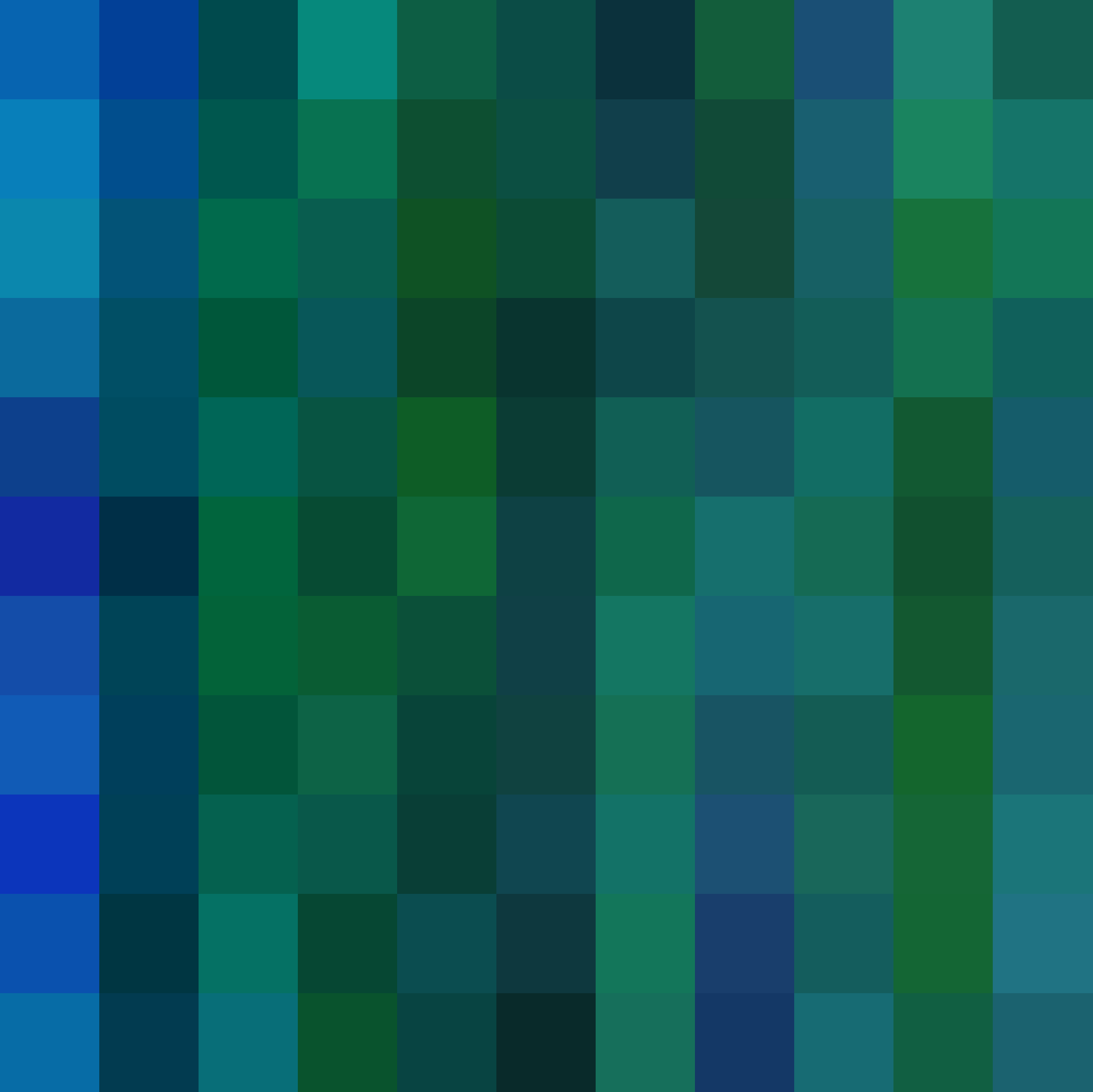
Here's an 11 by 11 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some green, and some blue in it.
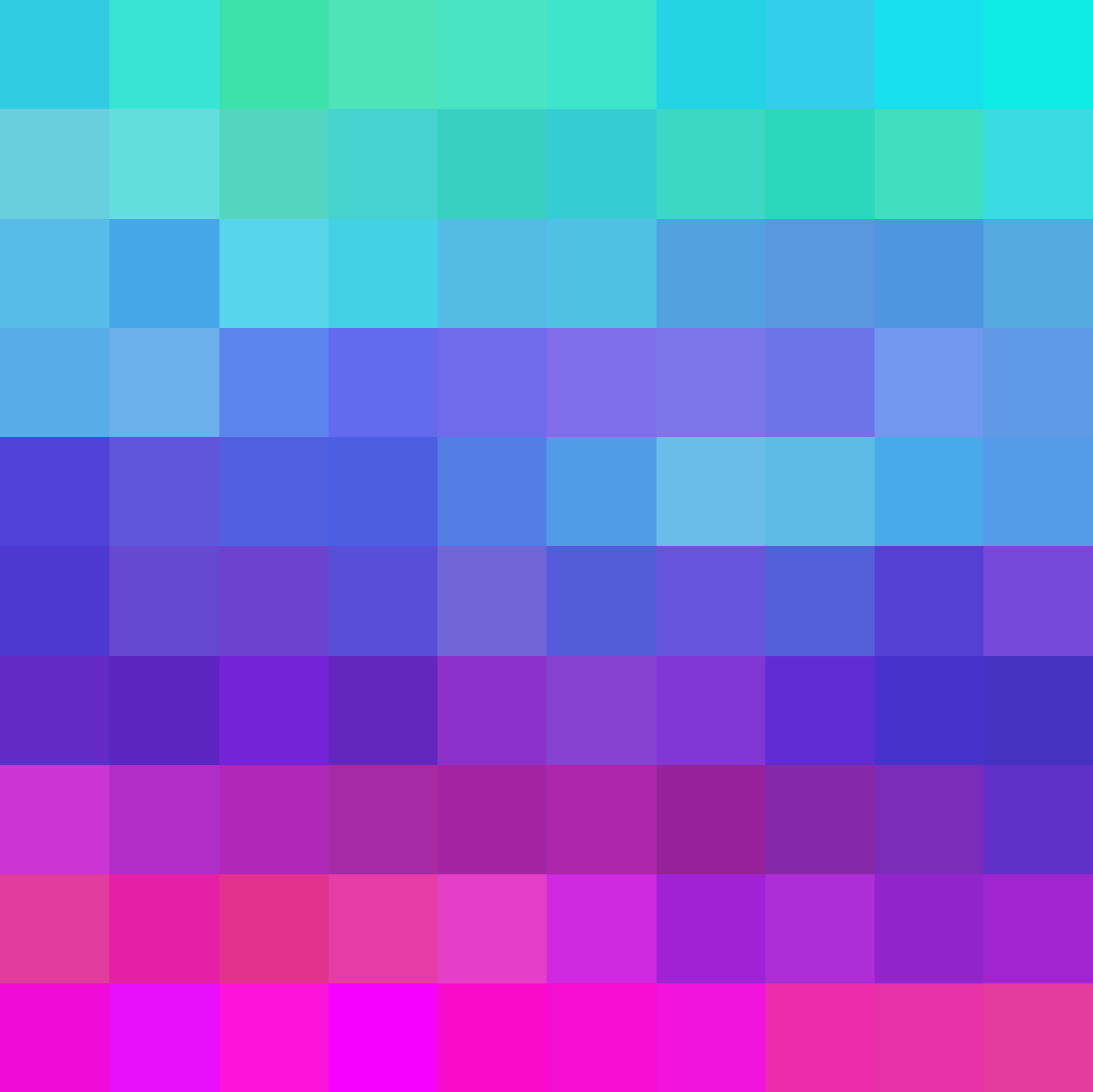
This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly blue, but it also has quite some magenta, quite some cyan, some indigo, a bit of purple, a little bit of violet, a tiny bit of green, and a tiny bit of rose in it.
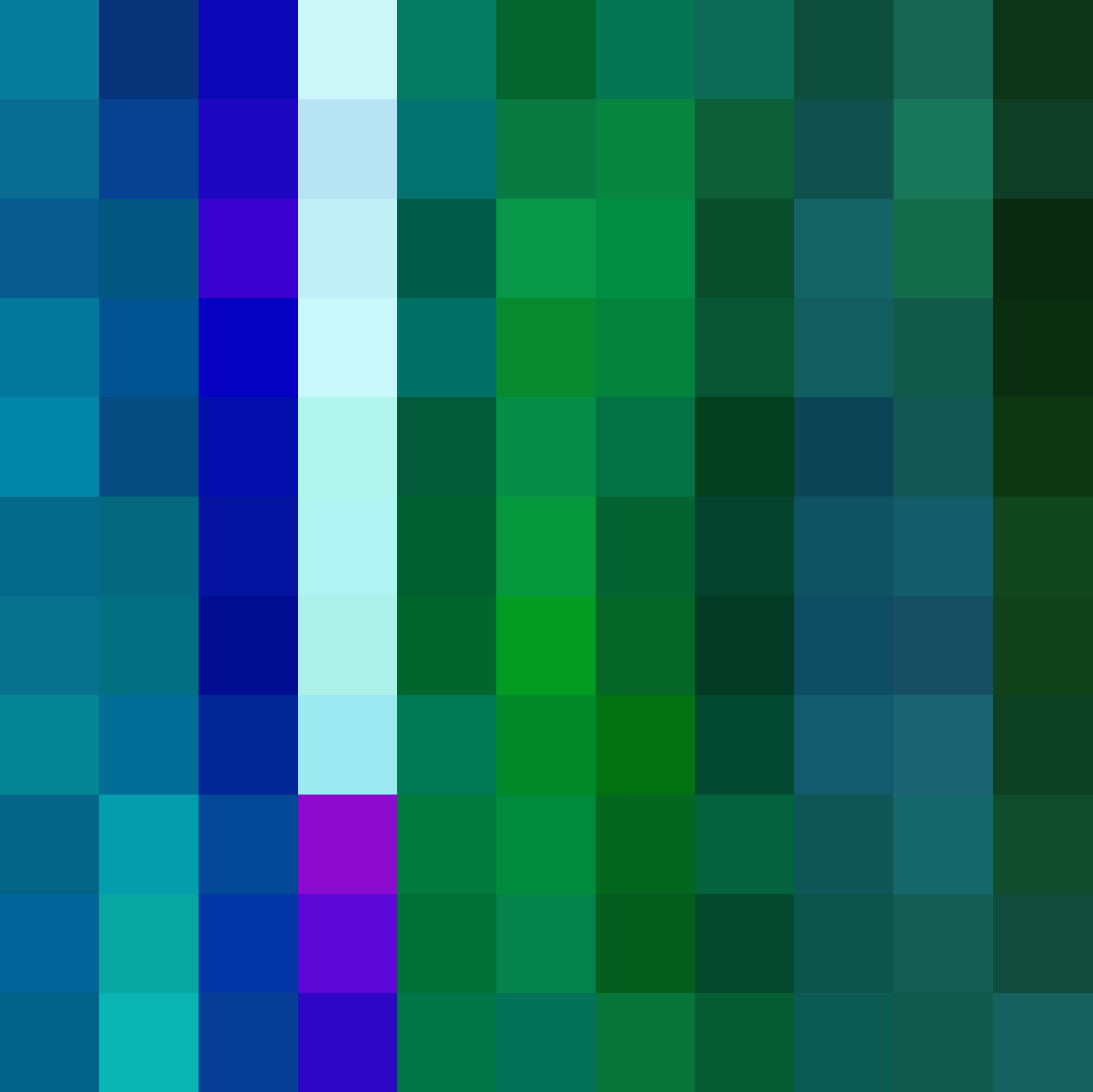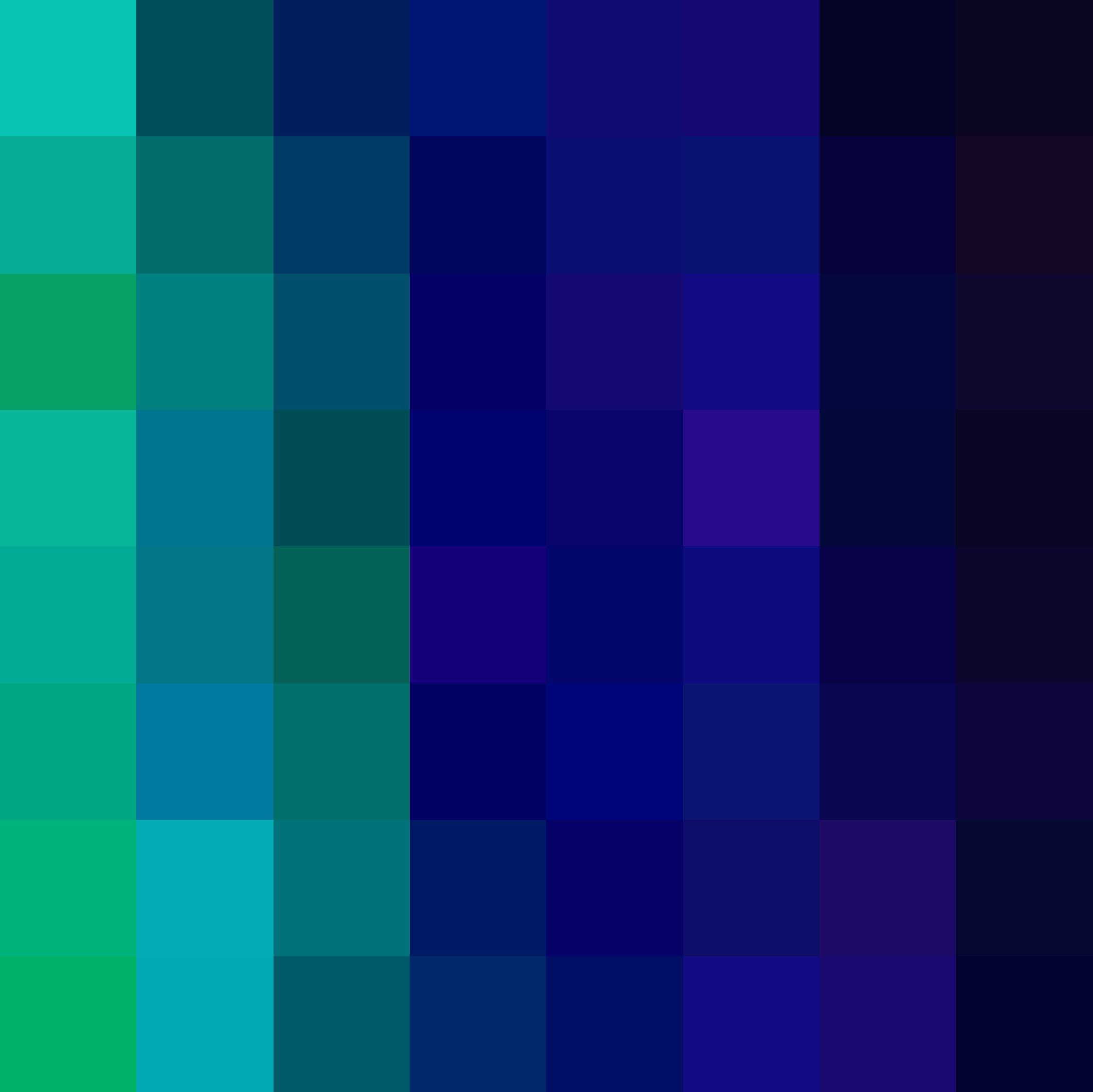
The cells in this 11 by 11 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some cyan, quite some blue, a little bit of indigo, a tiny bit of violet, and a tiny bit of purple in it.
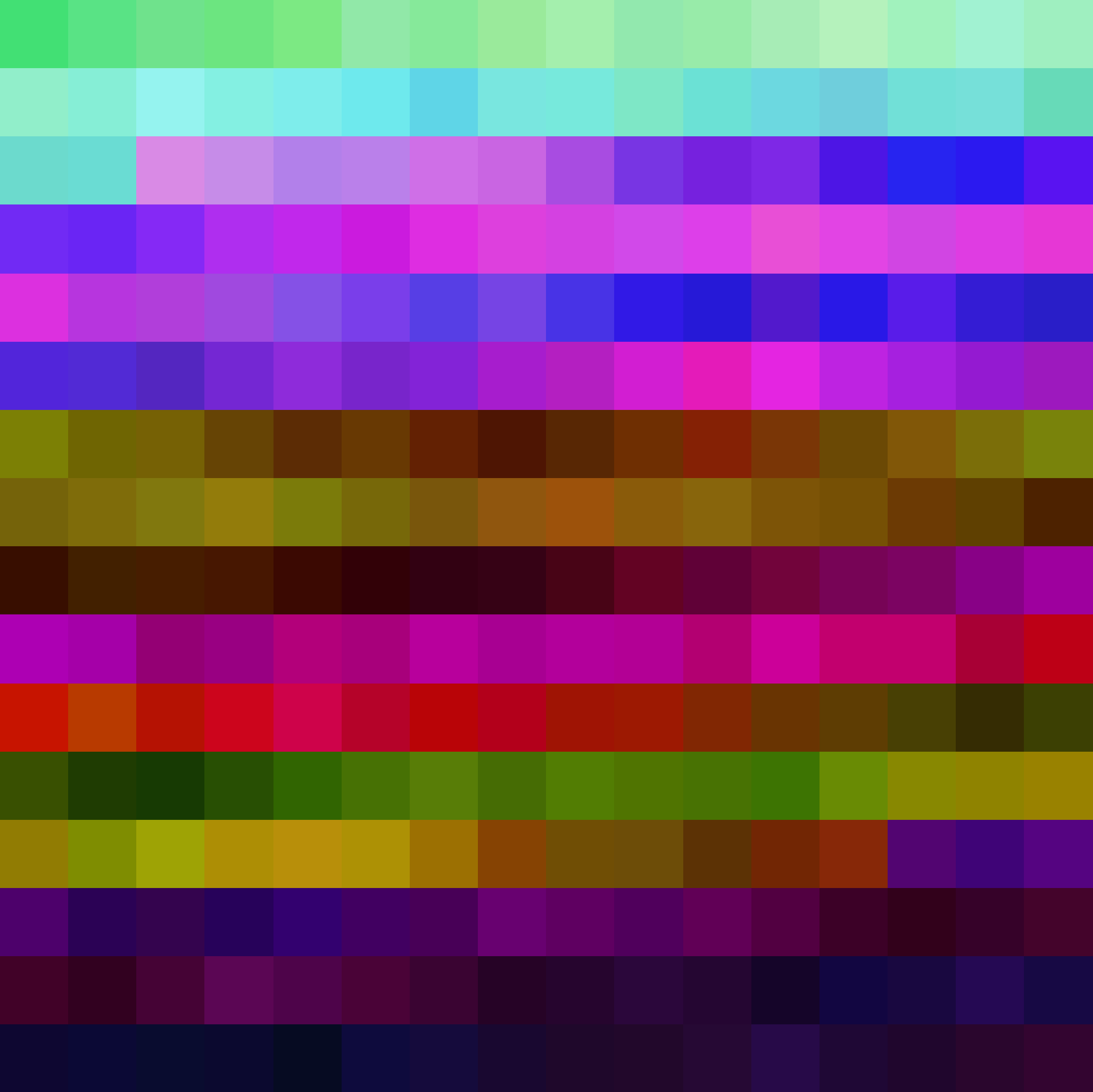
A very, very colourful grid of 256 blocks. It's mostly red, but it also has some magenta, some purple, some orange, some green, a bit of indigo, a bit of yellow, a bit of violet, a little bit of cyan, a tiny bit of lime, a tiny bit of blue, and a tiny bit of rose in it.
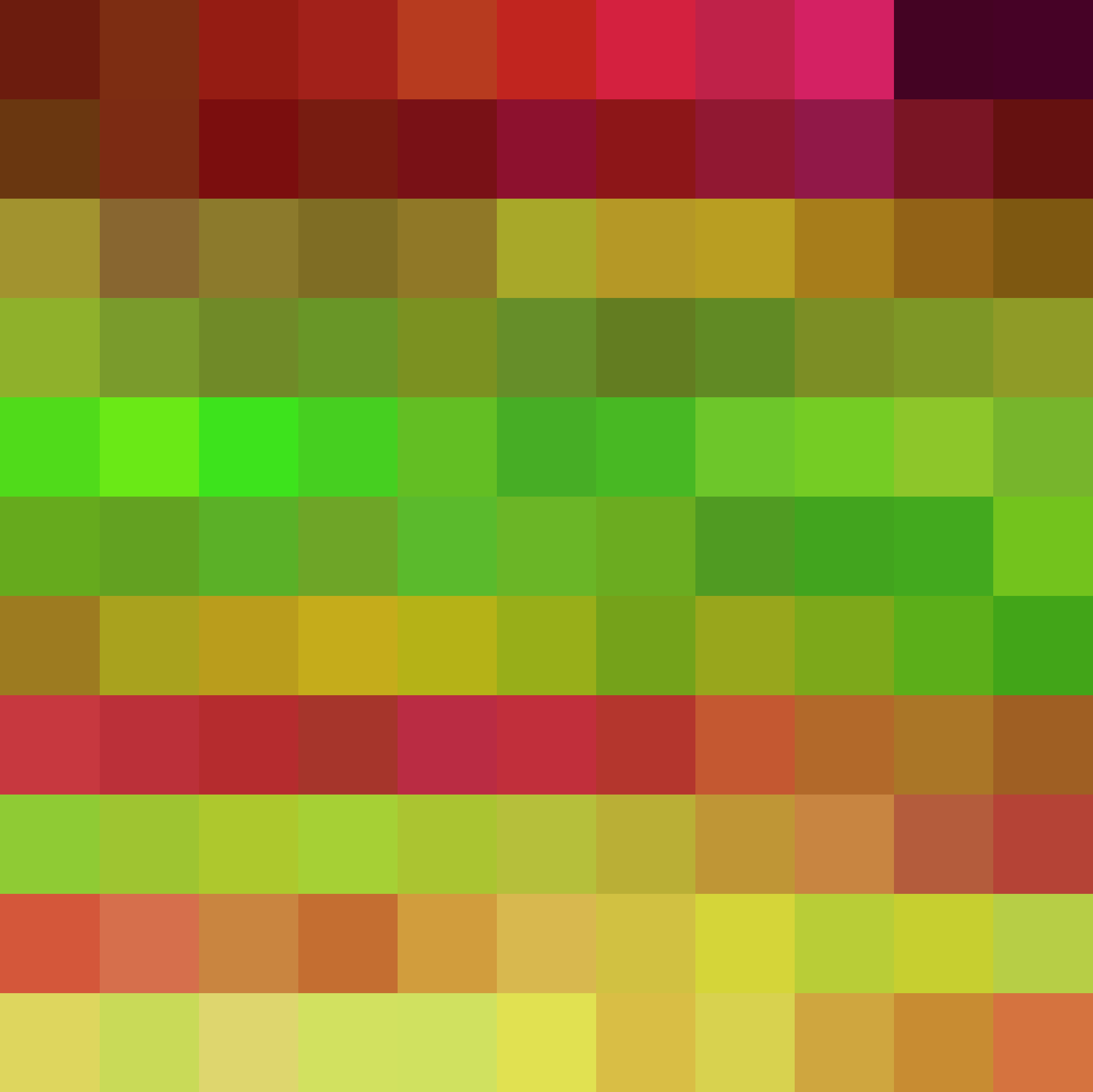
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has some purple, some indigo, some yellow, a bit of violet, a bit of magenta, a bit of orange, a little bit of lime, a tiny bit of cyan, and a tiny bit of blue in it.

A colourful grid of 64 blocks. It's mostly blue, and it also has quite some indigo, quite some cyan, a little bit of green, and a tiny bit of violet in it.
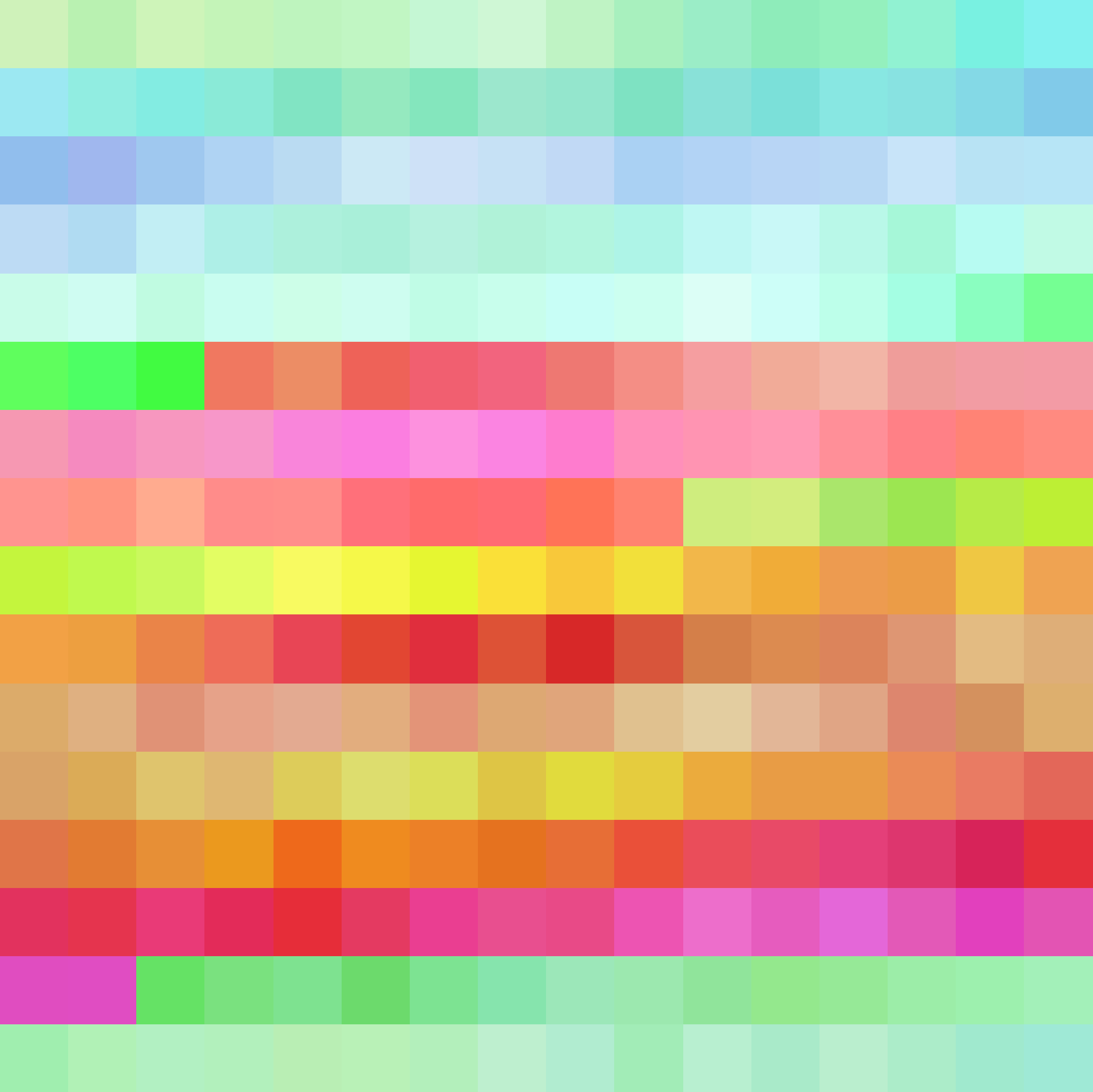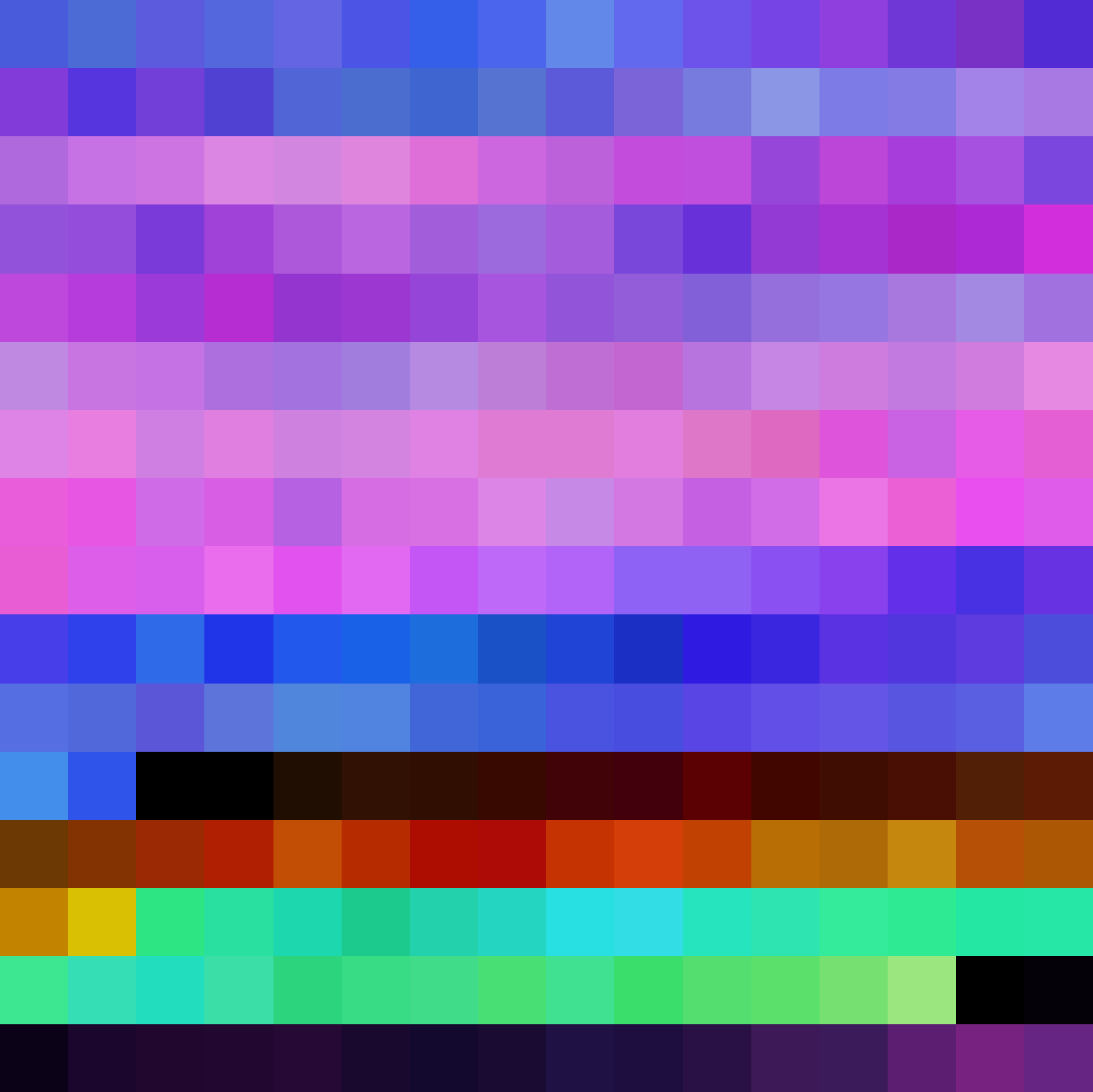
This very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, and it also has quite some green, some orange, a bit of cyan, a bit of blue, a little bit of yellow, and a tiny bit of lime in it.

The cells in this 11 by 11 pixel grid form a very colourful gradient. It is mostly yellow, and it also has quite some green, quite some red, some orange, a bit of lime, and a little bit of rose in it.

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

The very, very colourful gradient in this 16 by 16 pixel grid is mostly purple, and it also has some blue, some indigo, some magenta, a bit of violet, a bit of green, a bit of orange, a little bit of red, a little bit of cyan, and a tiny bit of yellow in it.
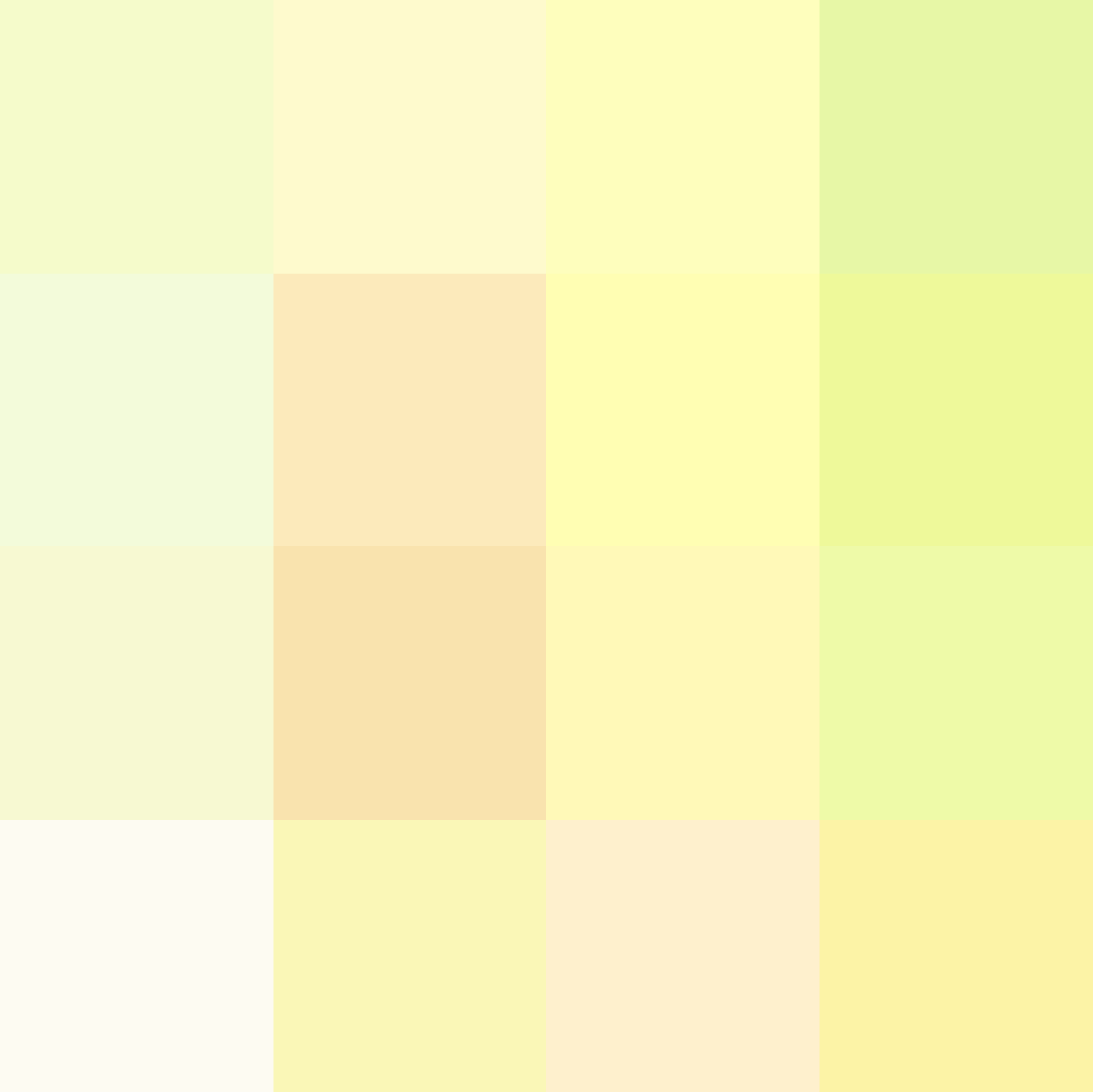
There's a pixel gradient in this 4 by 4 grid. It is mostly yellow, but it also has some orange, and some lime in it.

Here's a 14 by 14 pixelated grid that forms a very, very colourful gradient. It is mostly cyan, but it also has quite some blue, some indigo, some green, some yellow, a little bit of orange, a tiny bit of lime, a tiny bit of red, and a tiny bit of violet in it.
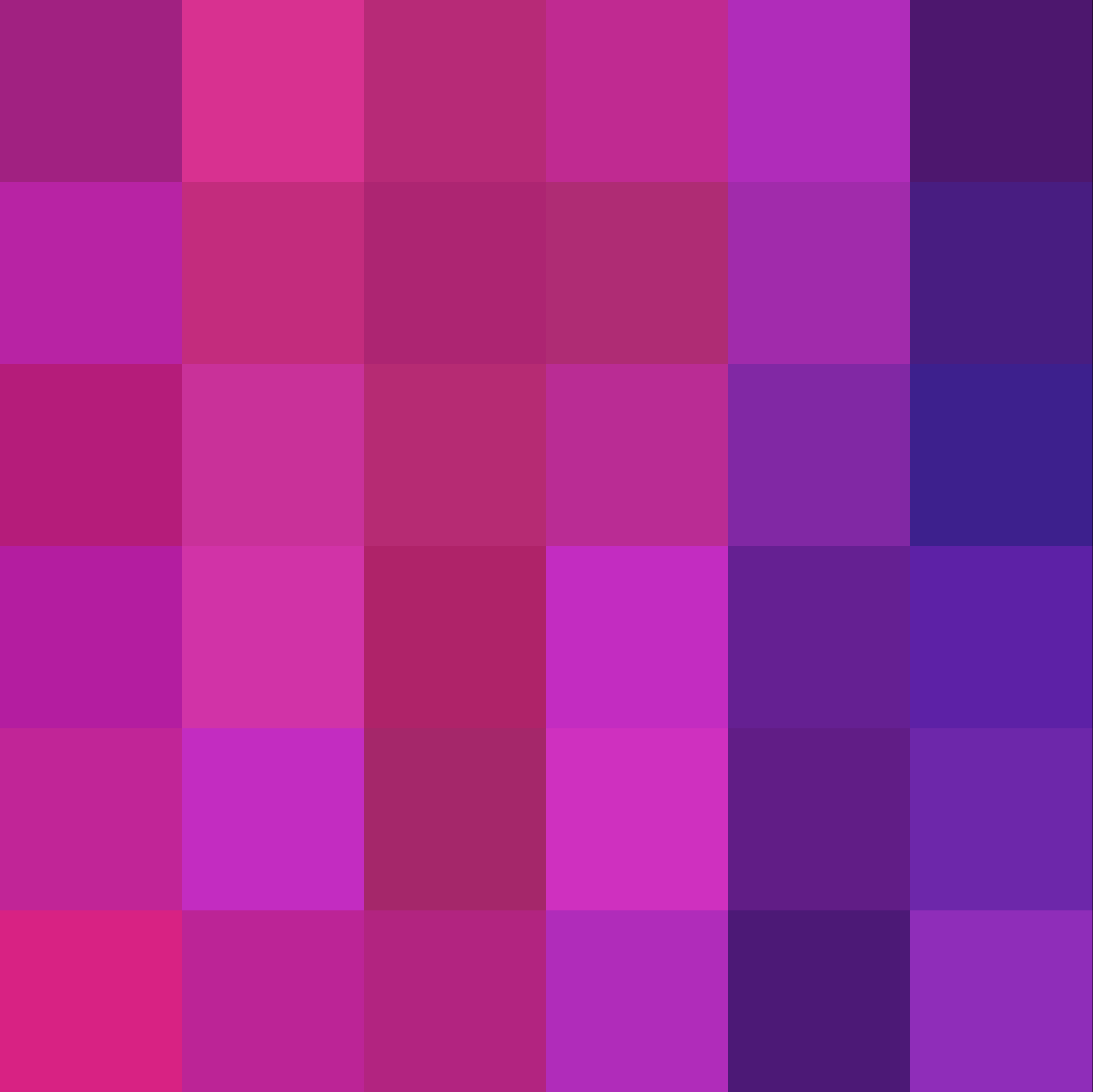
This colourful pixel gradient—it is 6 cells wide, 6 cells high—is mostly magenta, but it also has some rose, some purple, a little bit of violet, and a little bit of indigo in it.
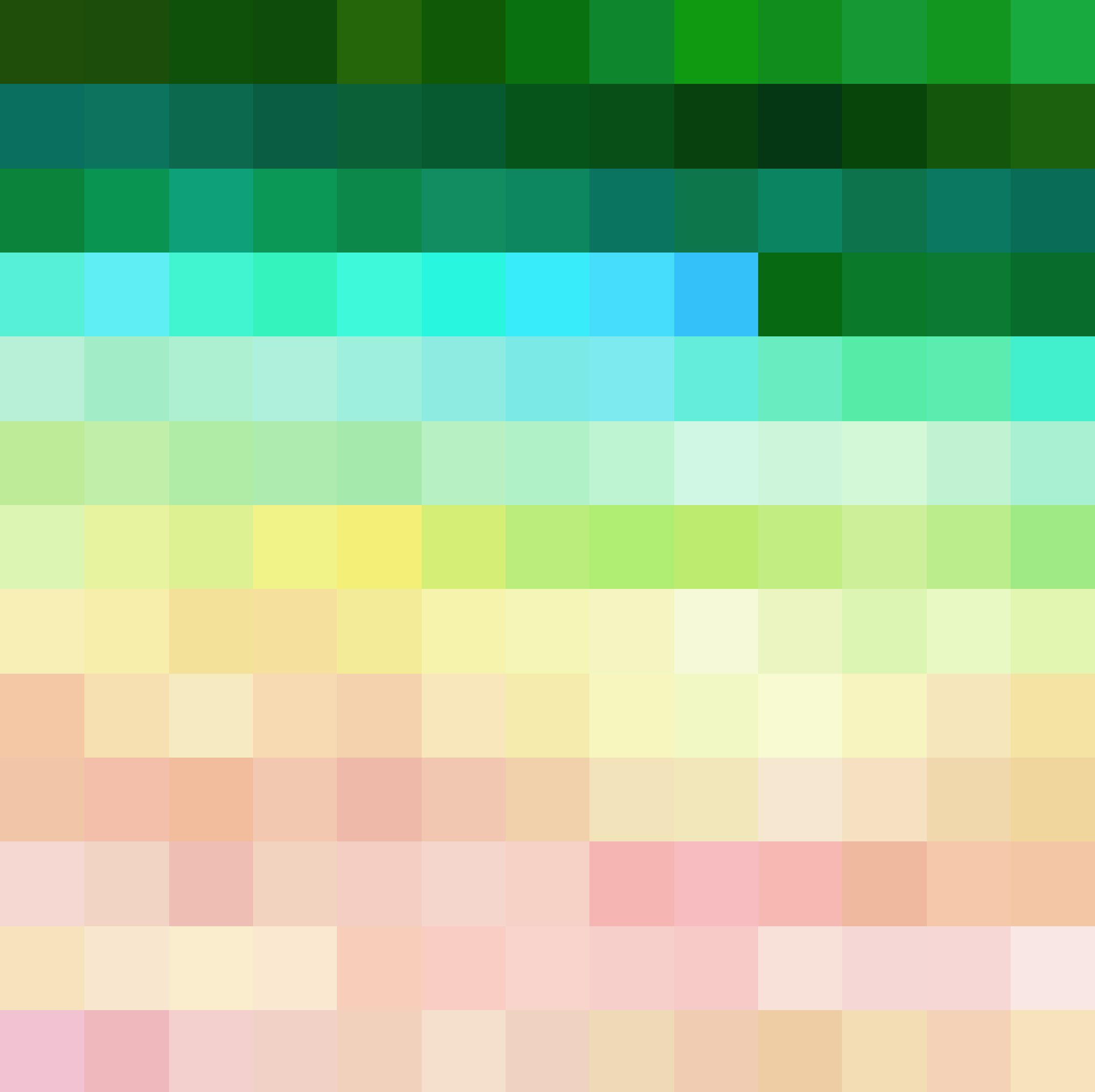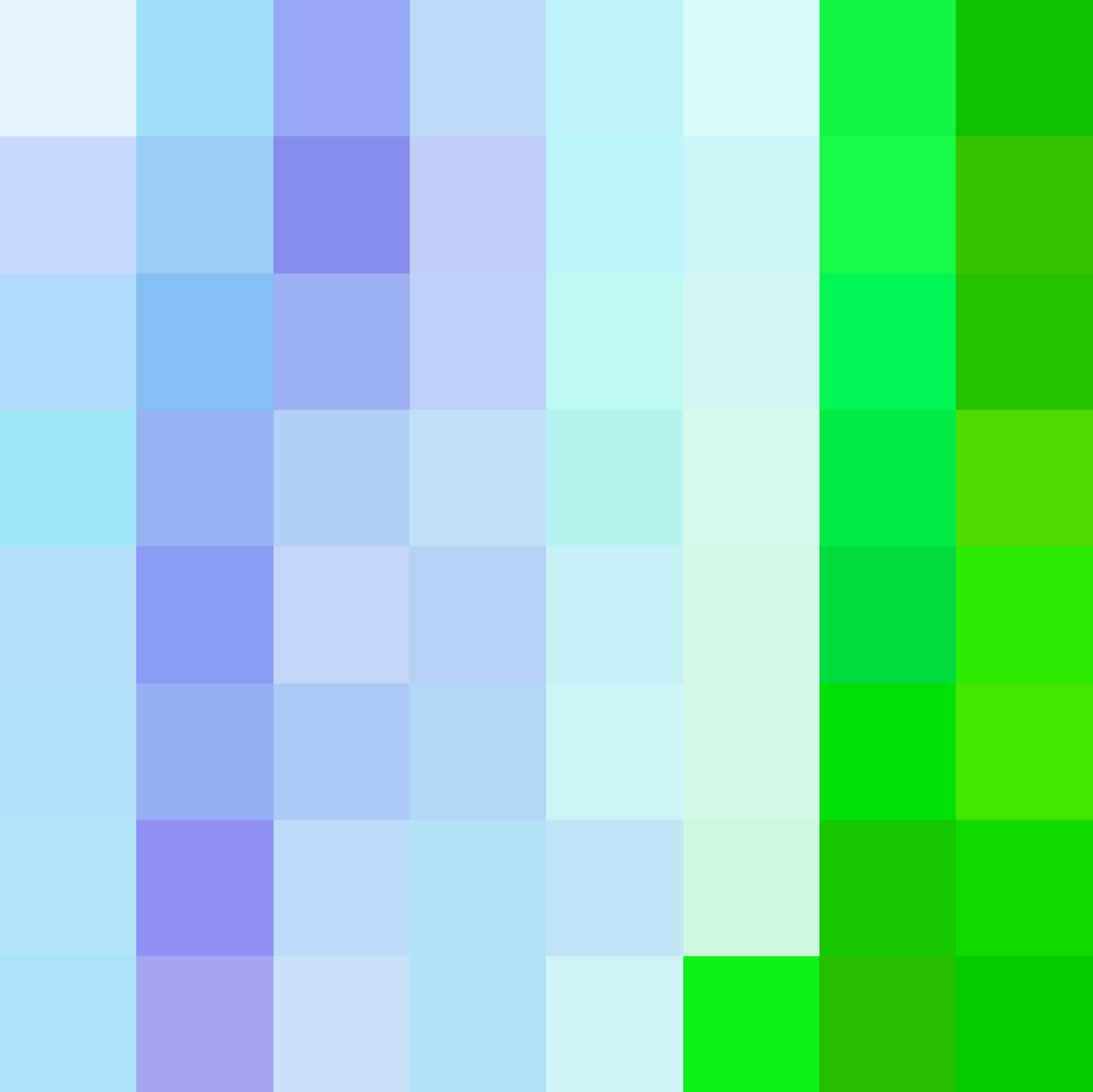
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some orange, some red, some cyan, some yellow, a little bit of lime, and a tiny bit of blue in it.

A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly orange, but it also has a lot of red in it.
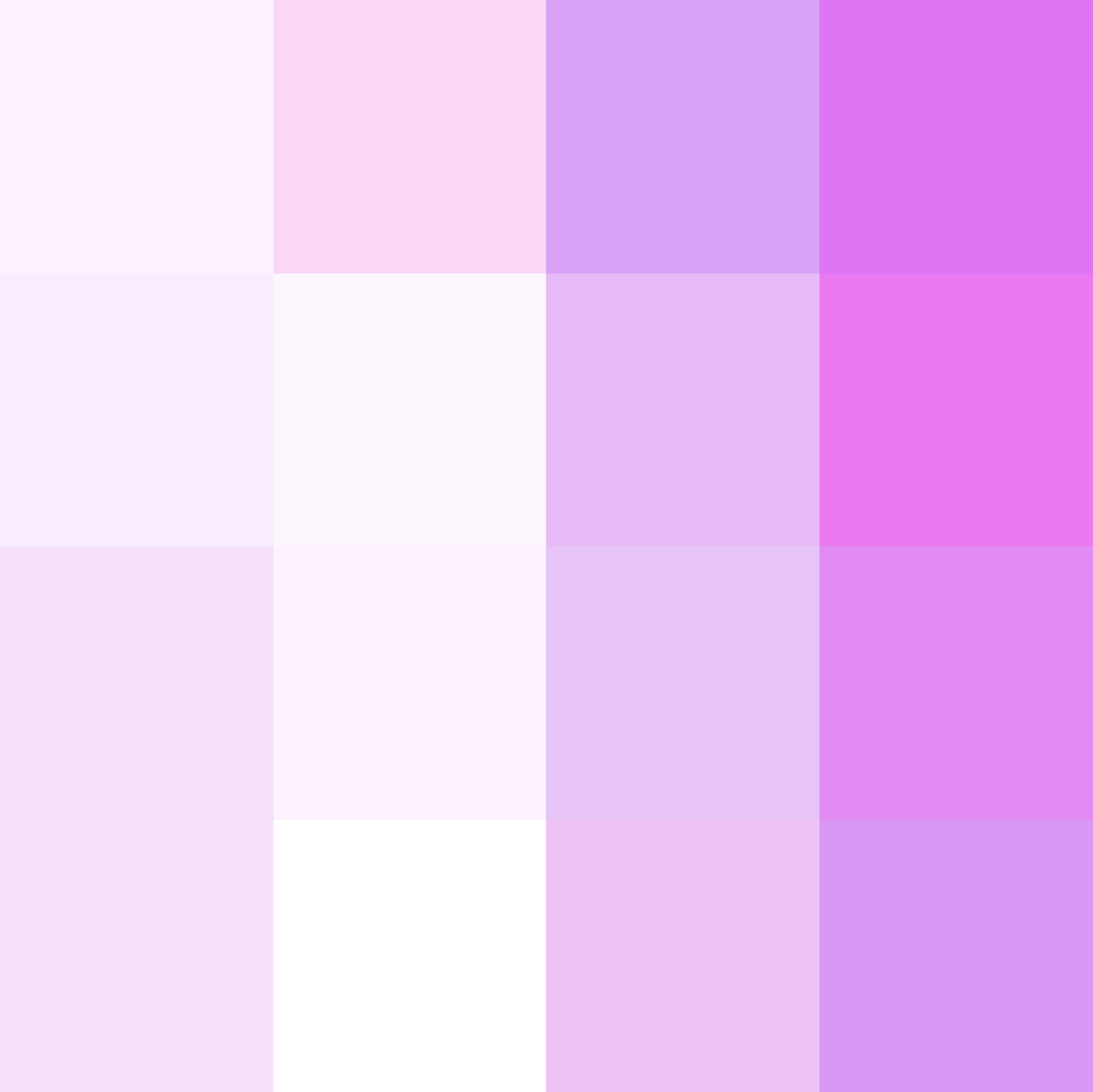
Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly magenta, and it also has a lot of purple in it.
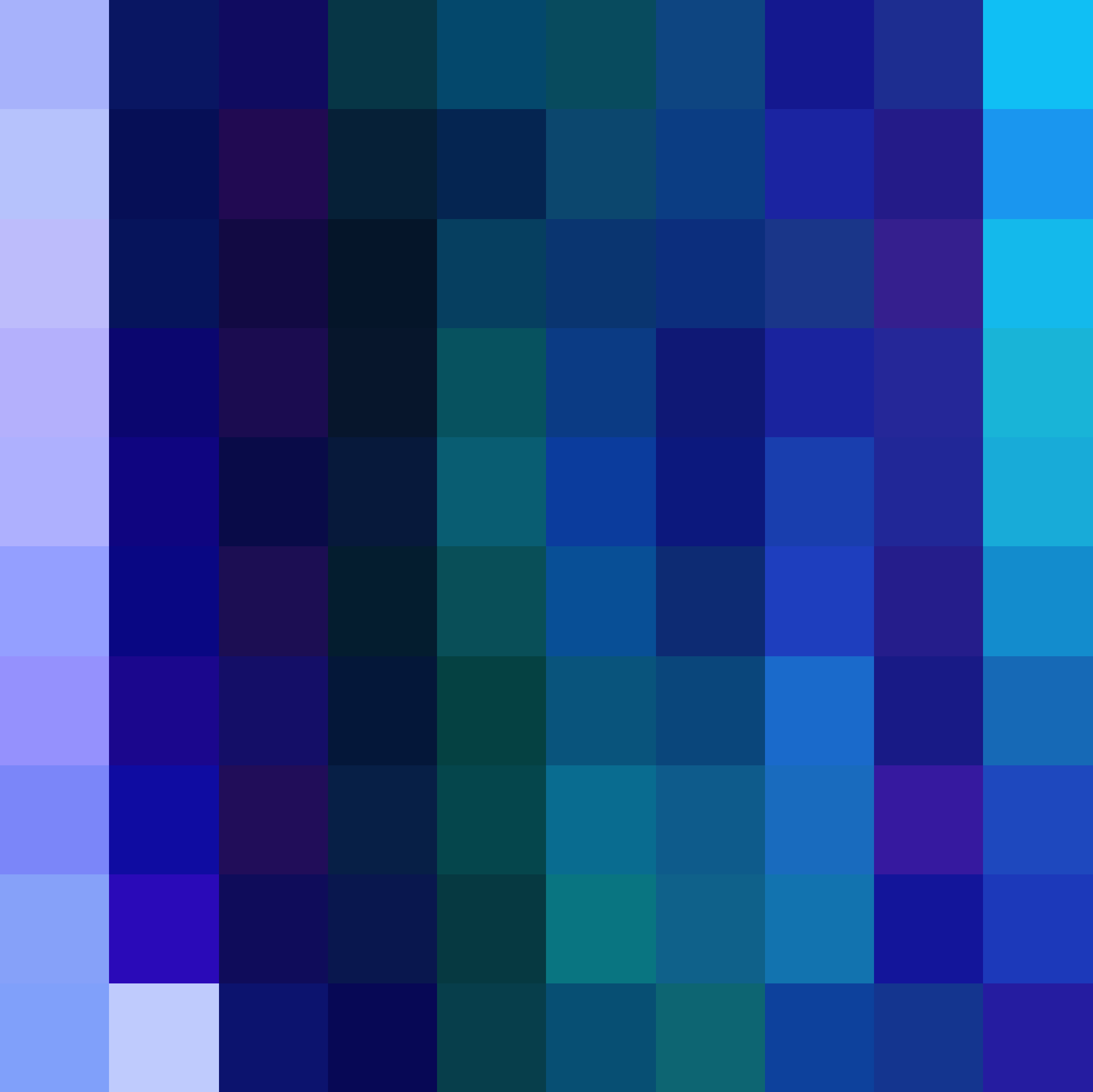
An 8 by 8 grid with coloured squares that form a
gradient. The colours are various shades of
mostly blue, but it also has quite some green,
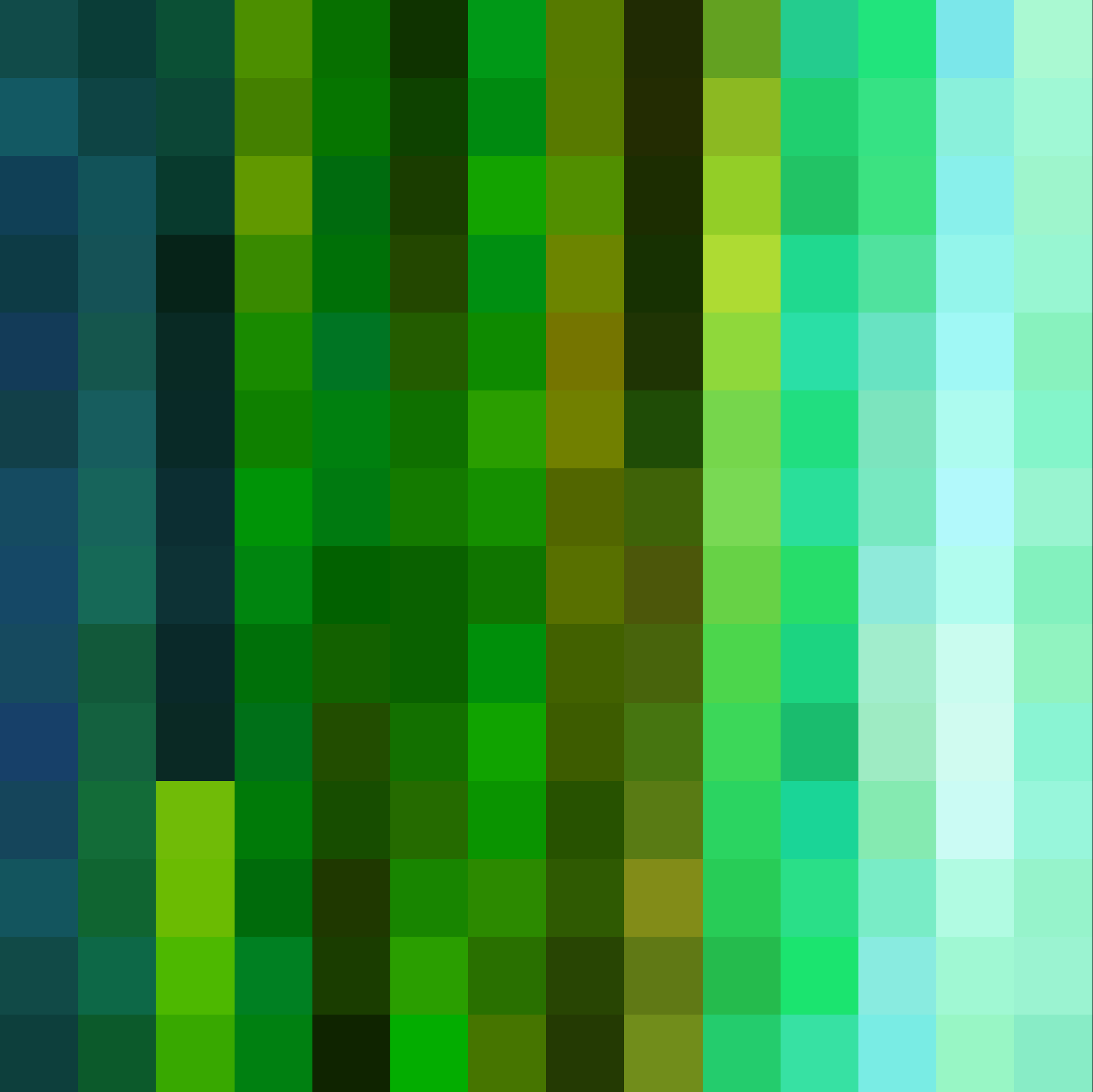some cyan, and a tiny bit of indigo in it.
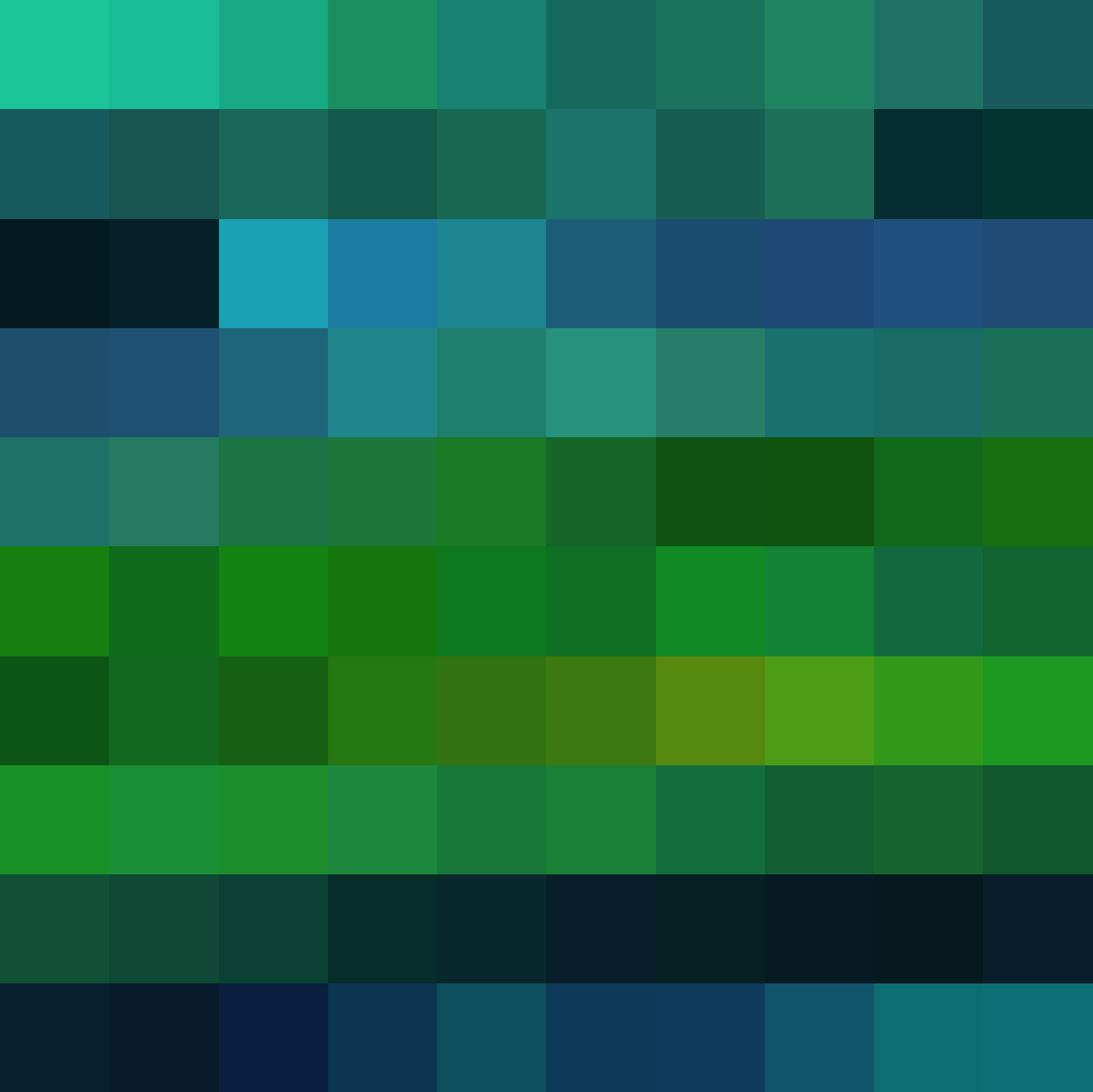
Here's a 10 by 10 pixelated grid that forms a gradient. It is mostly green, and it also has quite some cyan, and quite some blue in it.

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

This gradient, generated in this 10 by 10 pixel grid, is mostly blue, but it also has quite some indigo, and some cyan in it.

The colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has some cyan, a bit of lime, a little bit of blue, and a tiny bit of yellow in it.
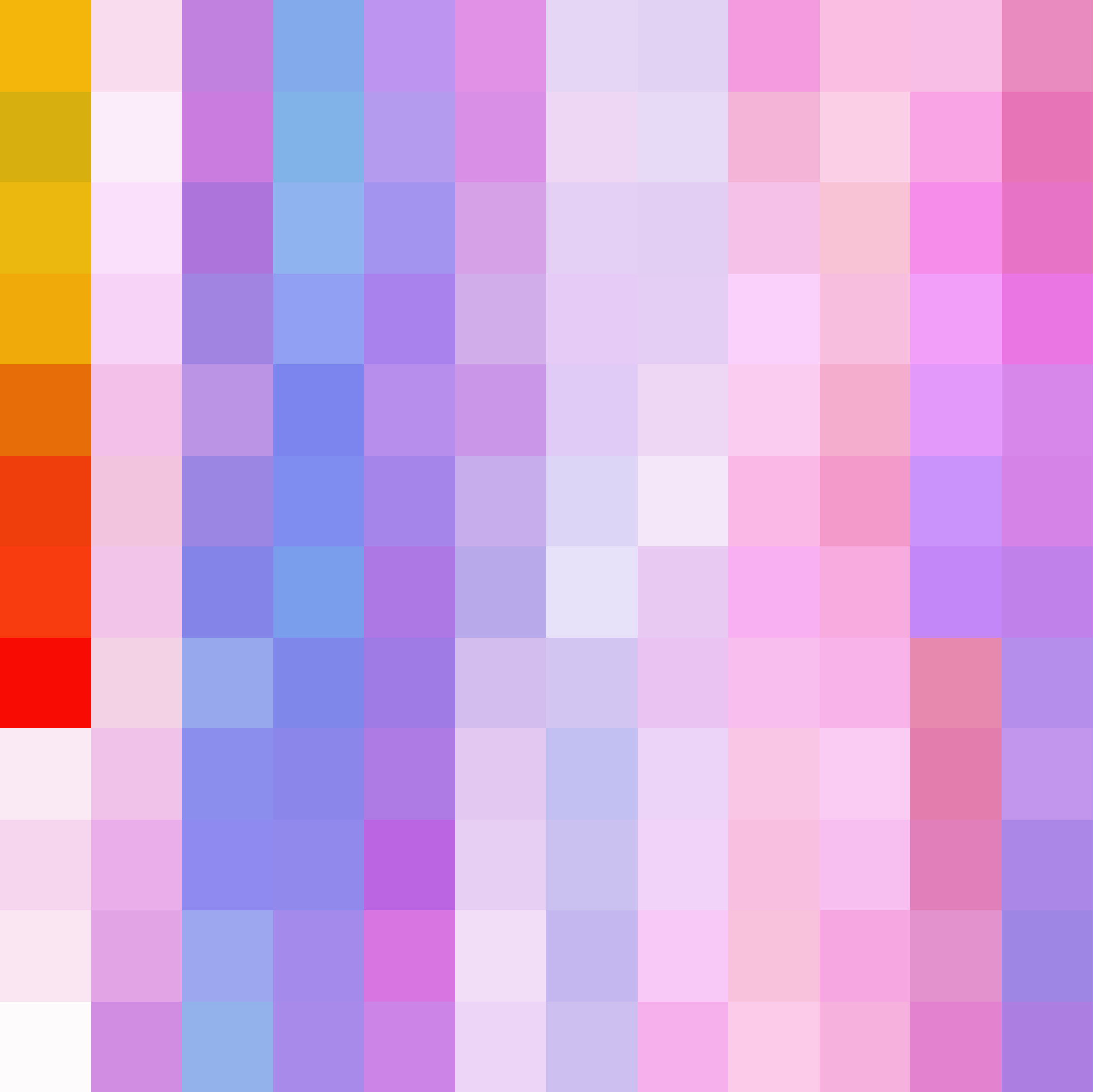
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some indigo, a bit of violet, a bit of blue, a bit of rose, a tiny bit of orange, a tiny bit of red, and a tiny bit of yellow in it.
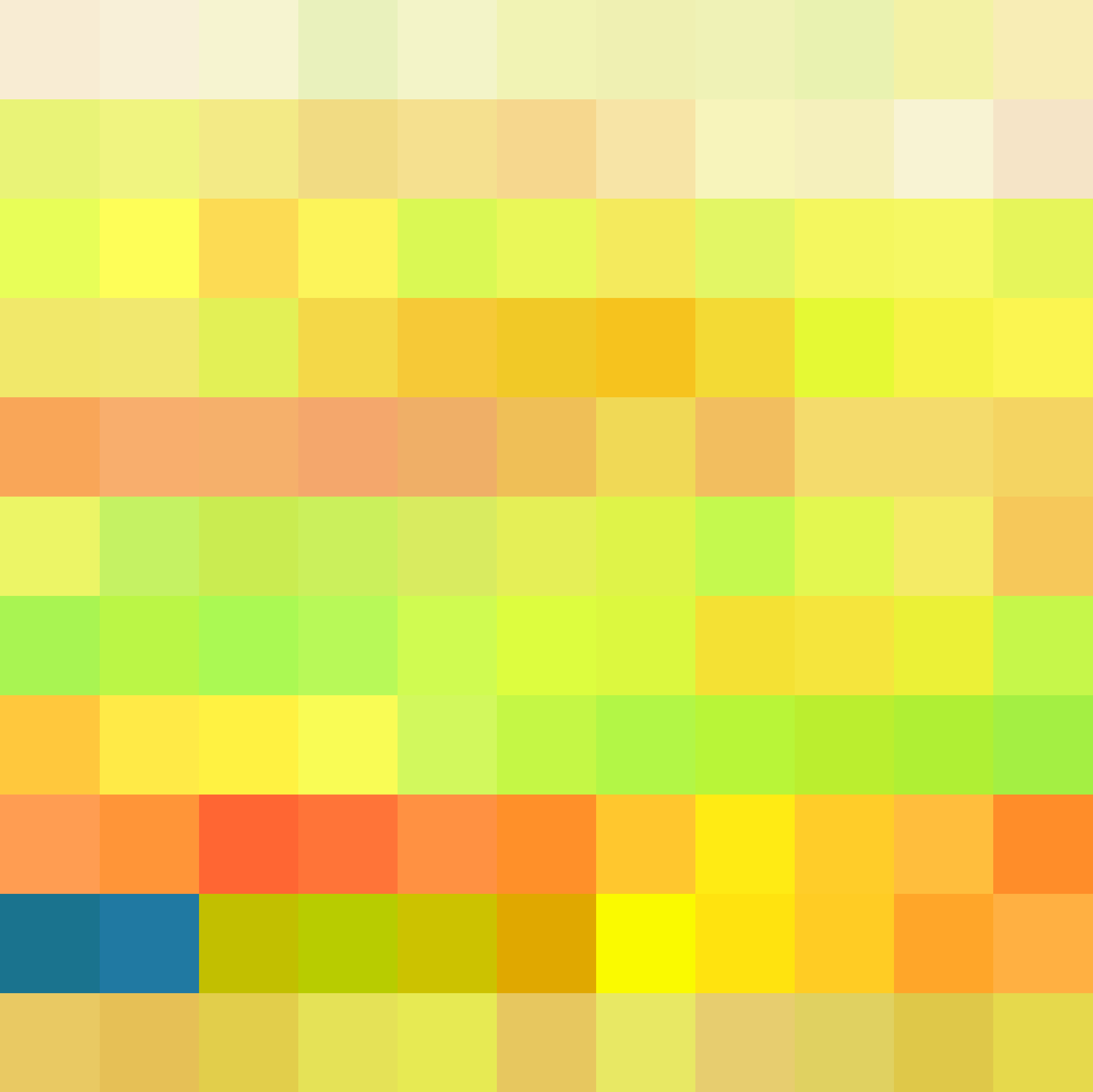
The very colourful gradient in this 11 by 11 pixel grid is mostly yellow, but it also has quite some orange, a bit of lime, a little bit of green, a tiny bit of blue, and a tiny bit of red in it.

A grid with 196 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has some orange, some red, some yellow, a bit of lime, and a little bit of magenta in it.

A very colourful grid of 49 blocks. It's mostly purple, but it also has quite some green, some indigo, some violet, a bit of magenta, and a bit of blue in it.
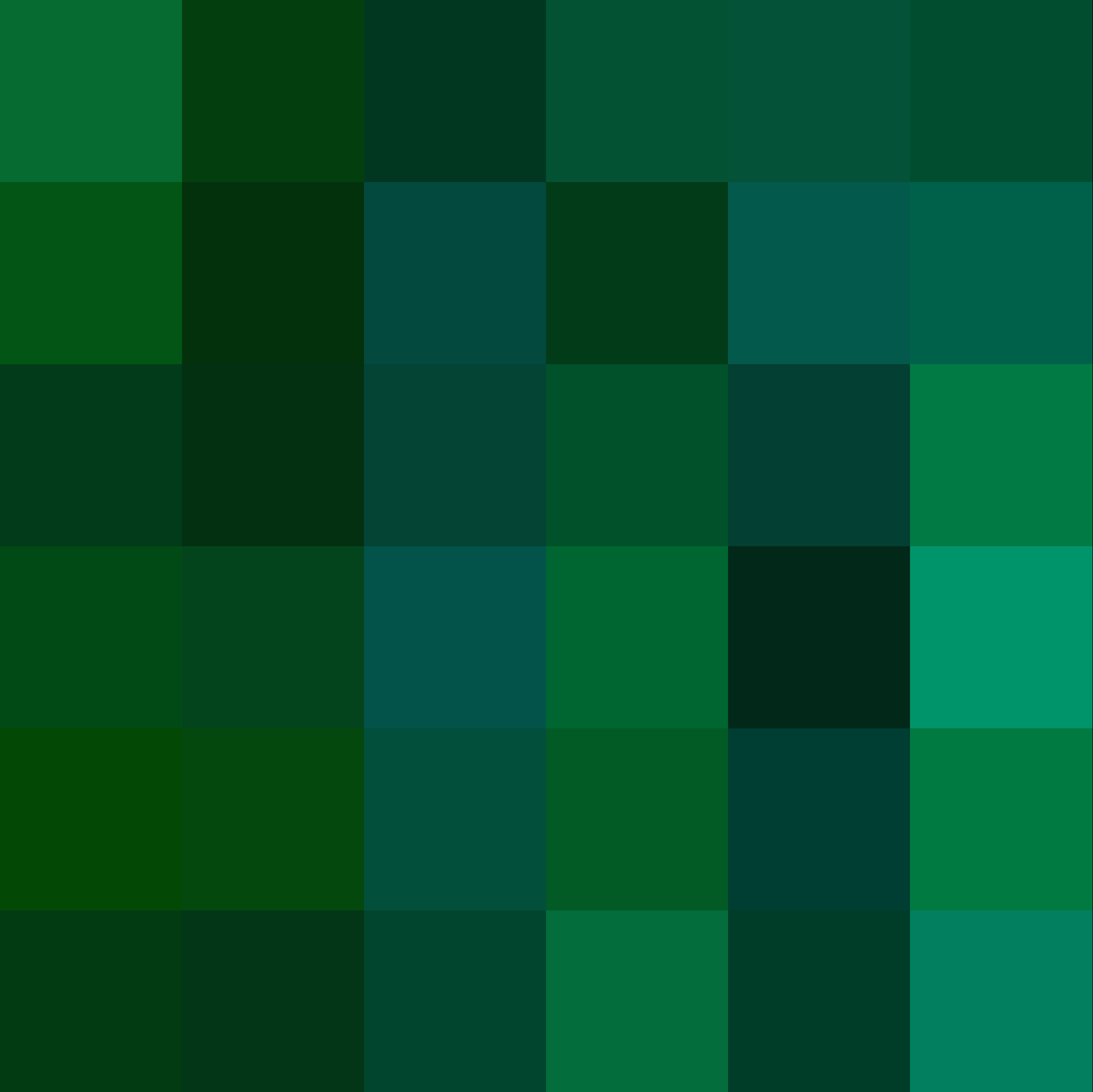
There's a pixel gradient in this 8 by 8 grid. It is mostly orange, and it also has quite some yellow, a bit of red, and a little bit of lime in it.
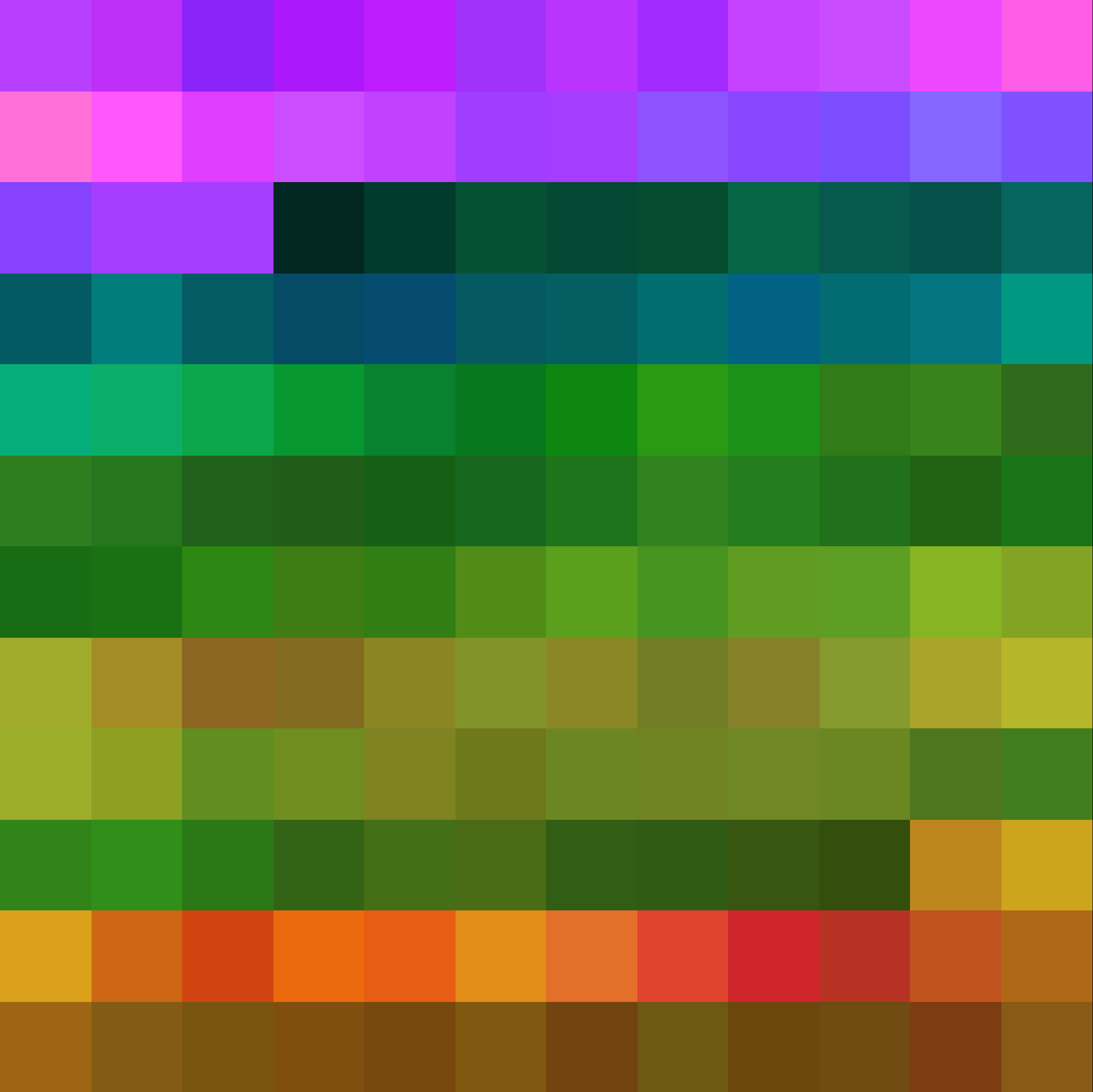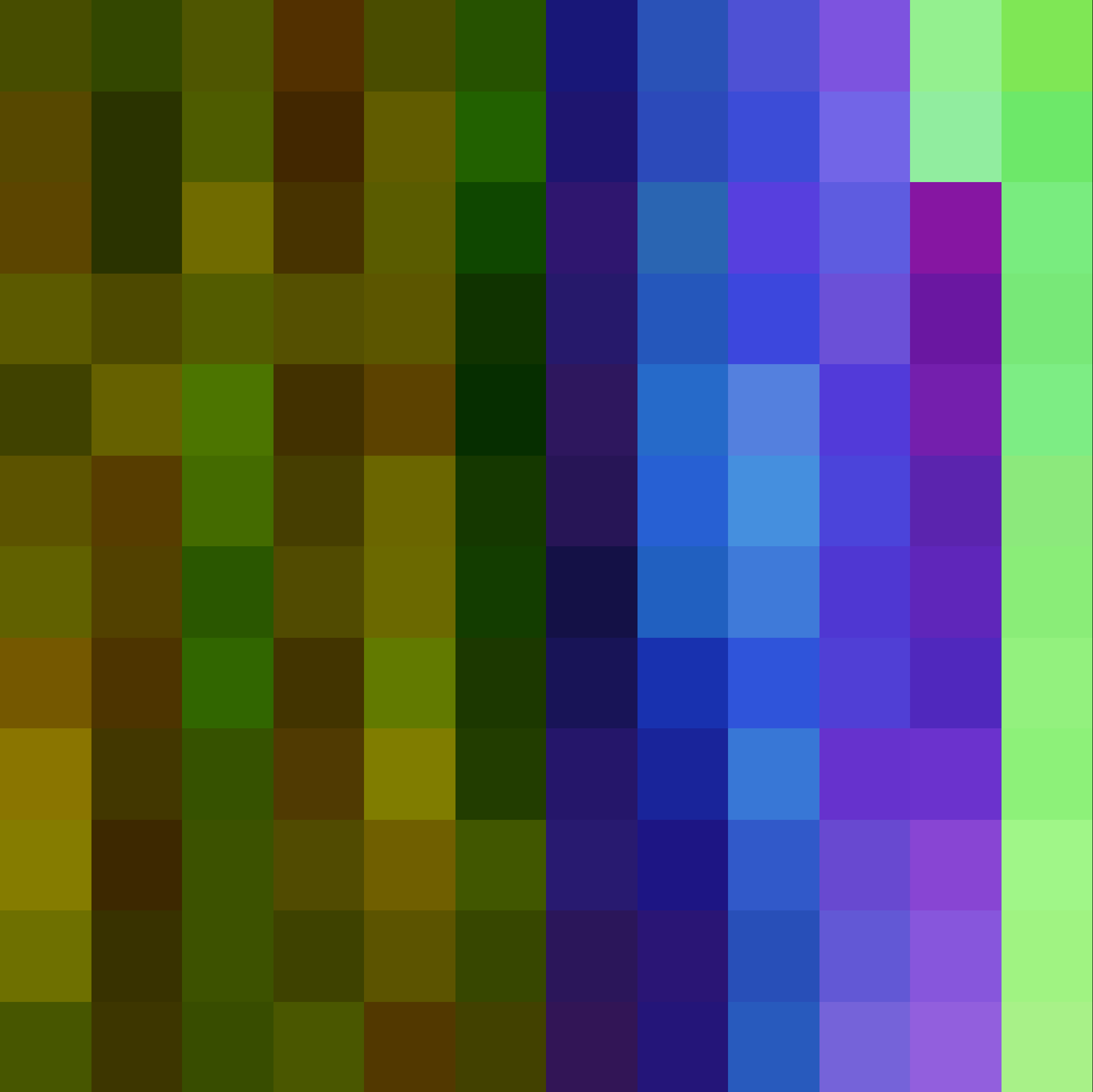
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some orange, some purple, a bit of yellow, a bit of cyan, a little bit of lime, a little bit of violet, a little bit of magenta, a tiny bit of indigo, a tiny bit of blue, and a tiny bit of red in it.

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

Here's a 6 by 6 pixelated grid that forms a two tone gradient. It is mostly green, but it also has quite some cyan in it.
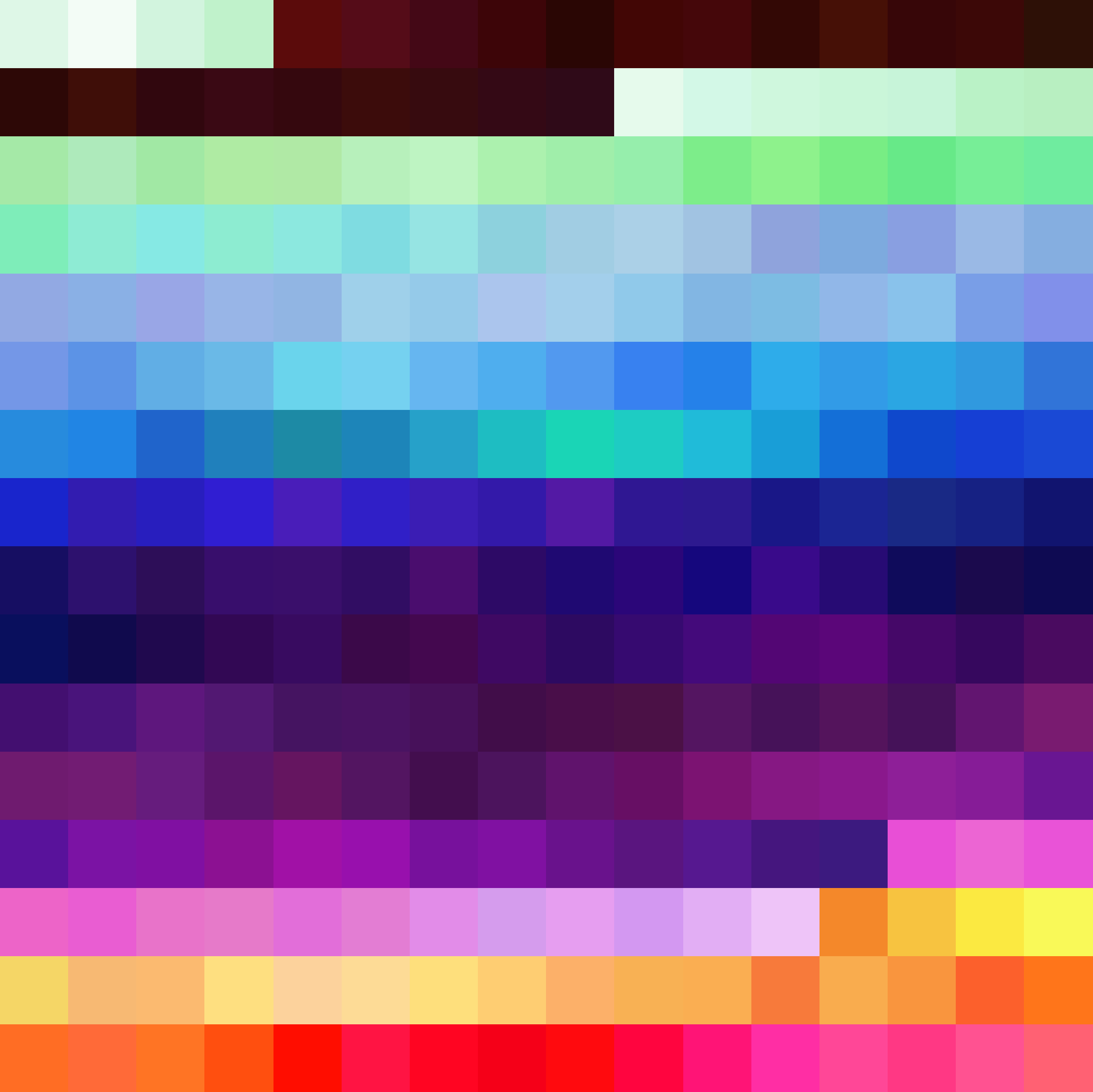
The very, very colourful gradient in this 12 by 12 pixel grid is mostly yellow, but it also has some green, some indigo, some blue, a bit of orange, a little bit of lime, a little bit of violet, and a tiny bit of purple in it.
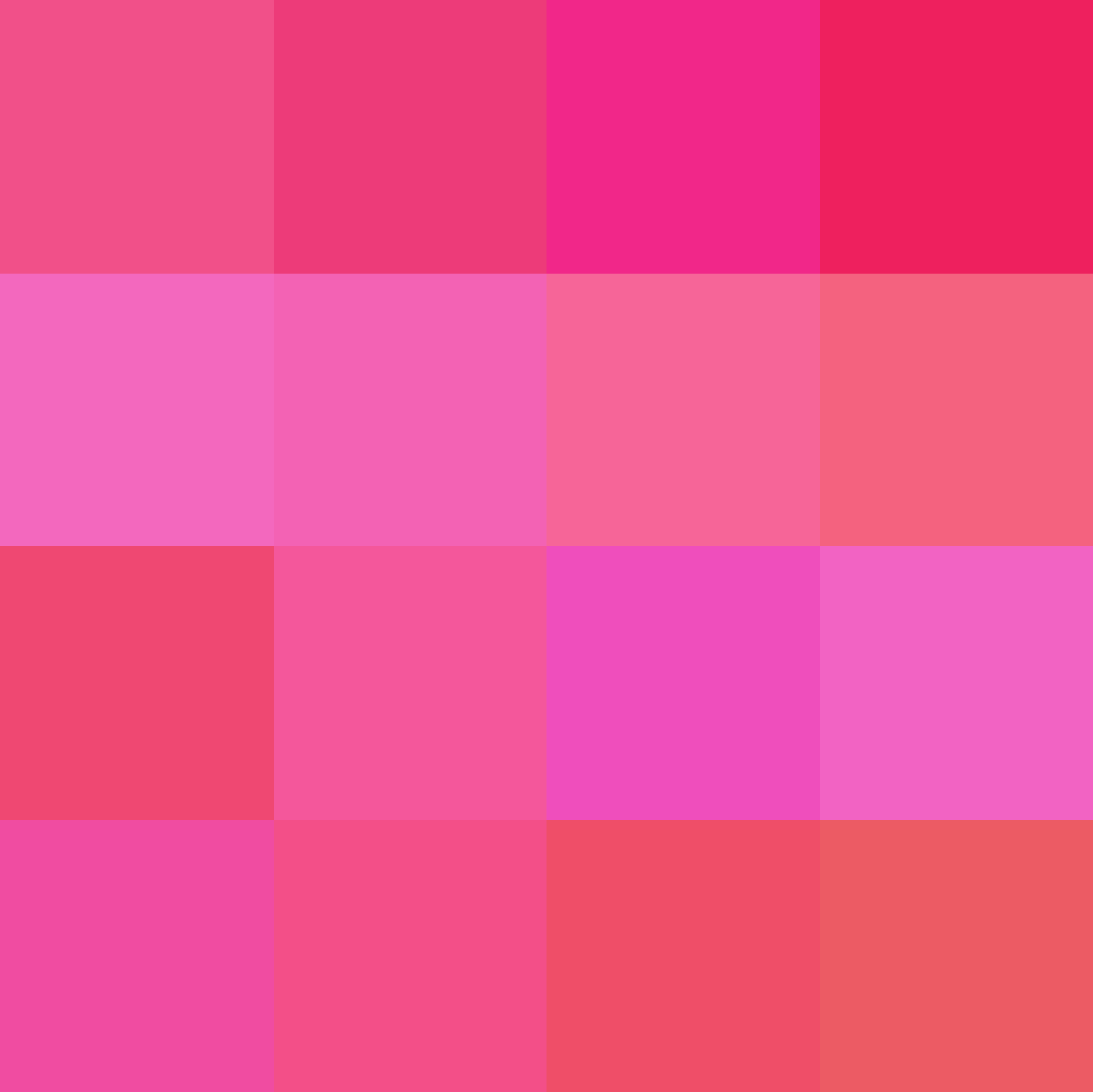
Here's a 7 by 7 pixelated grid that forms a monochrome gradient. It is blue.
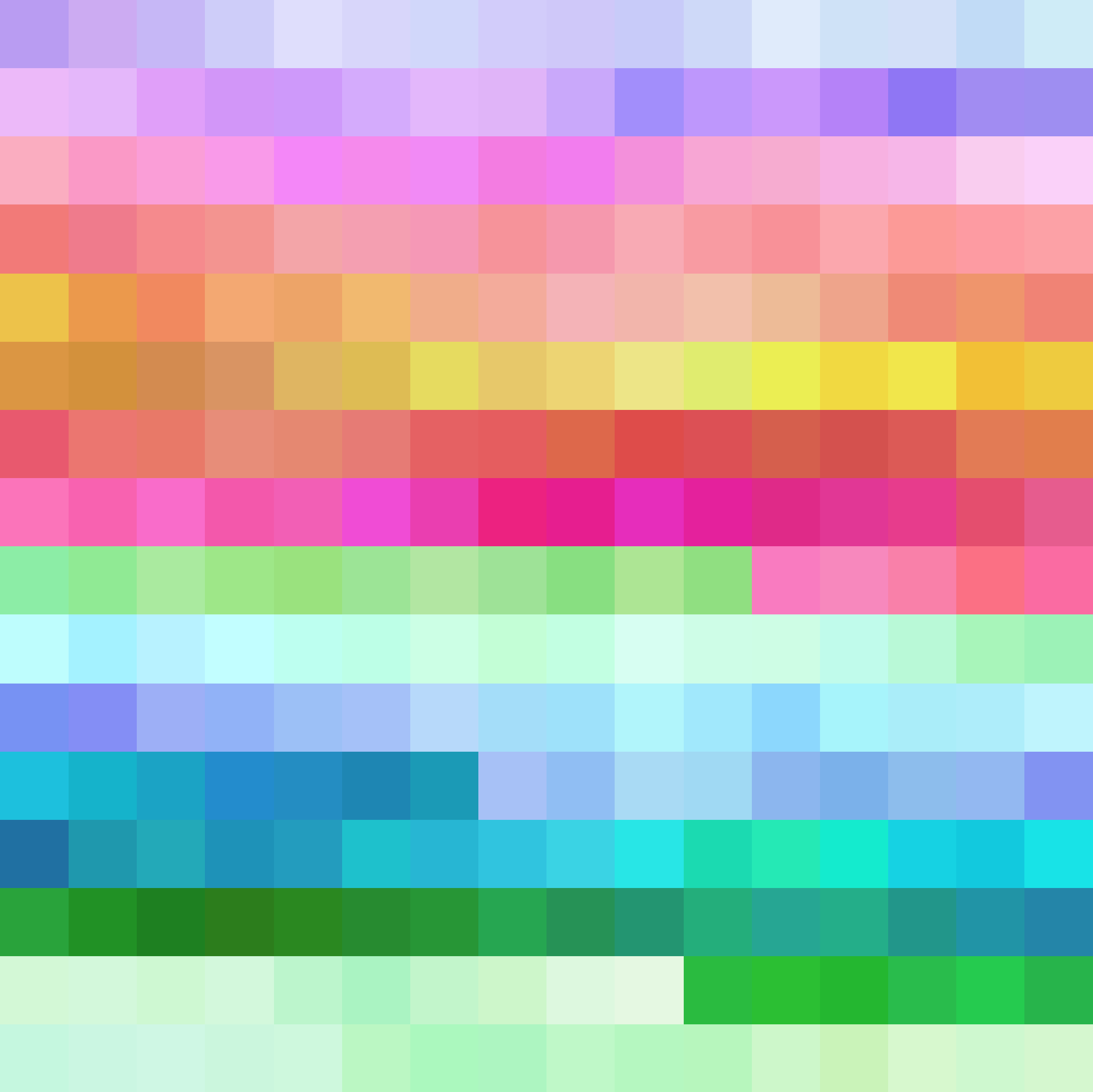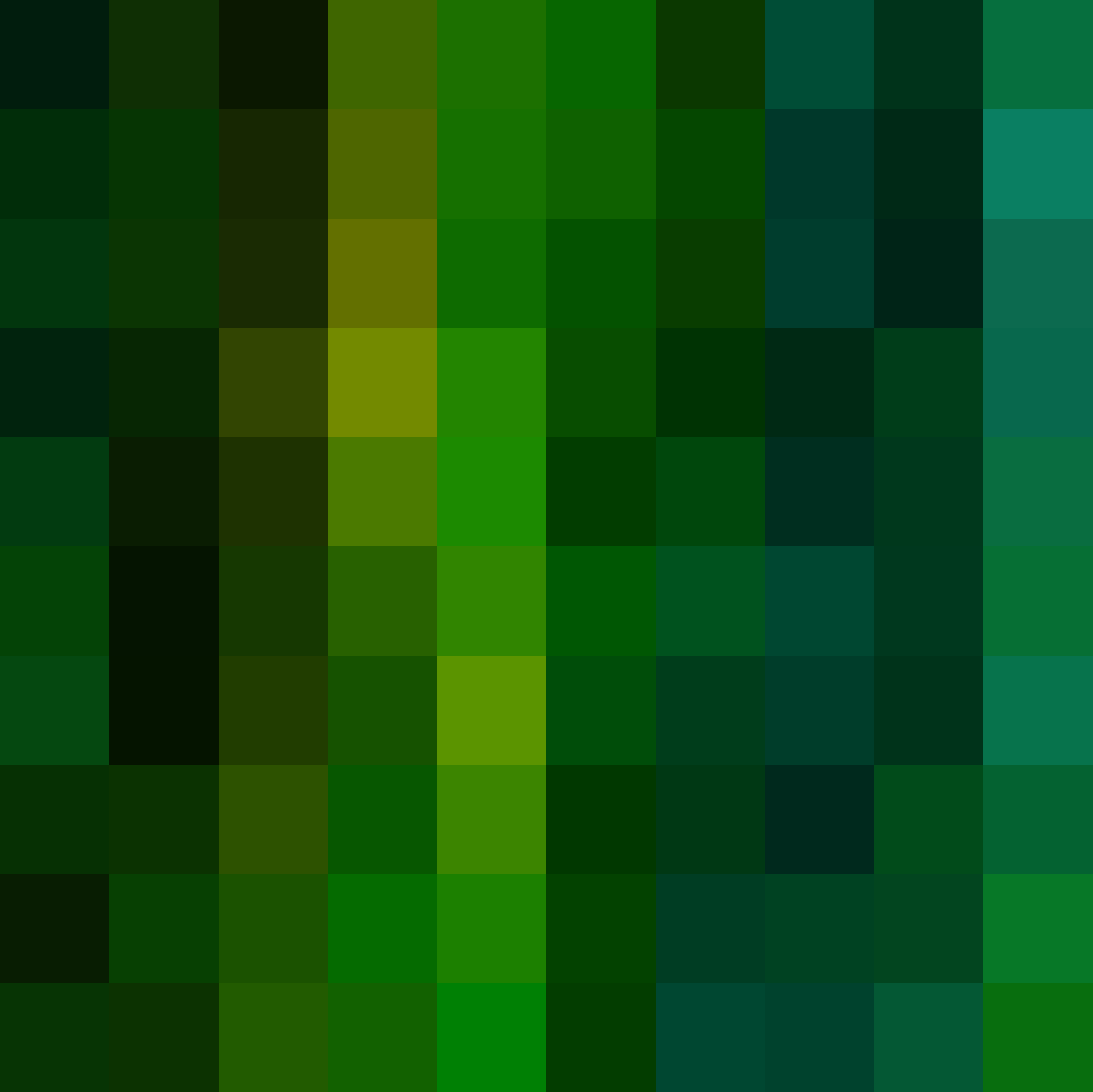
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some red, some blue, some cyan, a bit of magenta, a bit of orange, a little bit of rose, a little bit of indigo, a little bit of purple, a little bit of yellow, and a tiny bit of violet in it.

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

A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly rose, and it also has quite some red, and quite some magenta in it.
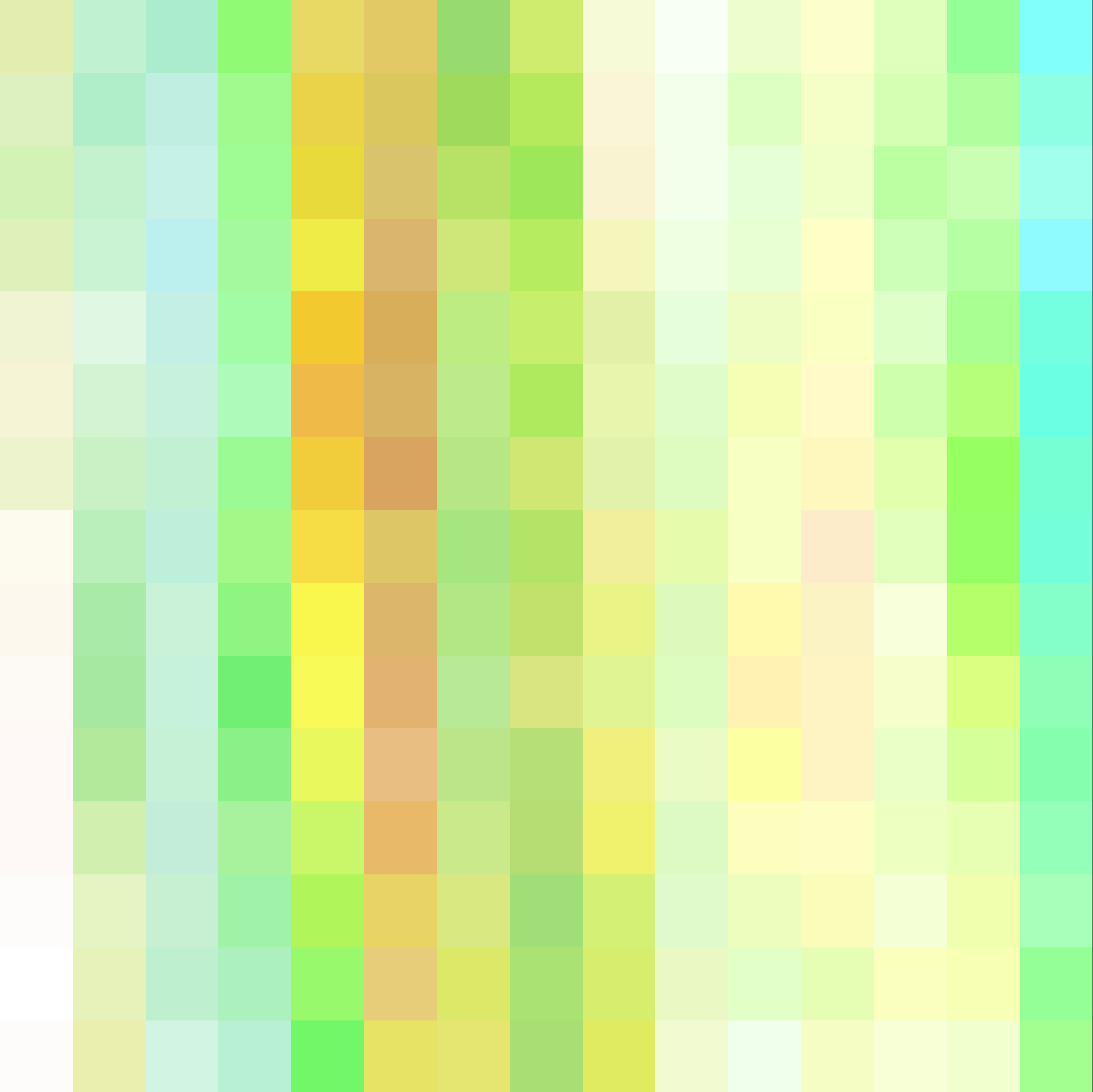
This gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has a little bit of cyan, a tiny bit of lime, and a tiny bit of yellow in it.
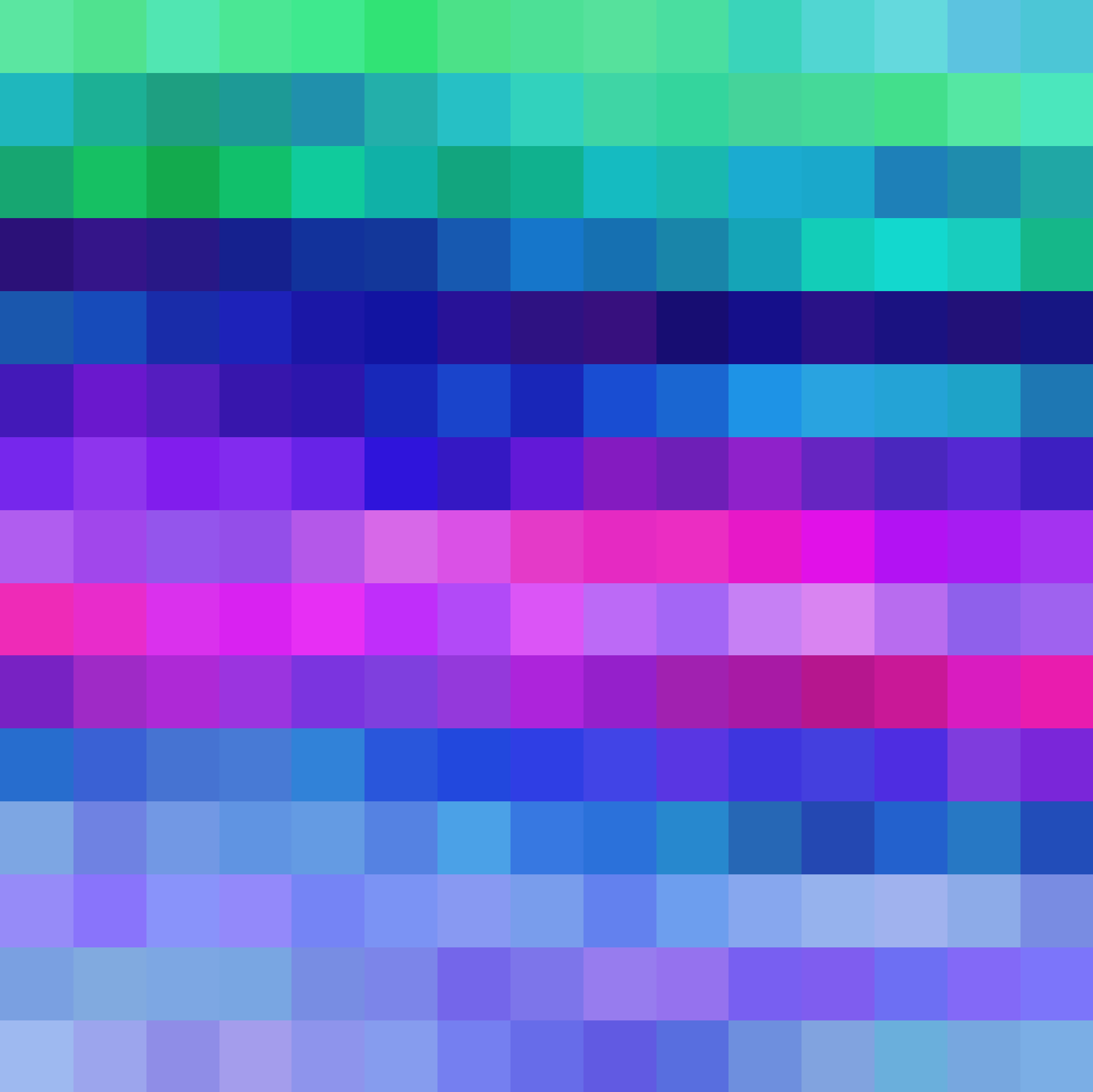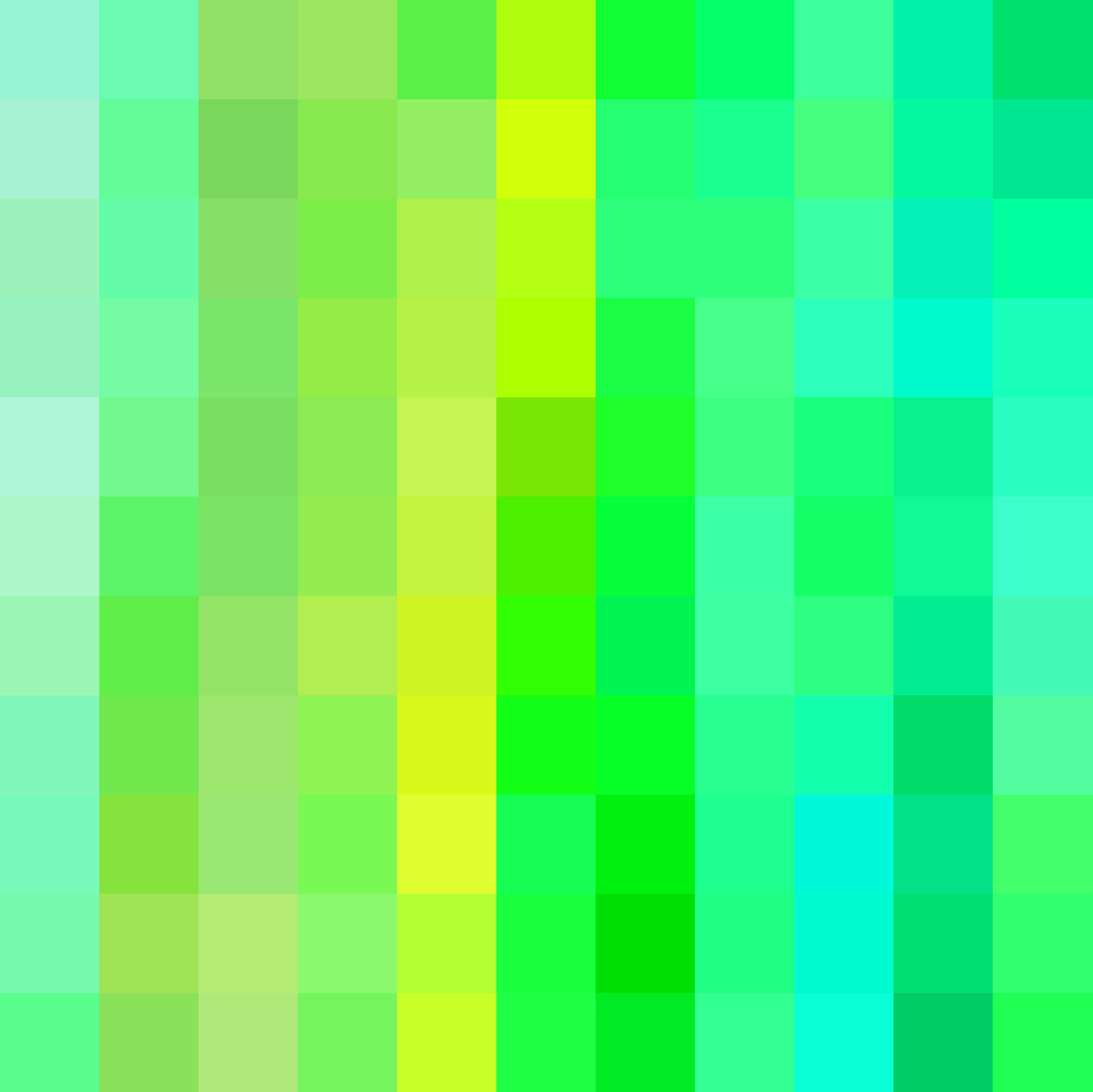
A grid with 225 coloured squares that form a
very colourful gradient. The colours are various
shades of mostly blue, but it also has some
indigo, some cyan, a bit of purple, a bit of green,
a bit of violet, and a bit of magenta in it.
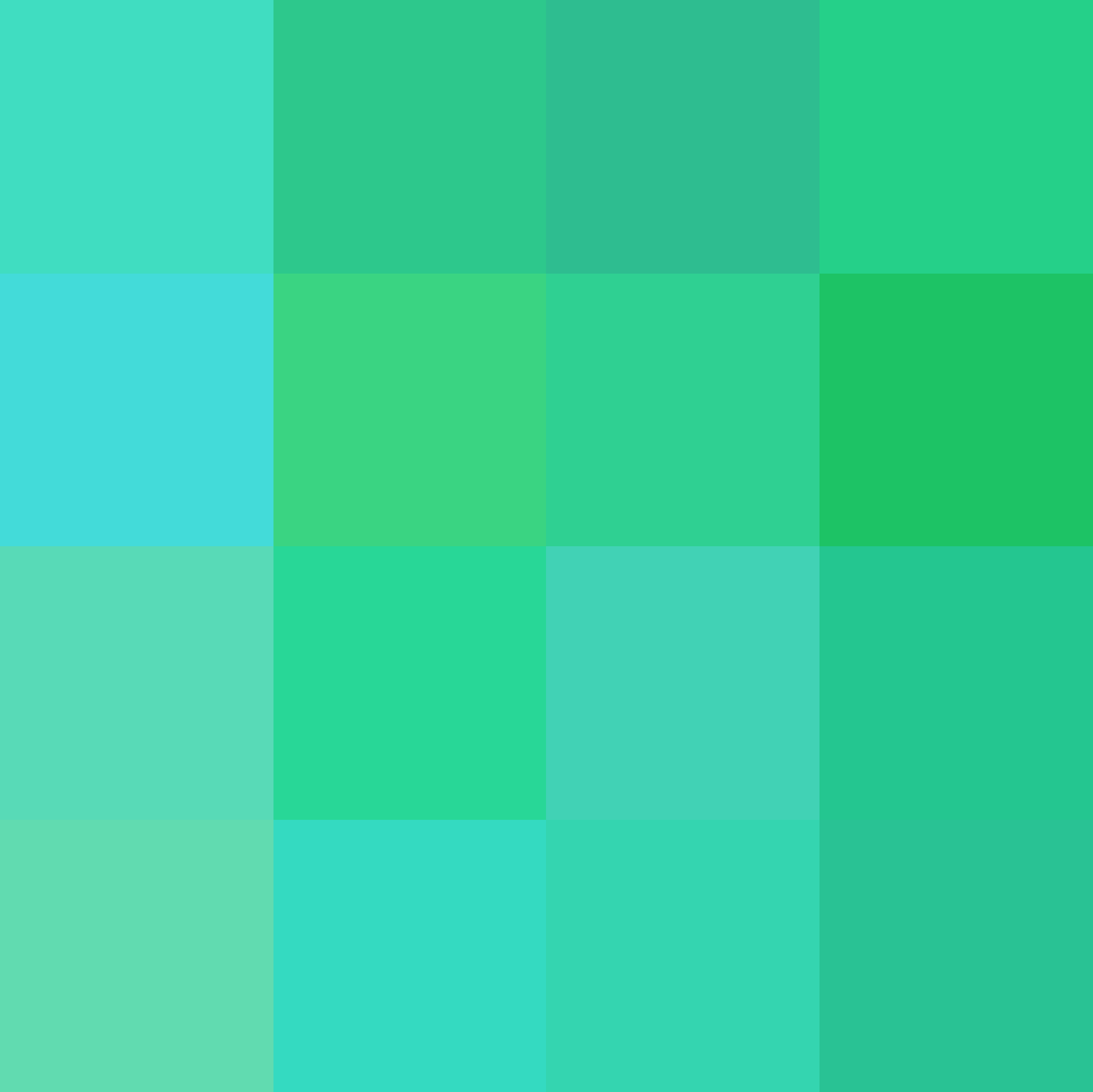
The two tone gradient in this 4 by 4 pixel grid is mostly green, and it also has quite some cyan in it.

This very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, but it also has quite some yellow, some lime, a bit of orange, a little bit of cyan, and a tiny bit of red in it.

Here's an 11 by 11 pixelated grid that forms a gradient. It is mostly green, but it also has a little bit of lime, a little bit of cyan, and a tiny bit of yellow in it.
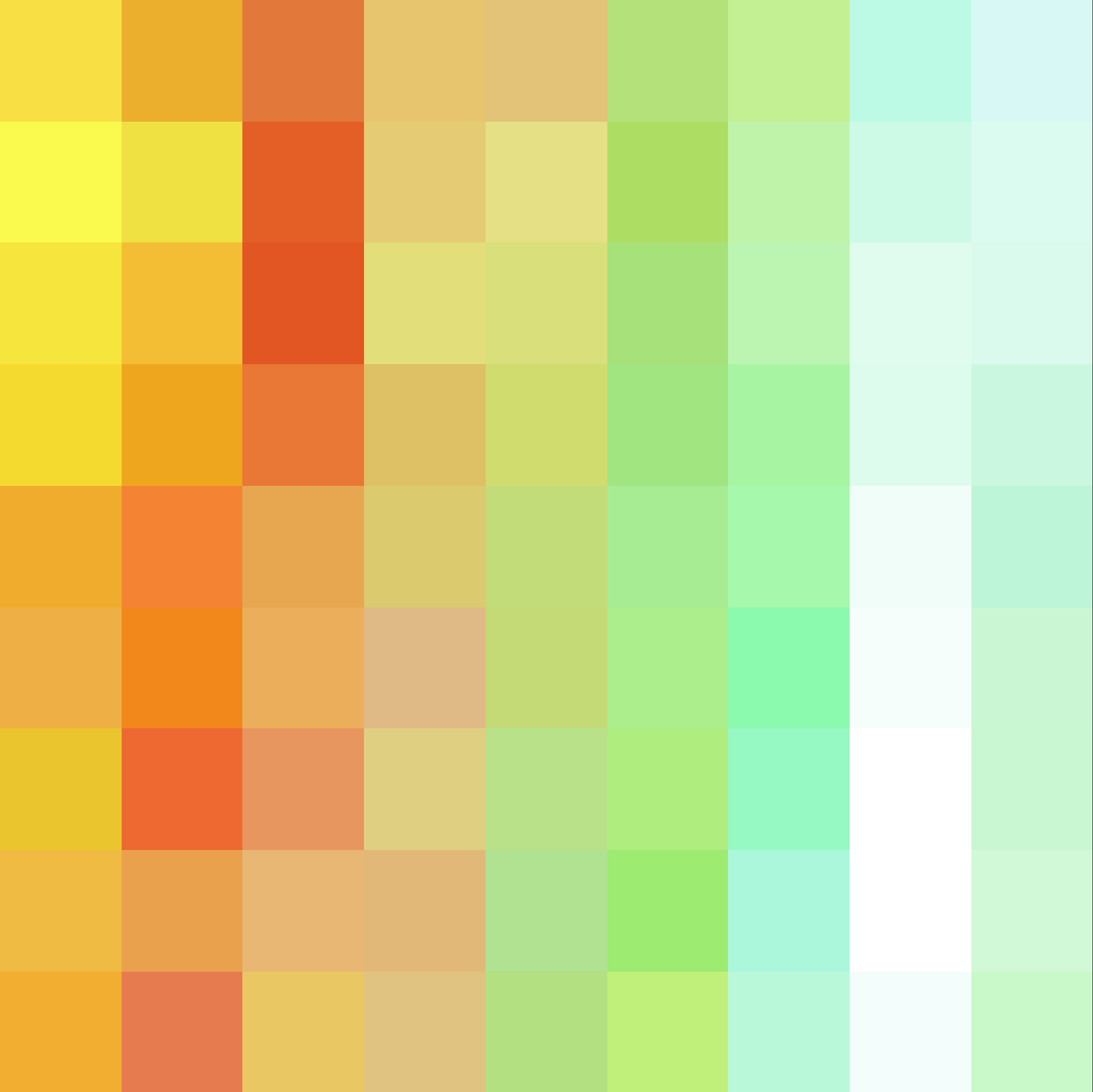
This colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly green, and it also has quite some orange, some yellow, a little bit of cyan, and a tiny bit of lime in it.
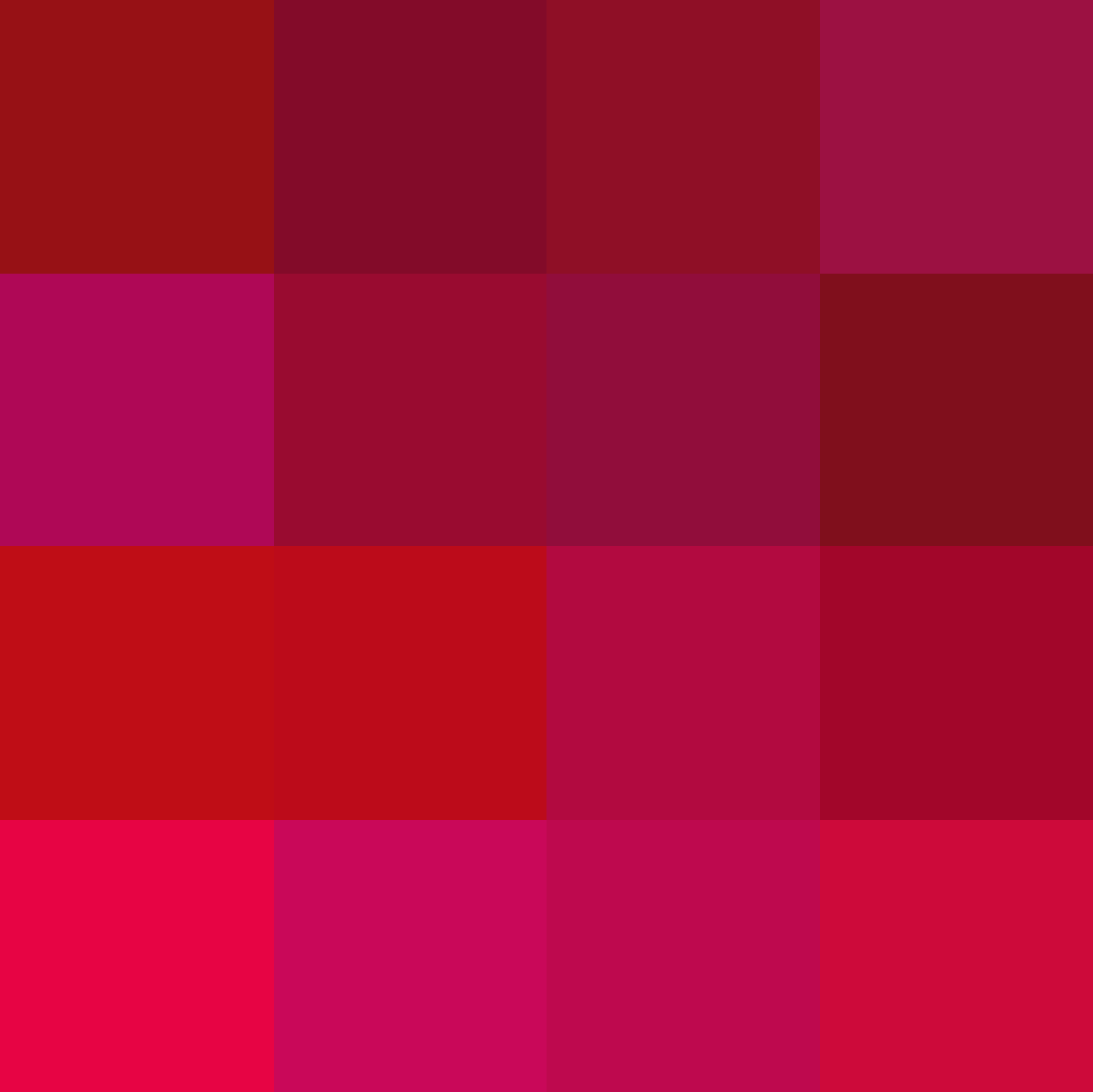
This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly rose, but it also has a lot of red in it.

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 quite some magenta, some orange, some rose, a little bit of yellow, a little bit of green, a little bit of purple, a tiny bit of lime, a tiny bit of blue, and a tiny bit of indigo in it.
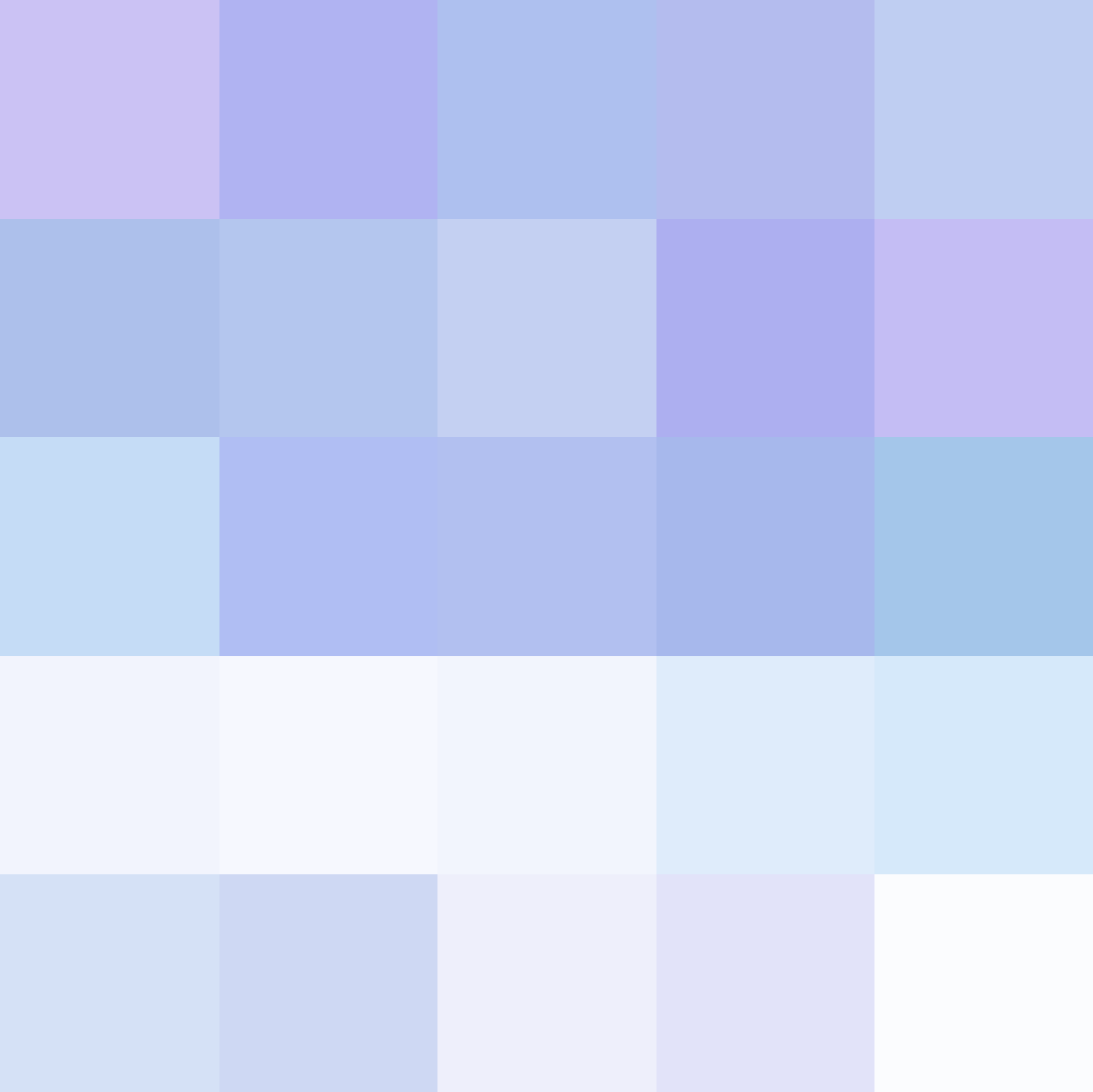
A two tone grid of 25 blocks. It's mostly blue, and it also has a bit of indigo in it.
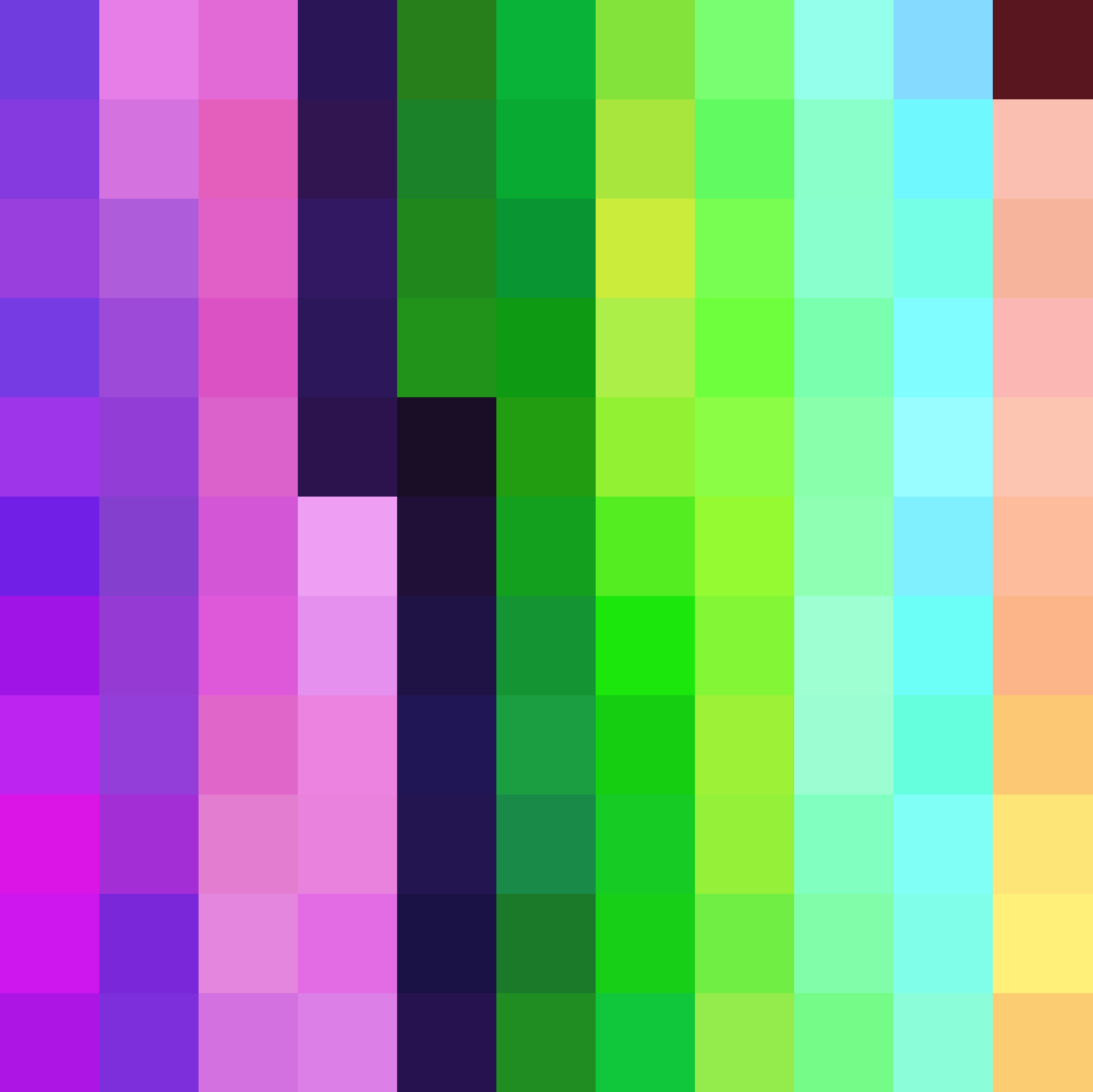
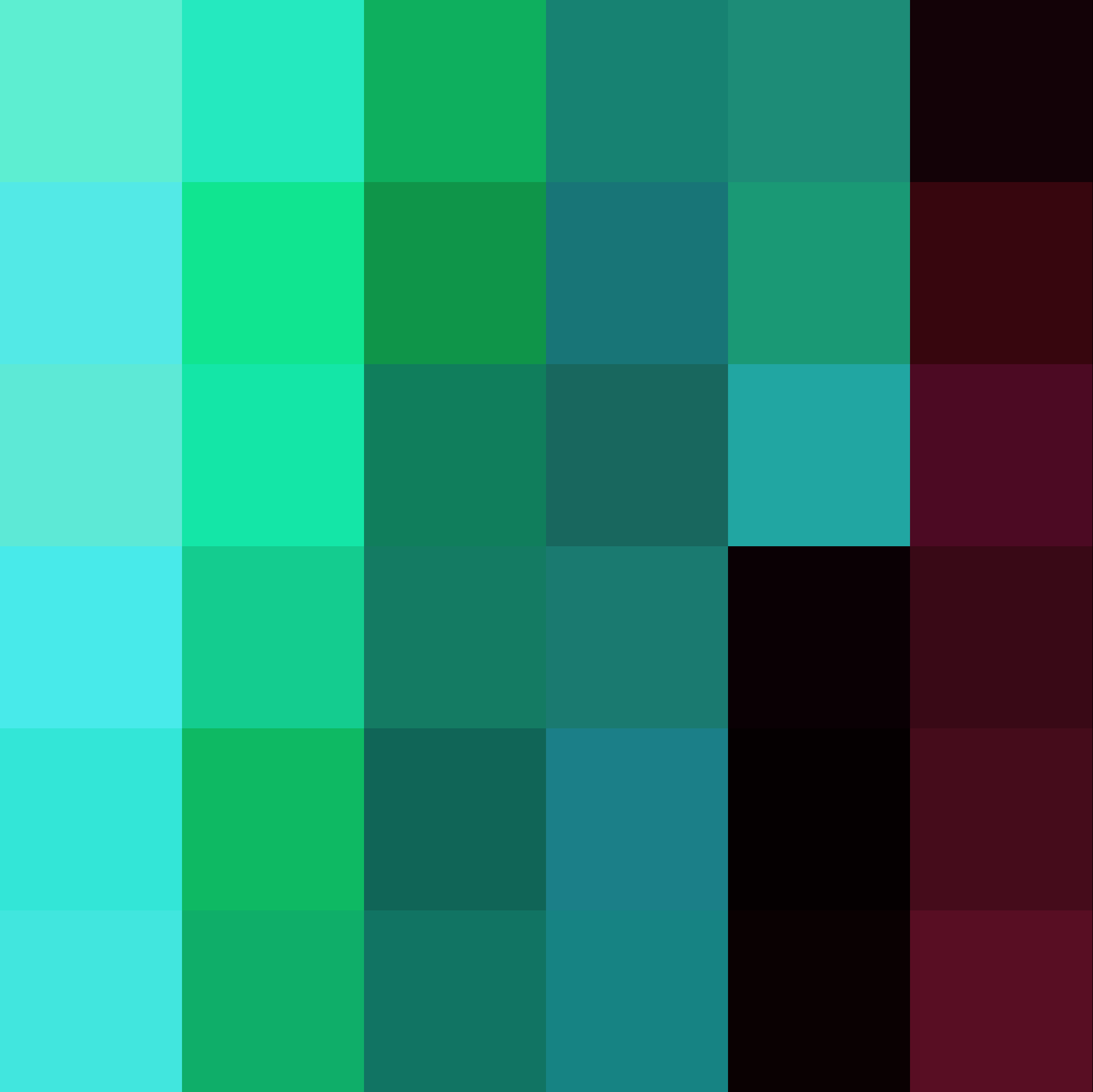Here's an 11 by 11 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has some magenta, some purple, a bit of violet, a bit of cyan, a bit of indigo, a little bit of orange, a tiny bit of red, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of blue in it.

A very, very colourful grid of 64 blocks. It's mostly rose, but it also has quite some magenta, some red, some orange, a bit of yellow, a little bit of purple, a tiny bit of indigo, and a tiny bit of violet in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly cyan, and it also has quite some green, some rose, and some red in it.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly blue, and it also has quite some indigo, a bit of green, a bit of magenta, a bit of cyan, a bit of purple, a little bit of violet, a little bit of rose, and a tiny bit of red in it.
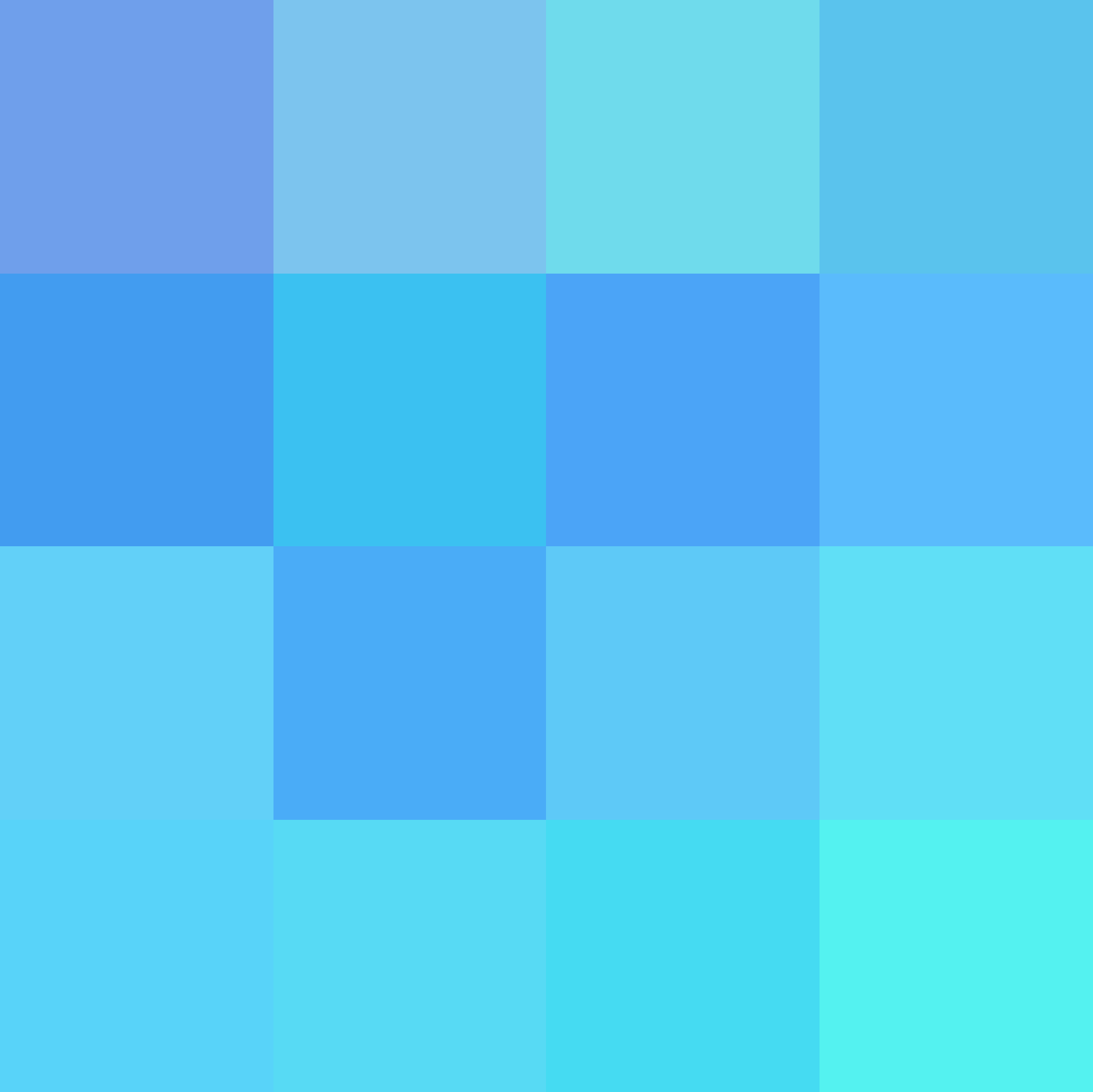
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly indigo, and it also has quite some blue, quite some purple, some magenta, a bit of violet, a little bit of orange, a tiny bit of yellow, a tiny bit of red, a tiny bit of green, a tiny bit of lime, and a tiny bit of rose in it.
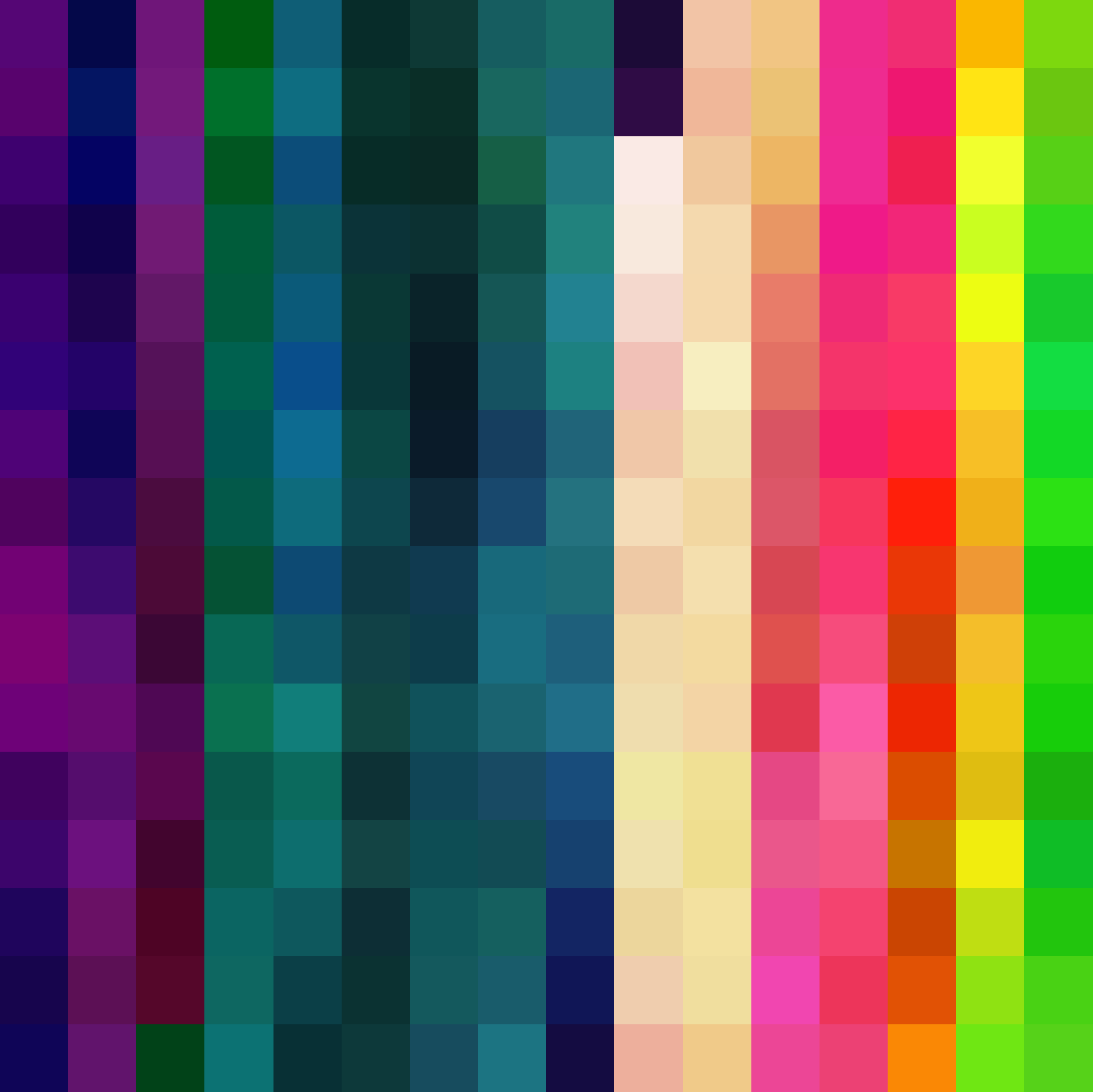
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly purple, but it also has quite some blue, some indigo, some magenta, some violet, a bit of cyan, a tiny bit of rose, and a tiny bit of orange in it.
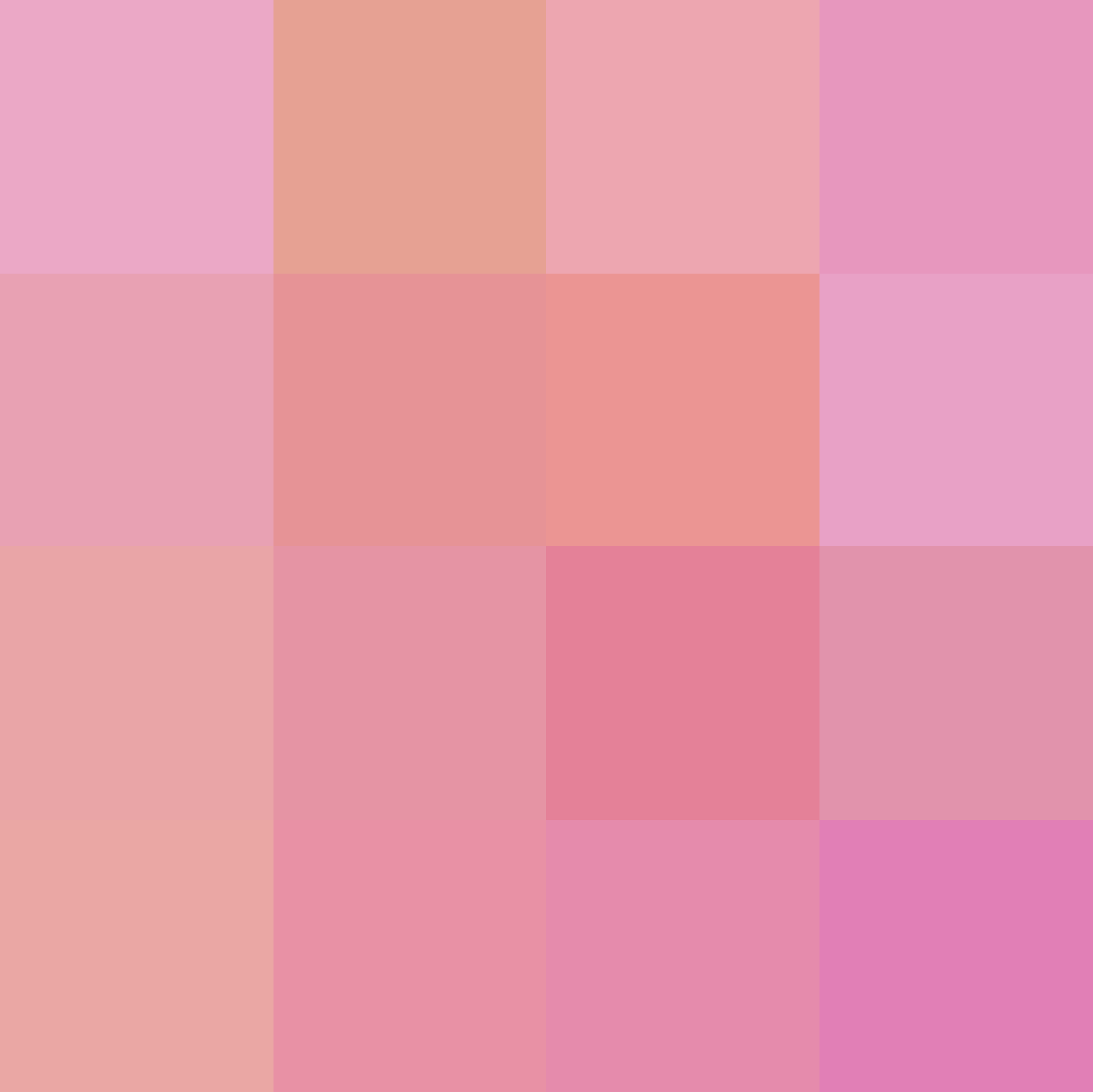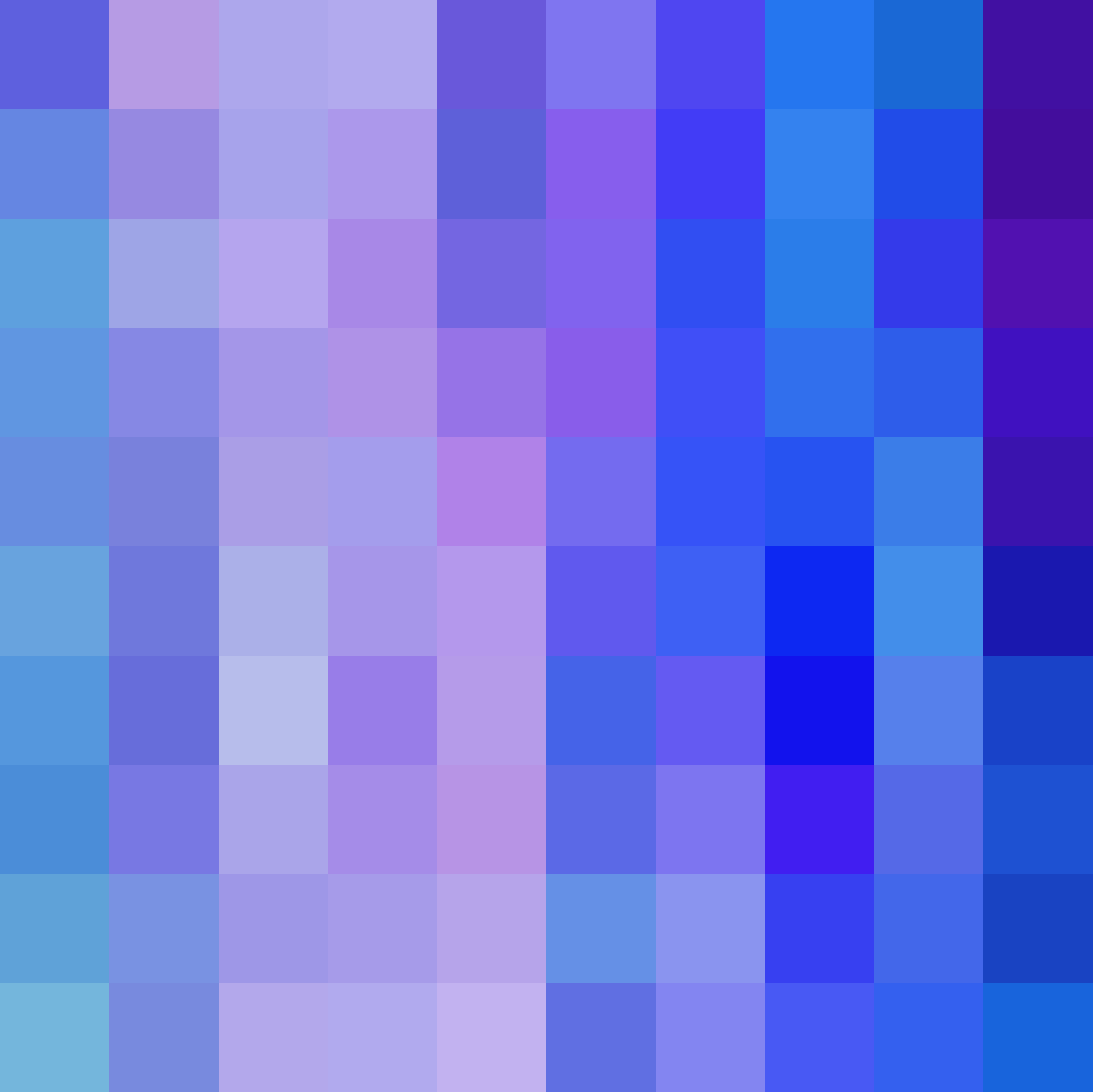
A 4 by 4 grid with coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some rose, and a little bit of magenta in it.

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

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

A grid with 100 coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has a lot of indigo, and a little bit of violet in it.
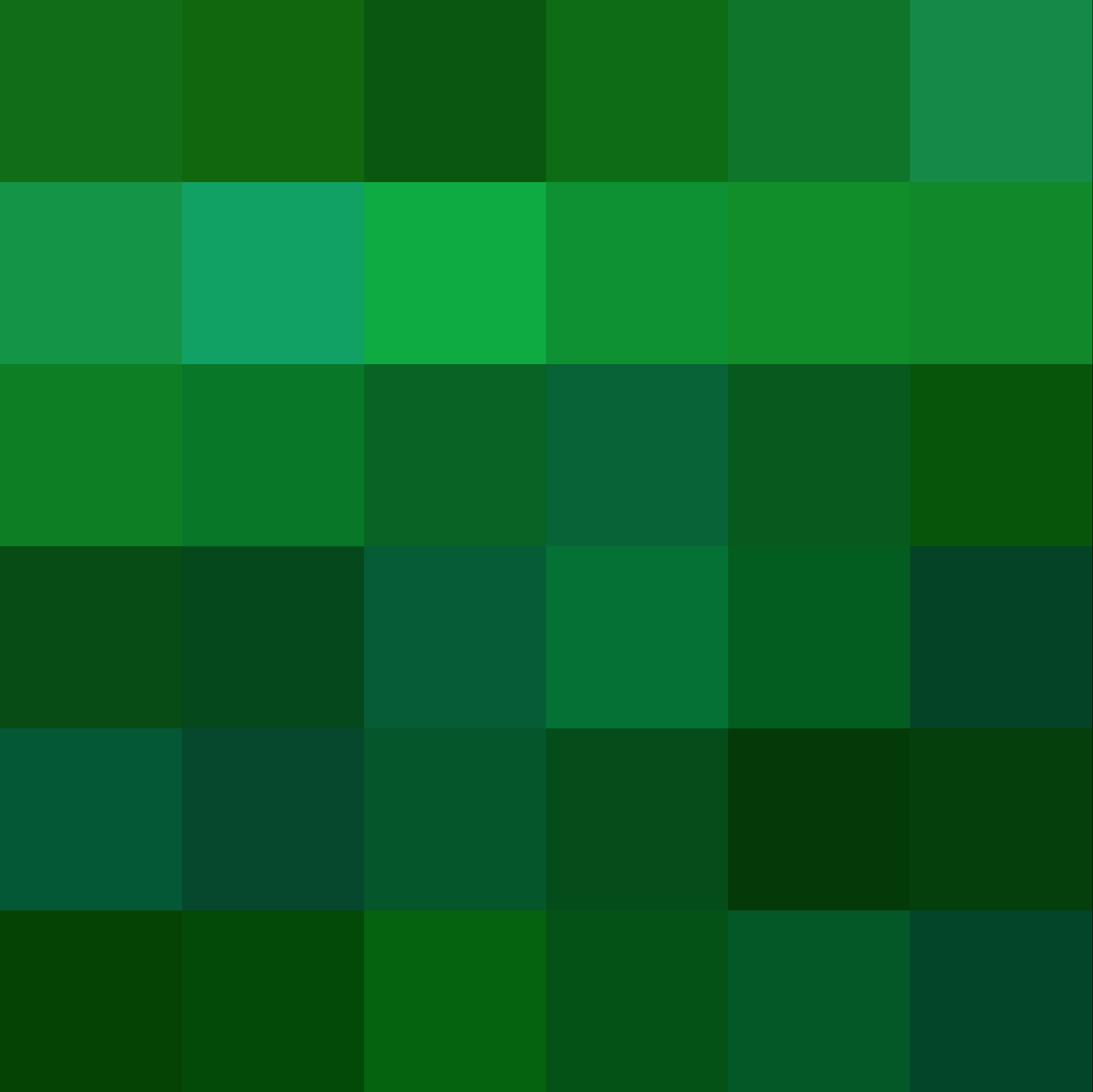
Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly red, and it also has a lot of rose, and some magenta in it.

A grid with 81 coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has some magenta, some purple, a little bit of orange, and a tiny bit of violet in it.

This two tone gradient, generated in this 11 by 11 pixel grid, is mostly red, and it also has some orange in it.

Here's a 6 by 6 pixelated grid that forms a monochrome gradient. It is green.
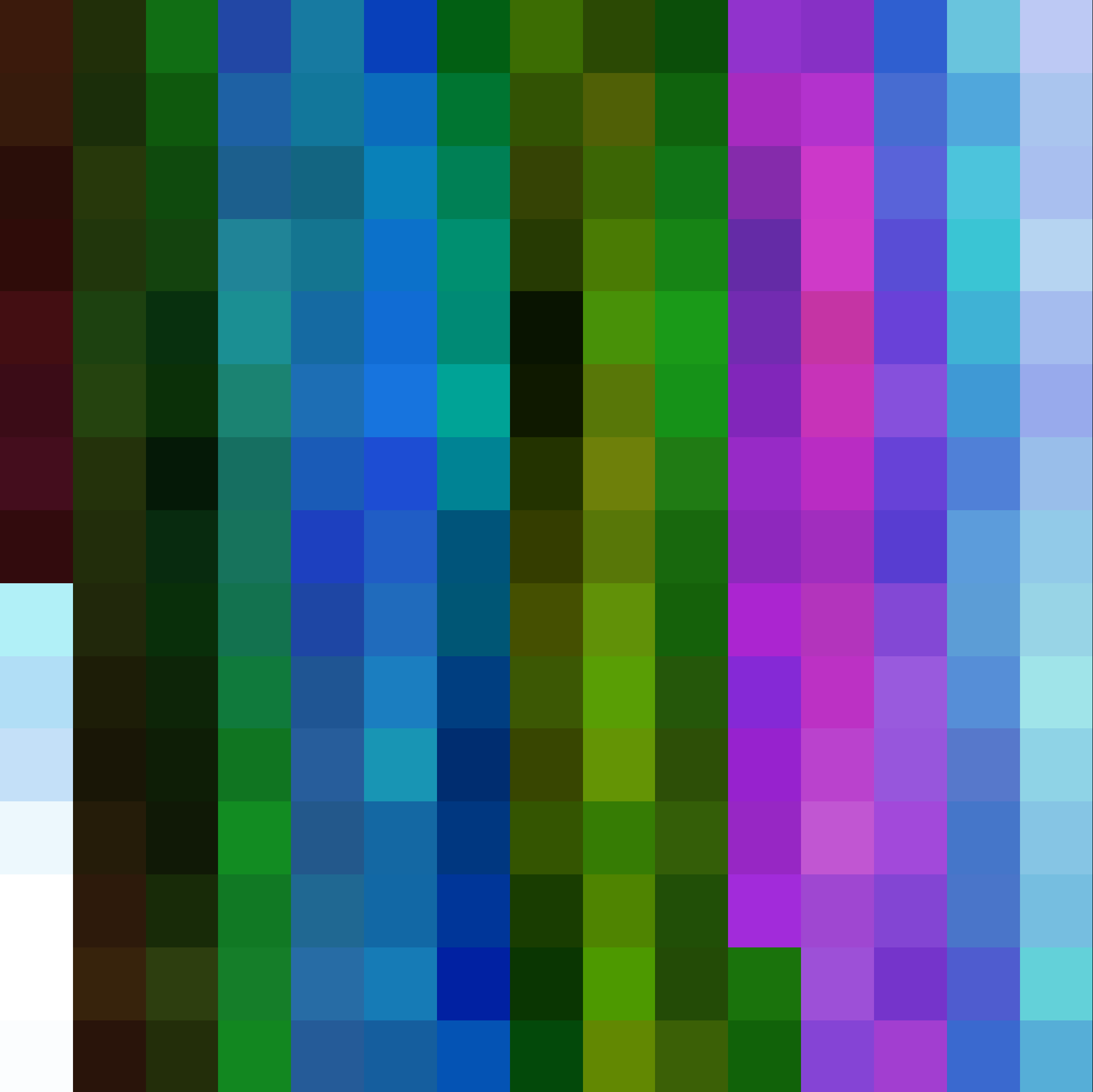
A very, very colourful grid of 225 blocks. It's mostly blue, and it also has quite some green, a bit of cyan, a bit of purple, a little bit of lime, a little bit of magenta, a little bit of violet, a little bit of orange, a tiny bit of red, a tiny bit of yellow, a tiny bit of indigo, and a tiny bit of rose in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly green, and it also has a bit of lime, and a tiny bit of yellow in it.
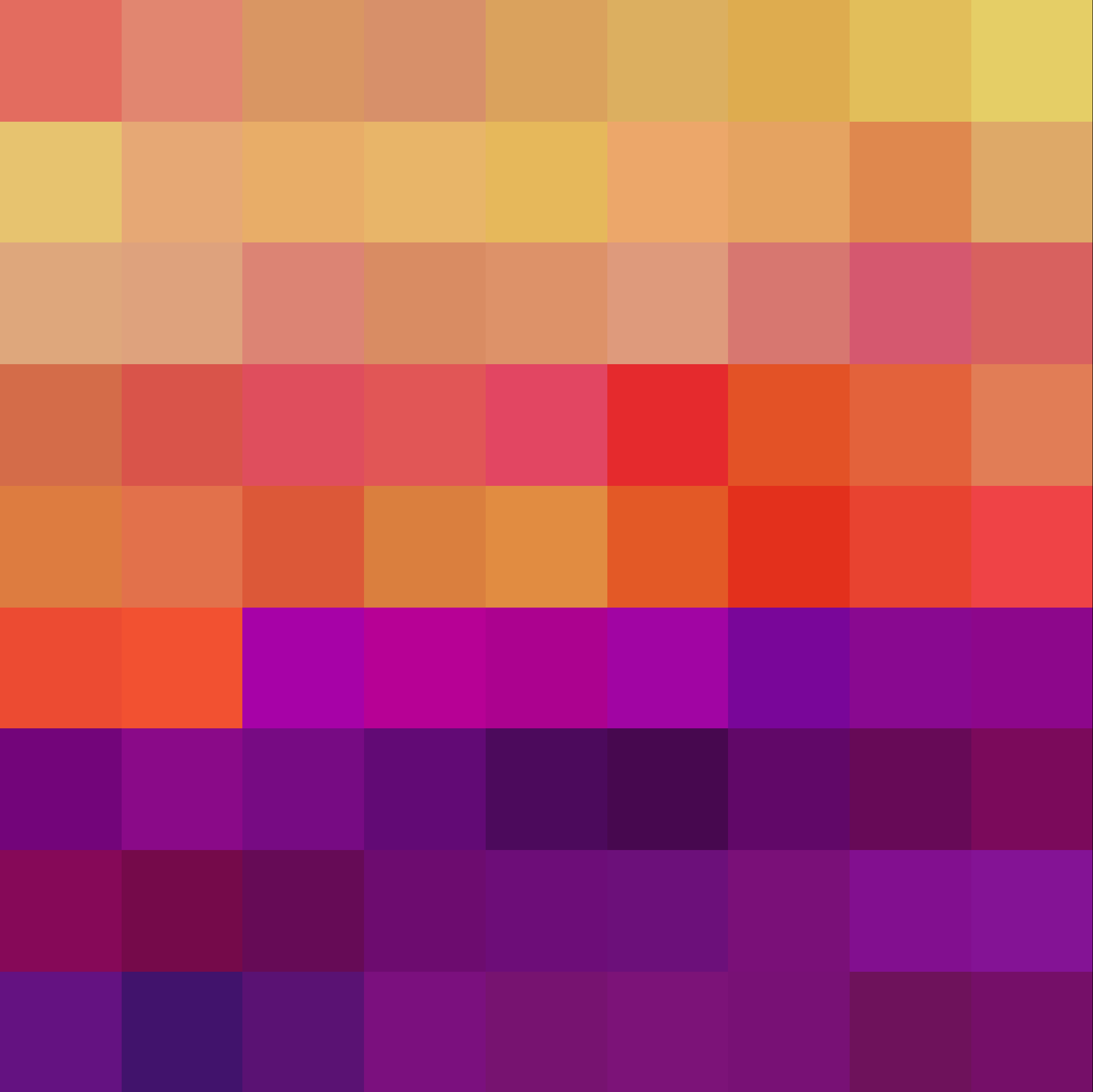
The colourful gradient in this 9 by 9 pixel grid is mostly magenta, but it also has quite some orange, quite some red, a bit of purple, and a tiny bit of yellow in it.
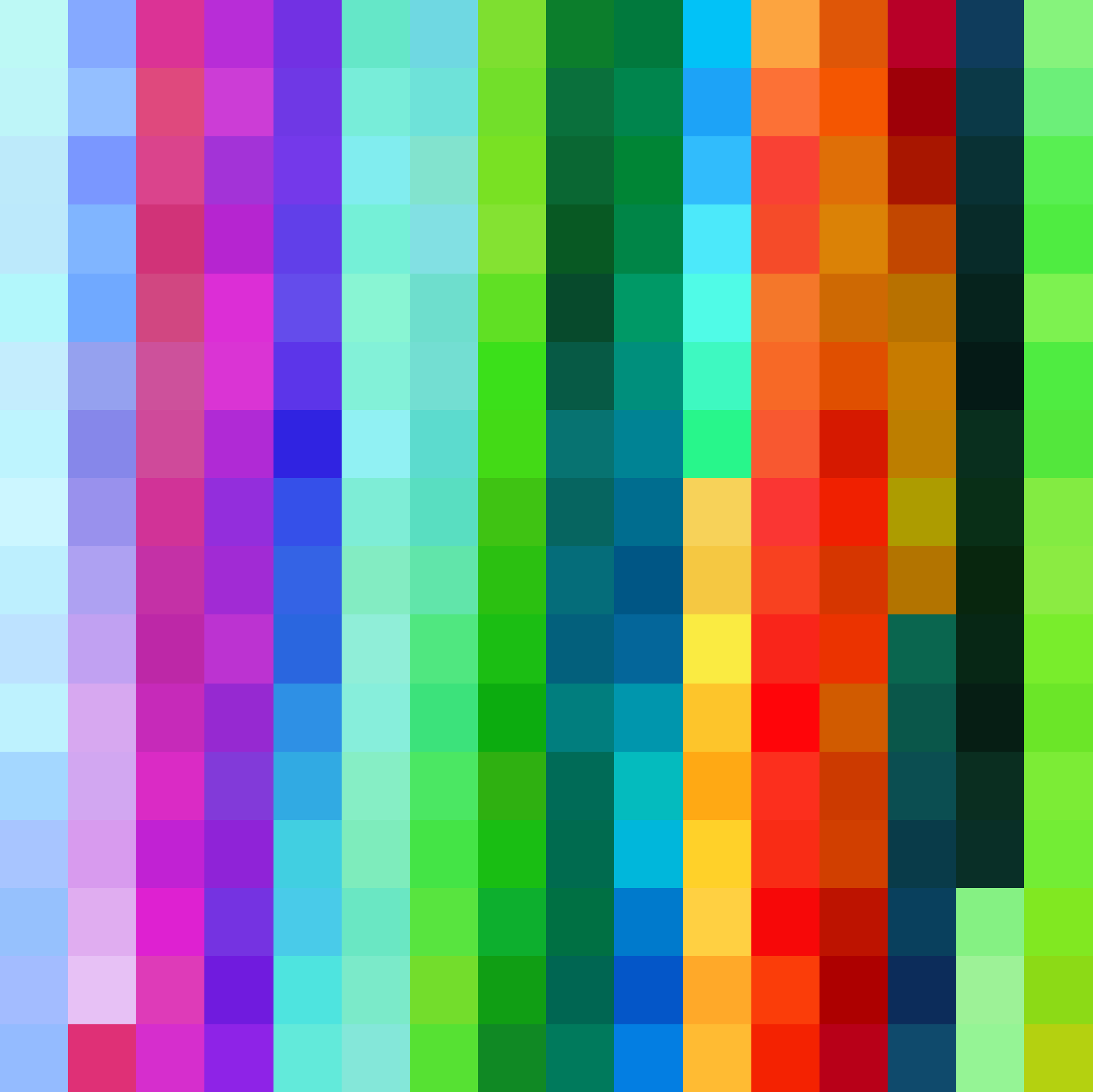
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, some blue, a bit of orange, a bit of red, a little bit of magenta, a little bit of purple, a little bit of indigo, a tiny bit of violet, a tiny bit of rose, and a tiny bit of yellow in it.
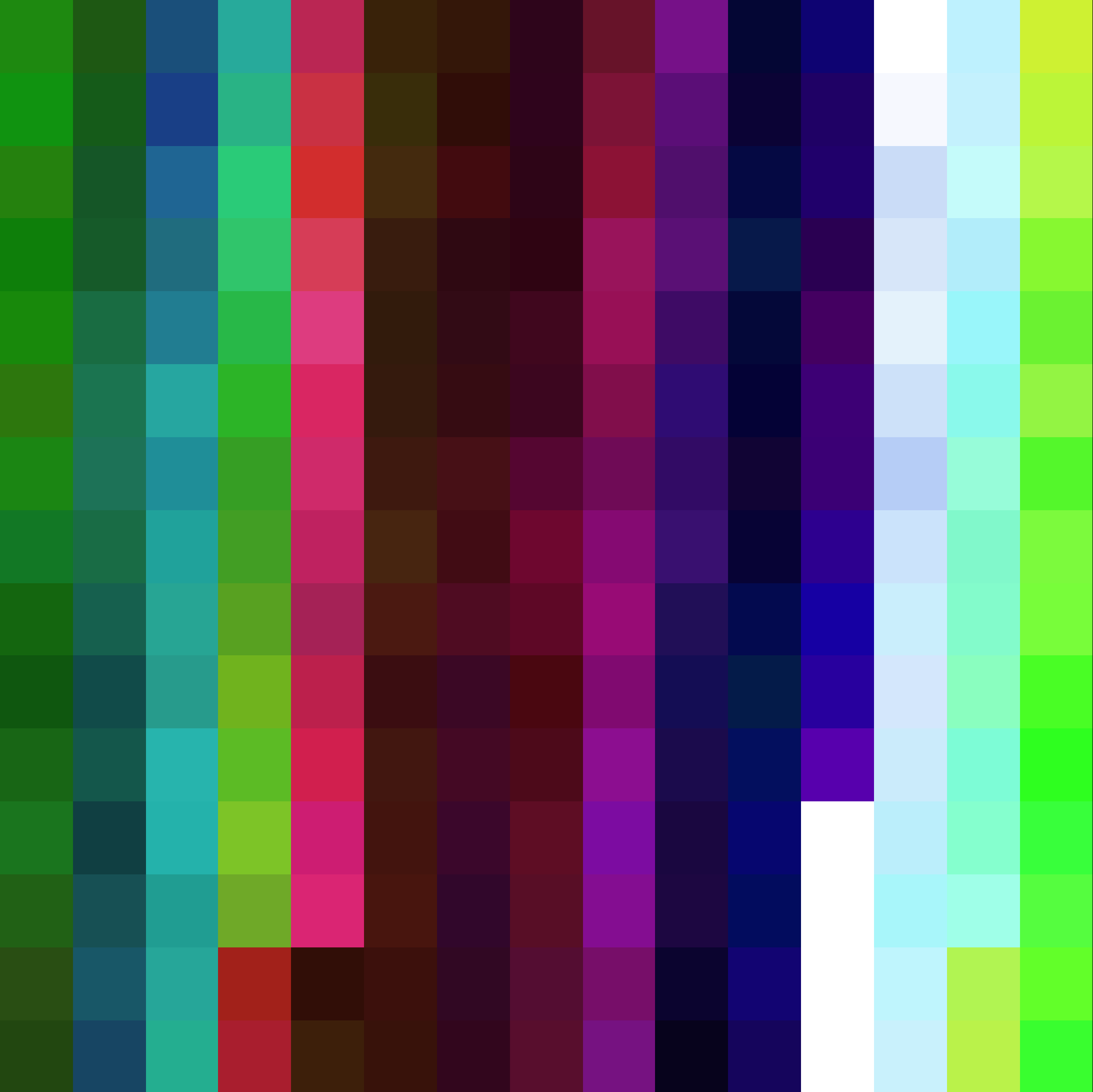
This very colourful gradient, generated in this 6 by 6 pixel grid, is mostly magenta, and it also has some blue, some purple, some indigo, a bit of rose, and a little bit of violet in it.

A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some orange, some red, a bit of yellow, a tiny bit of lime, and a tiny bit of cyan in it.

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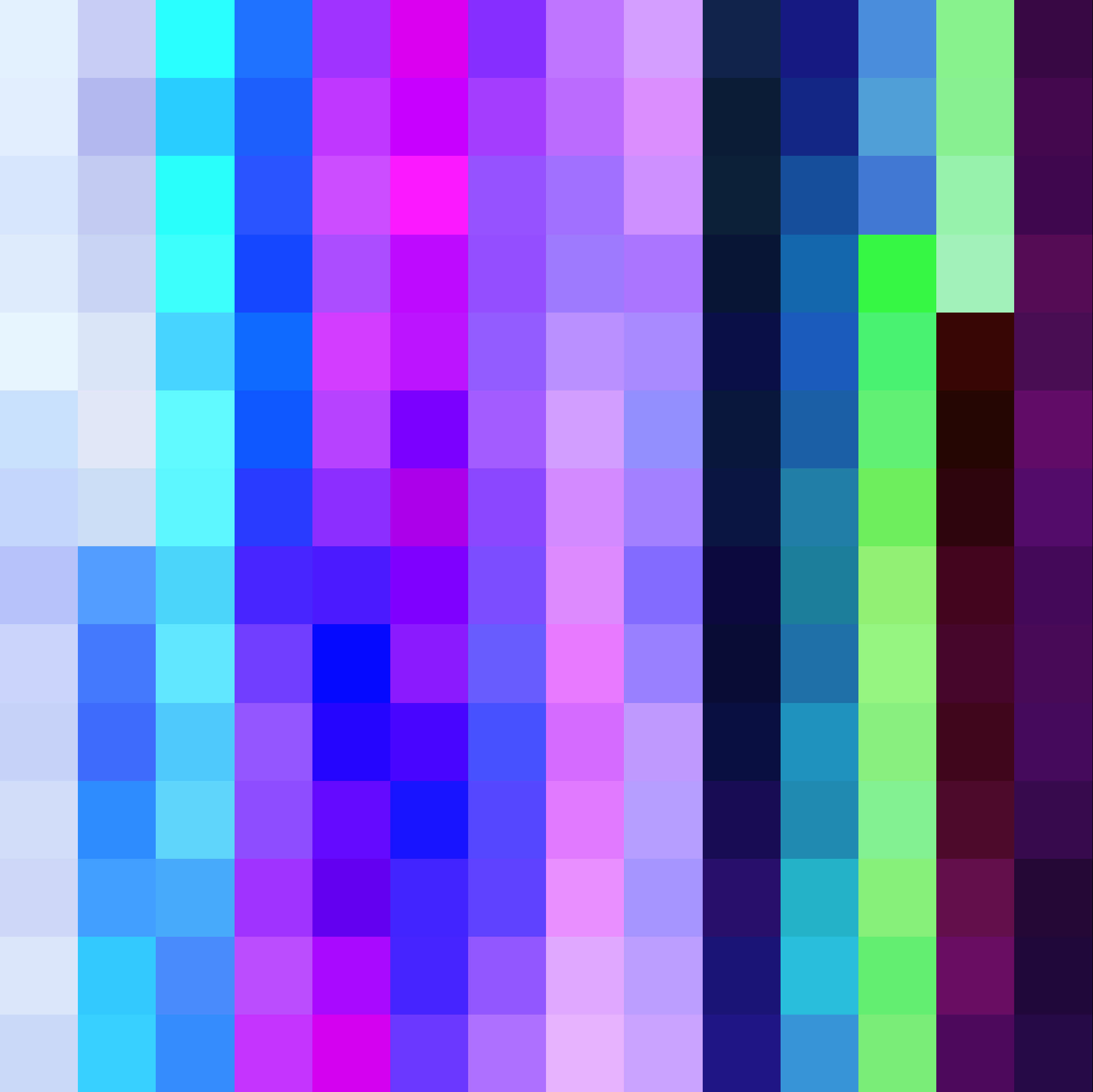
This very colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, and it also has quite some green, some cyan, a bit of blue, a little bit of orange, and a tiny bit of lime in it.

The cells in this 11 by 11 pixel grid form a colourful gradient. It is mostly orange, and it also has quite some yellow, some red, some green, and a little bit of lime in it.
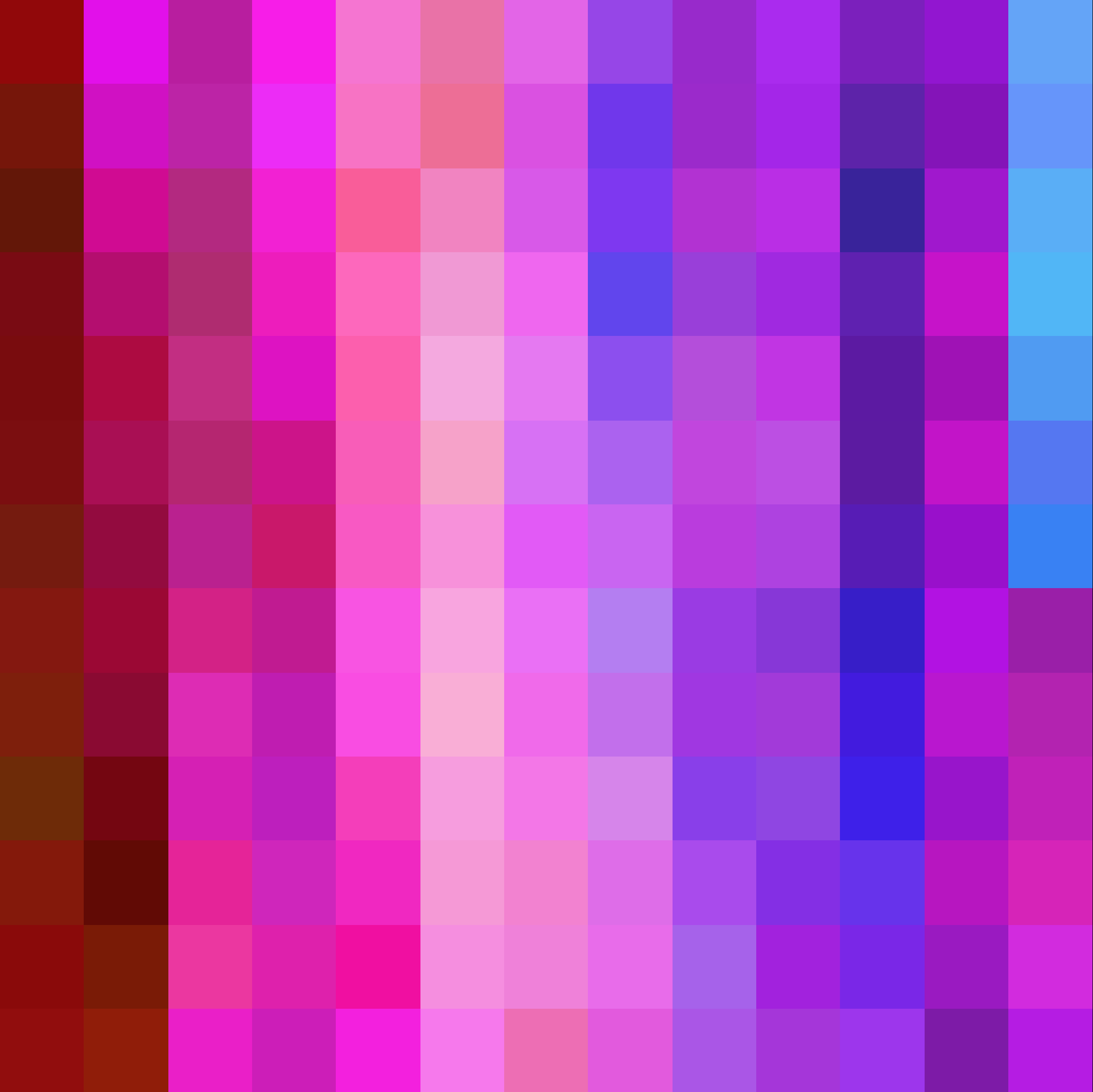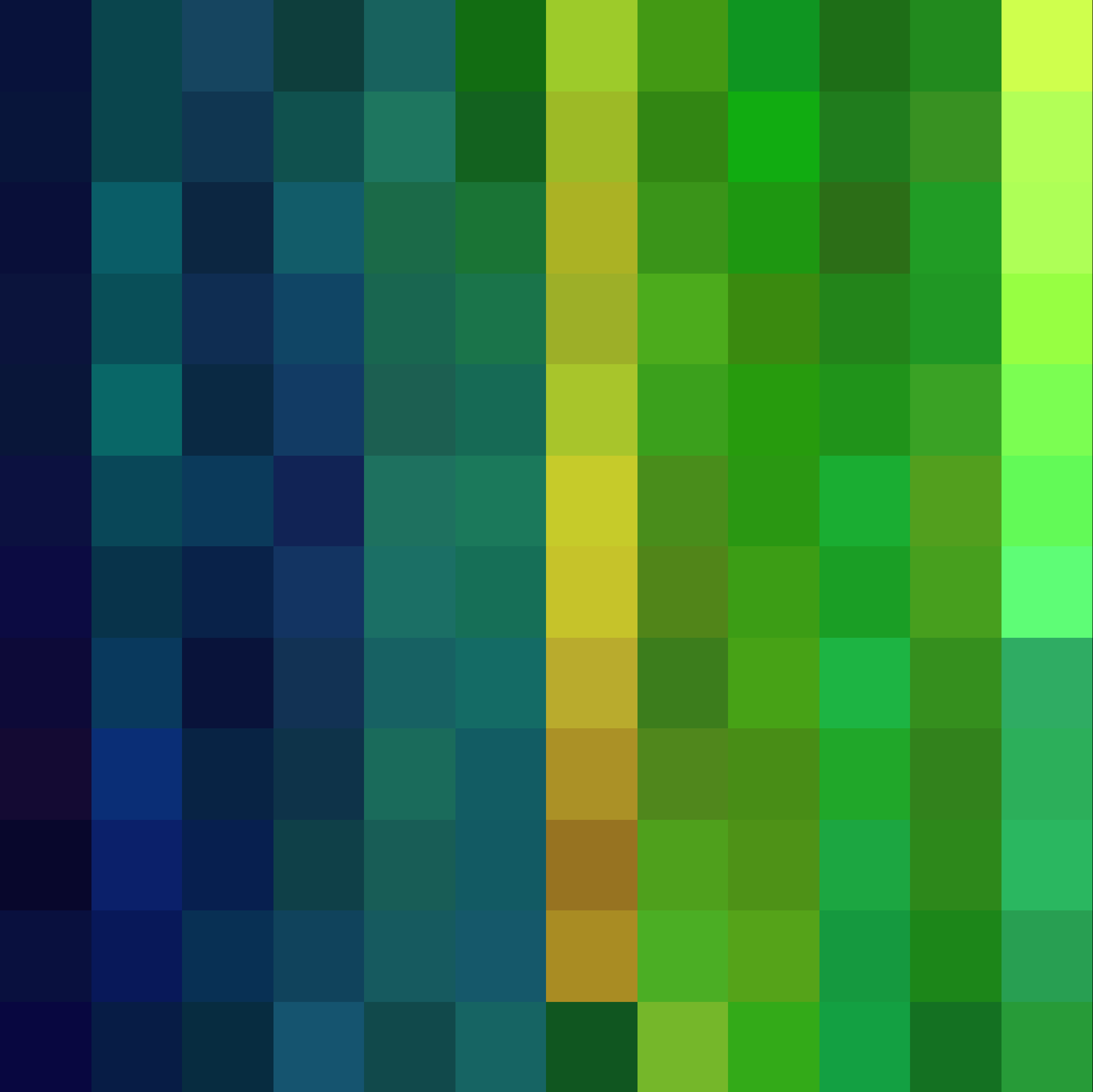
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly magenta, and it also has quite some purple, a bit of red, a bit of rose, a bit of violet, a little bit of indigo, a little bit of blue, and a tiny bit of orange in it.

The very, very colourful gradient in this 14 by 14 pixel grid is mostly blue, but it also has some purple, some indigo, some red, a bit of violet, a bit of green, a little bit of cyan, and a tiny bit of magenta in it.
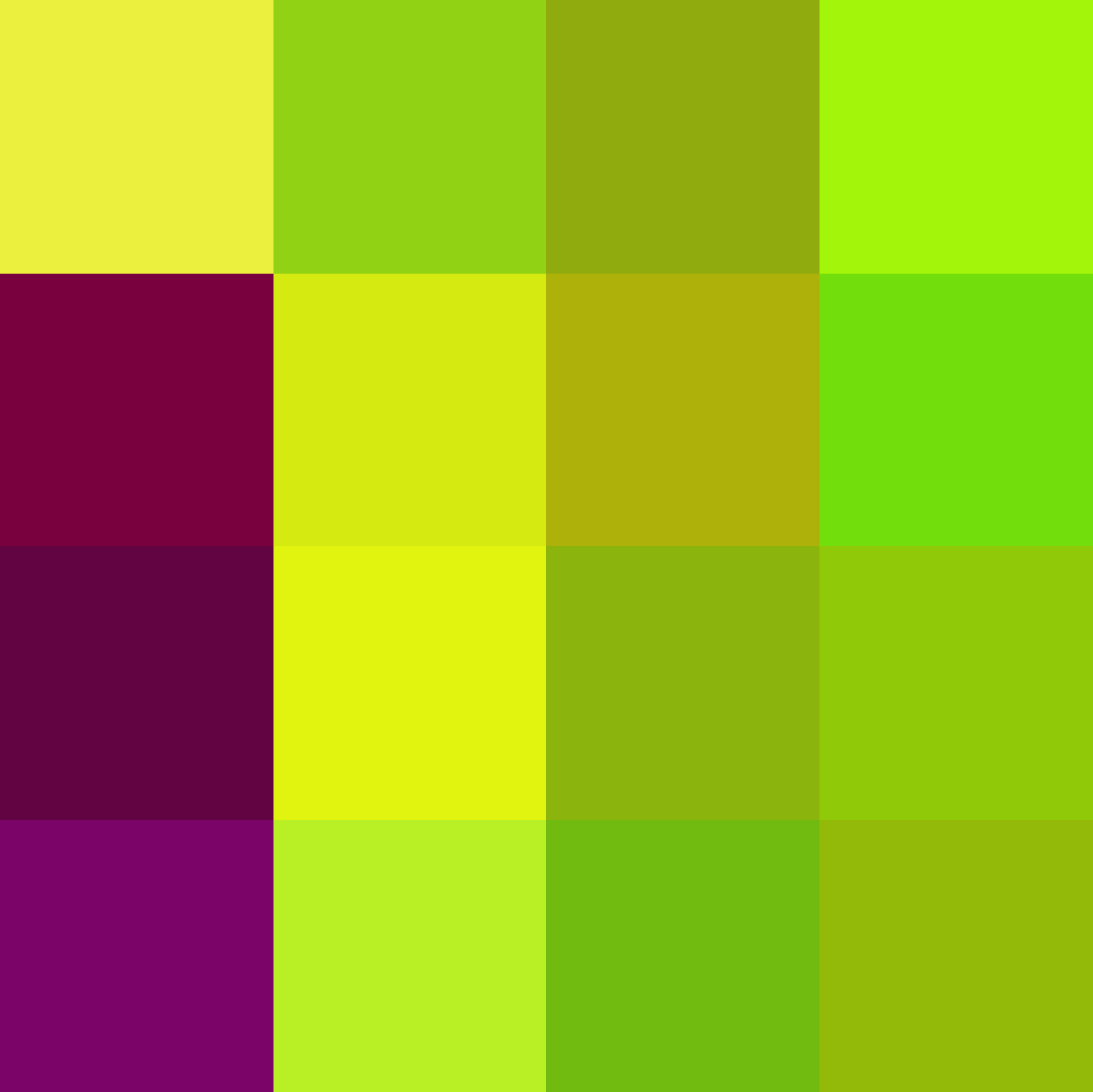
This colourful gradient, generated in this 4 by 4 pixel grid, is mostly yellow, and it also has quite some lime, quite some green, some magenta, and a little bit of rose in it.
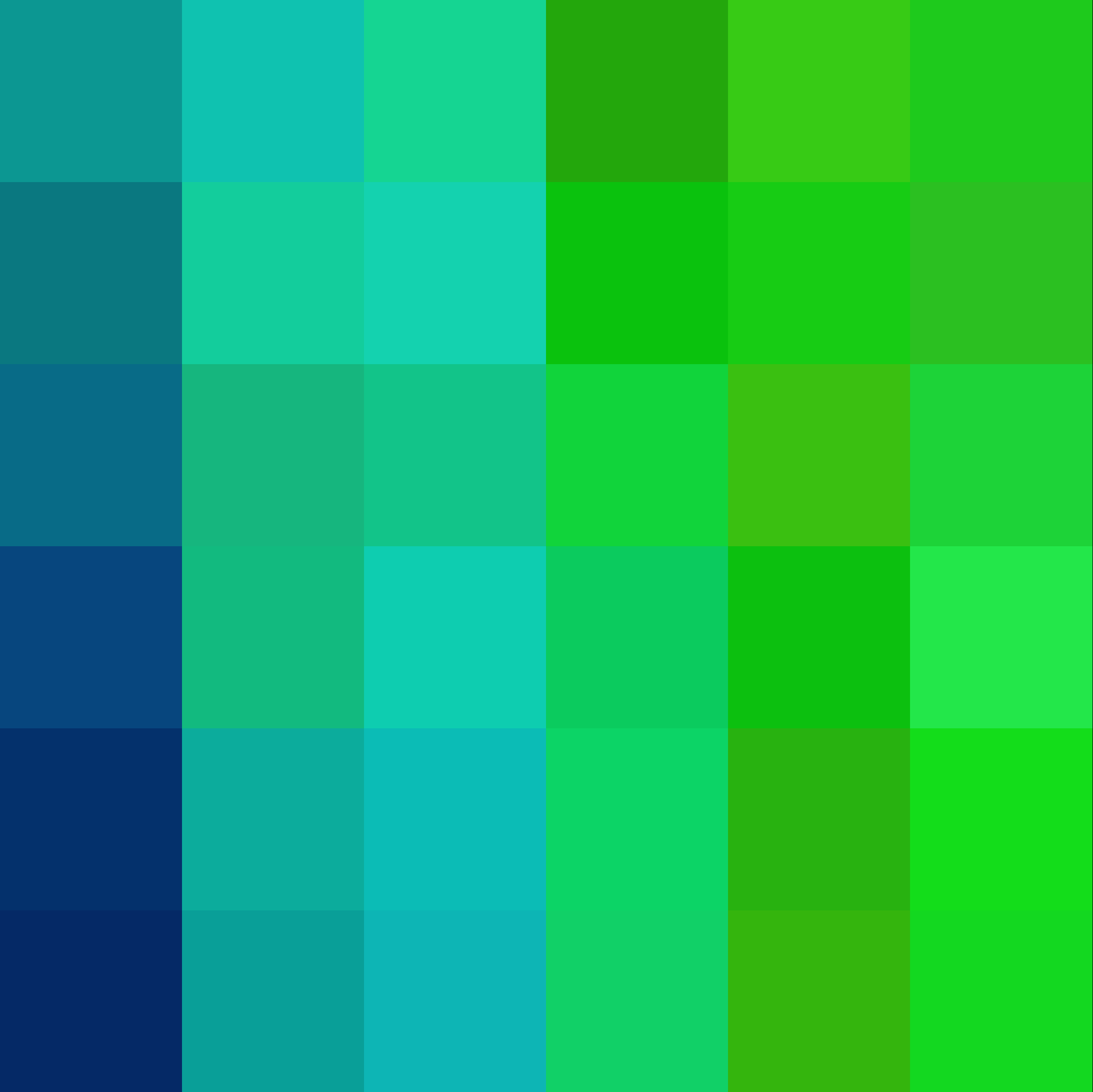
This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, and it also has quite some blue, some cyan, a little bit of yellow, a little bit of indigo, a little bit of lime, and a tiny bit of orange in it.
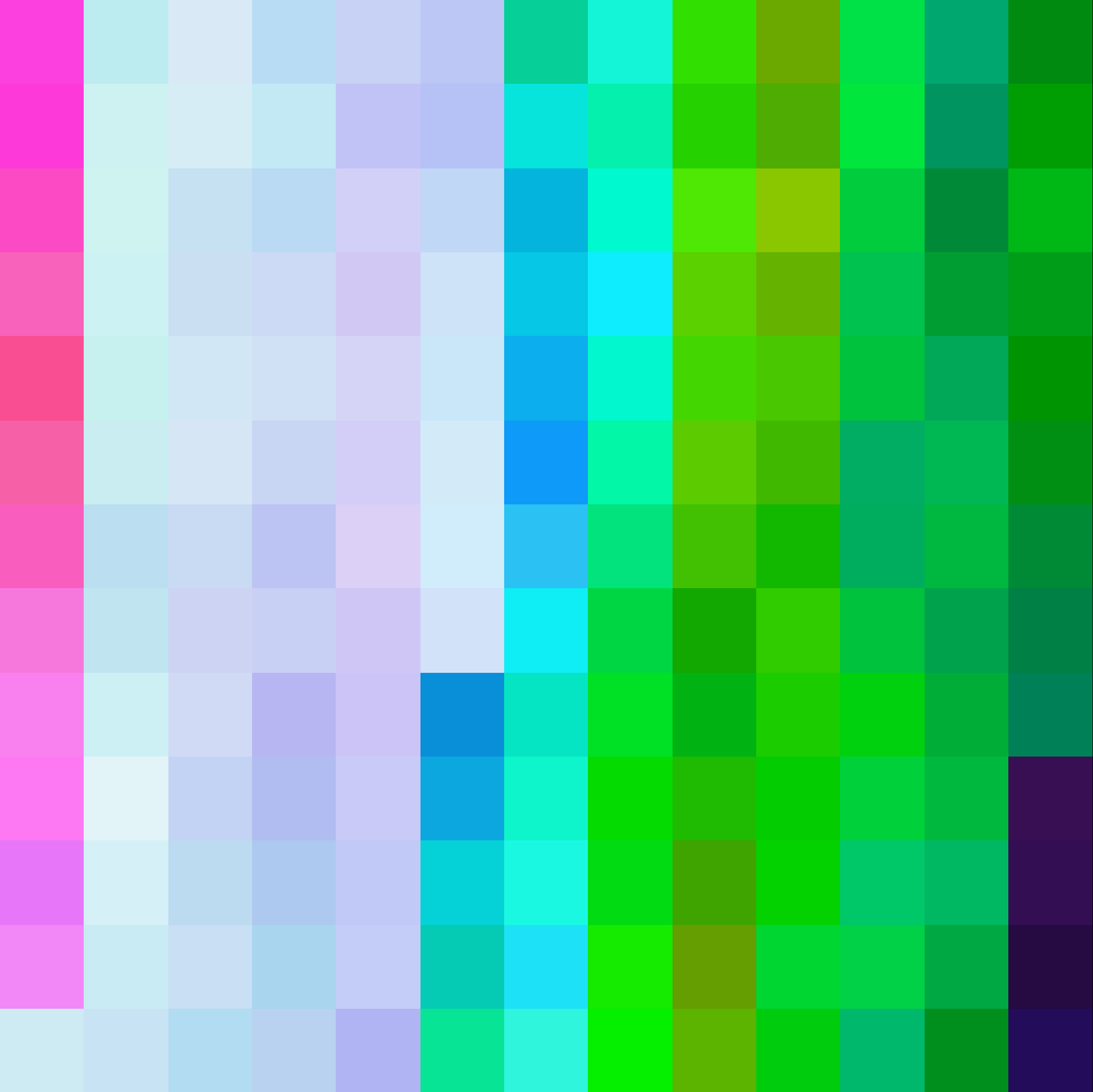
A very, very colourful grid of 169 blocks. It's mostly green, but it also has quite some blue, some cyan, a little bit of magenta, a little bit of indigo, a tiny bit of rose, a tiny bit of purple, a tiny bit of lime, and a tiny bit of violet in it.

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

This pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, but it also has quite some cyan, and a bit of blue in it.

A grid of 49 blocks. It's mostly green, but it also has quite some cyan, some orange, and a bit of red in it.
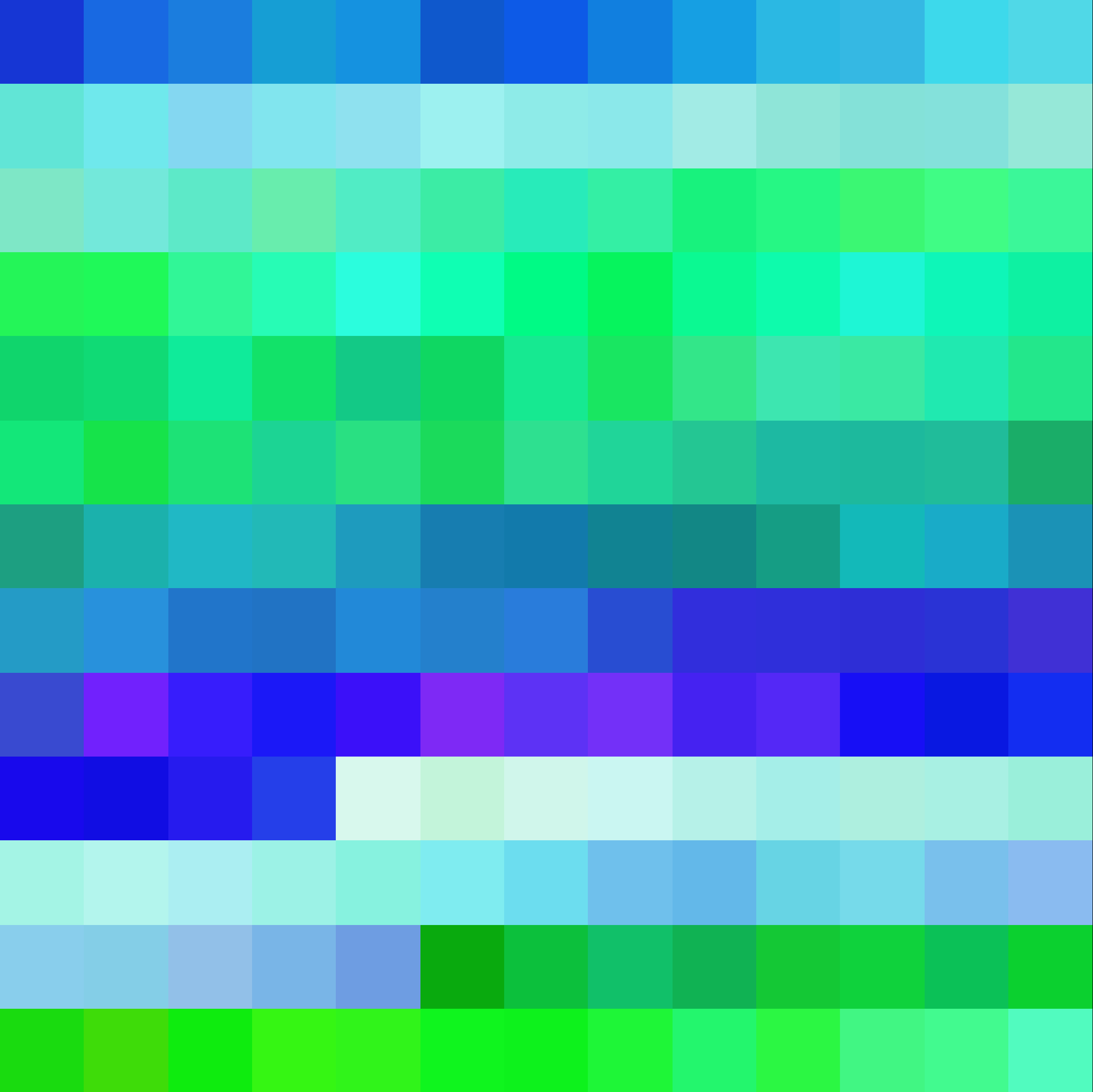
The colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has quite some cyan, quite some blue, a bit of indigo, and a tiny bit of violet in it.
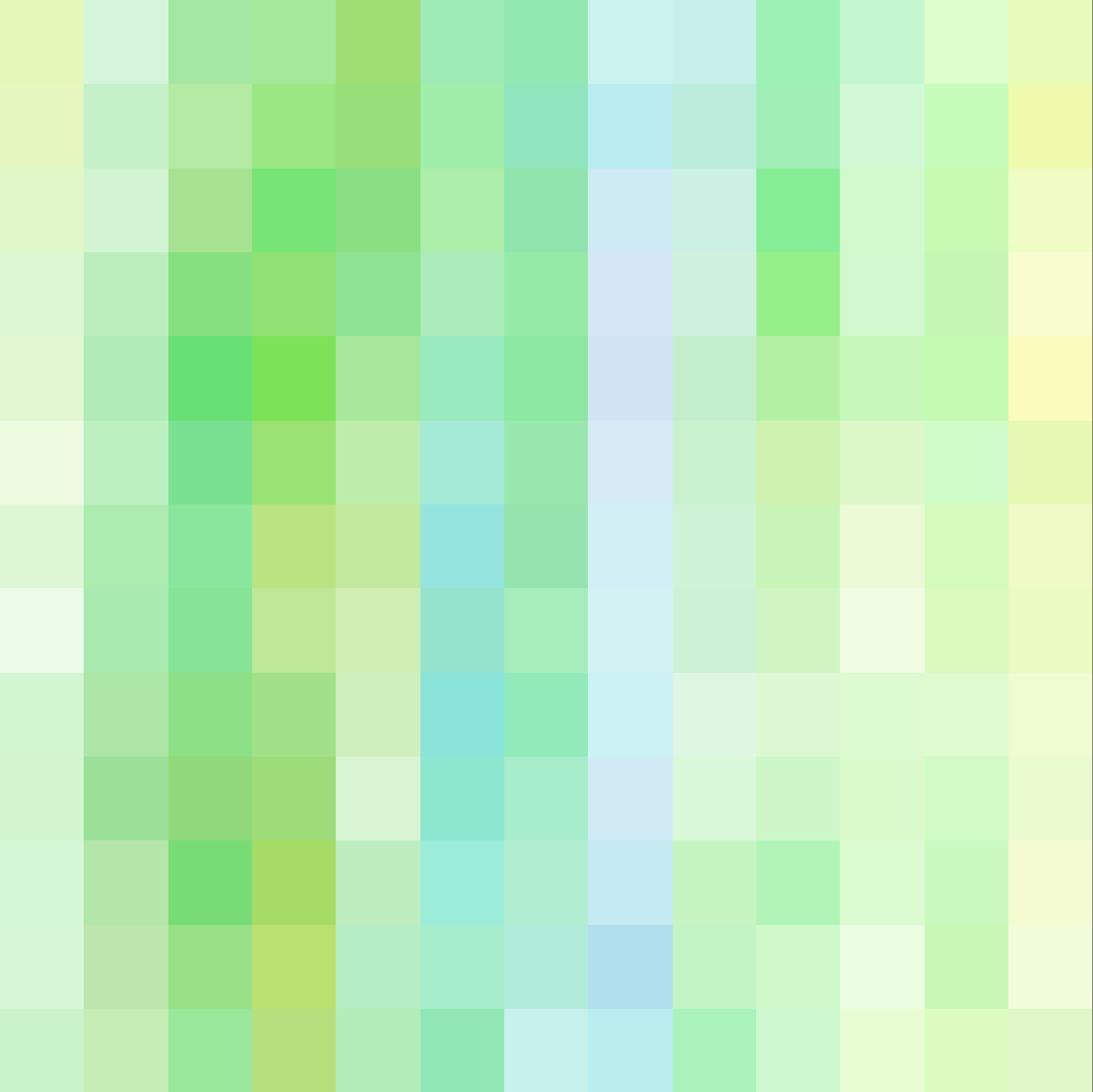
A 6 by 6 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, a little bit of magenta, a little bit of rose, and a little bit of yellow in it.
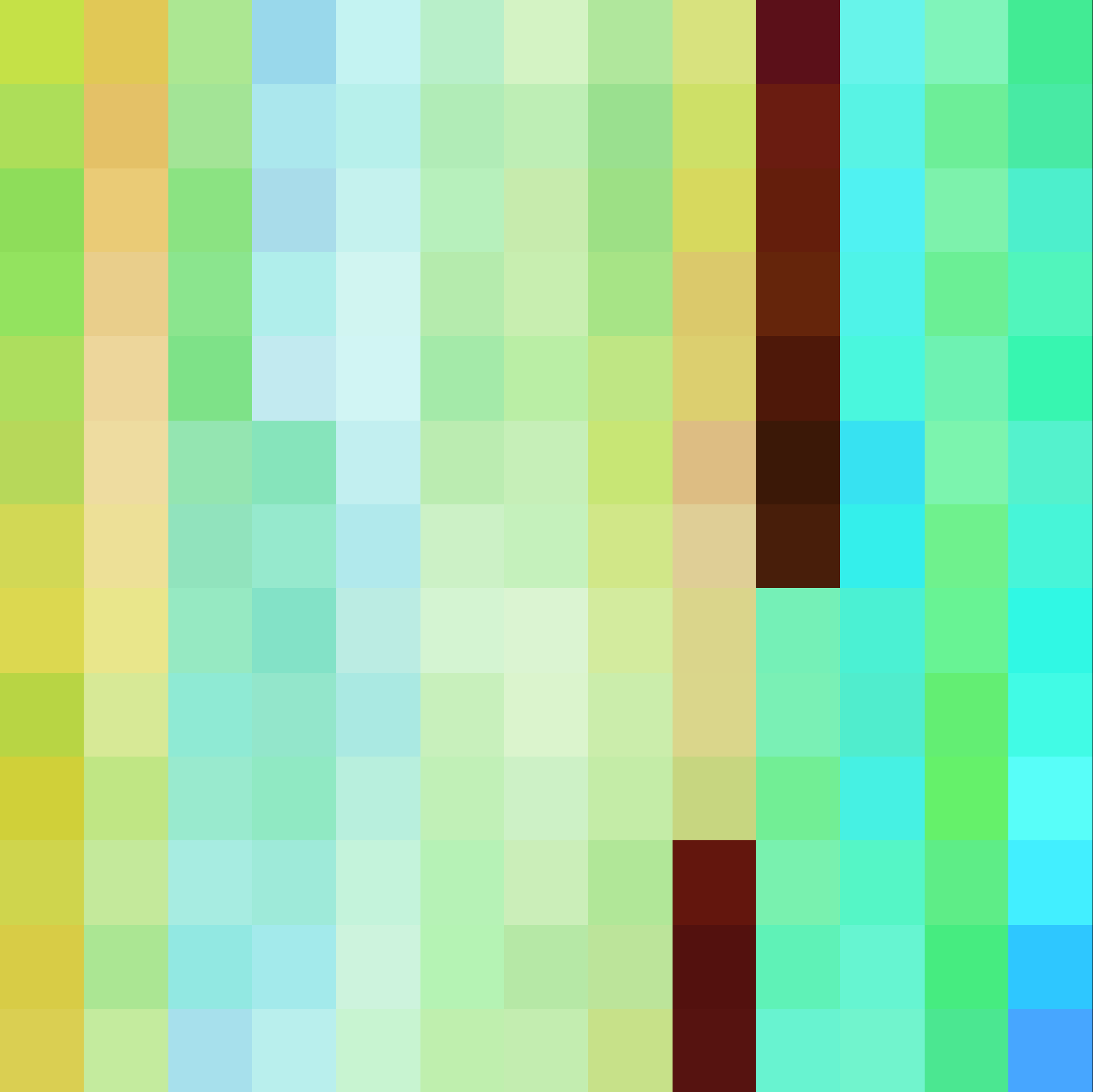
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has quite some cyan, some yellow, a little bit of lime, a little bit of orange, a little bit of red, and a tiny bit of blue in it.
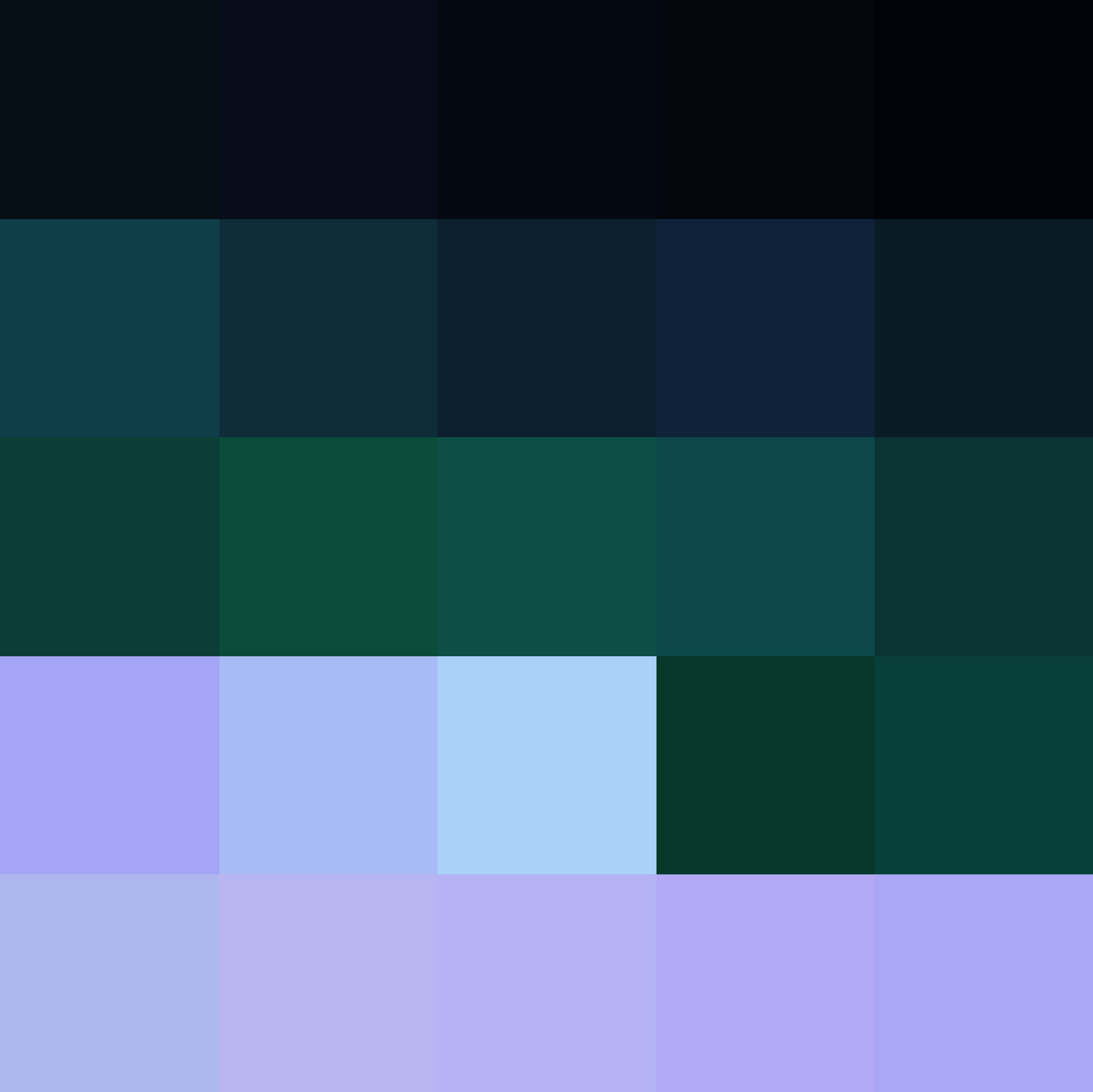
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some cyan, some indigo, and a bit of green in it.

A grid with 169 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has a bit of cyan, a little bit of lime, a little bit of blue, 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 orange, but it also has quite some red, quite some yellow, some magenta, and some rose in it.
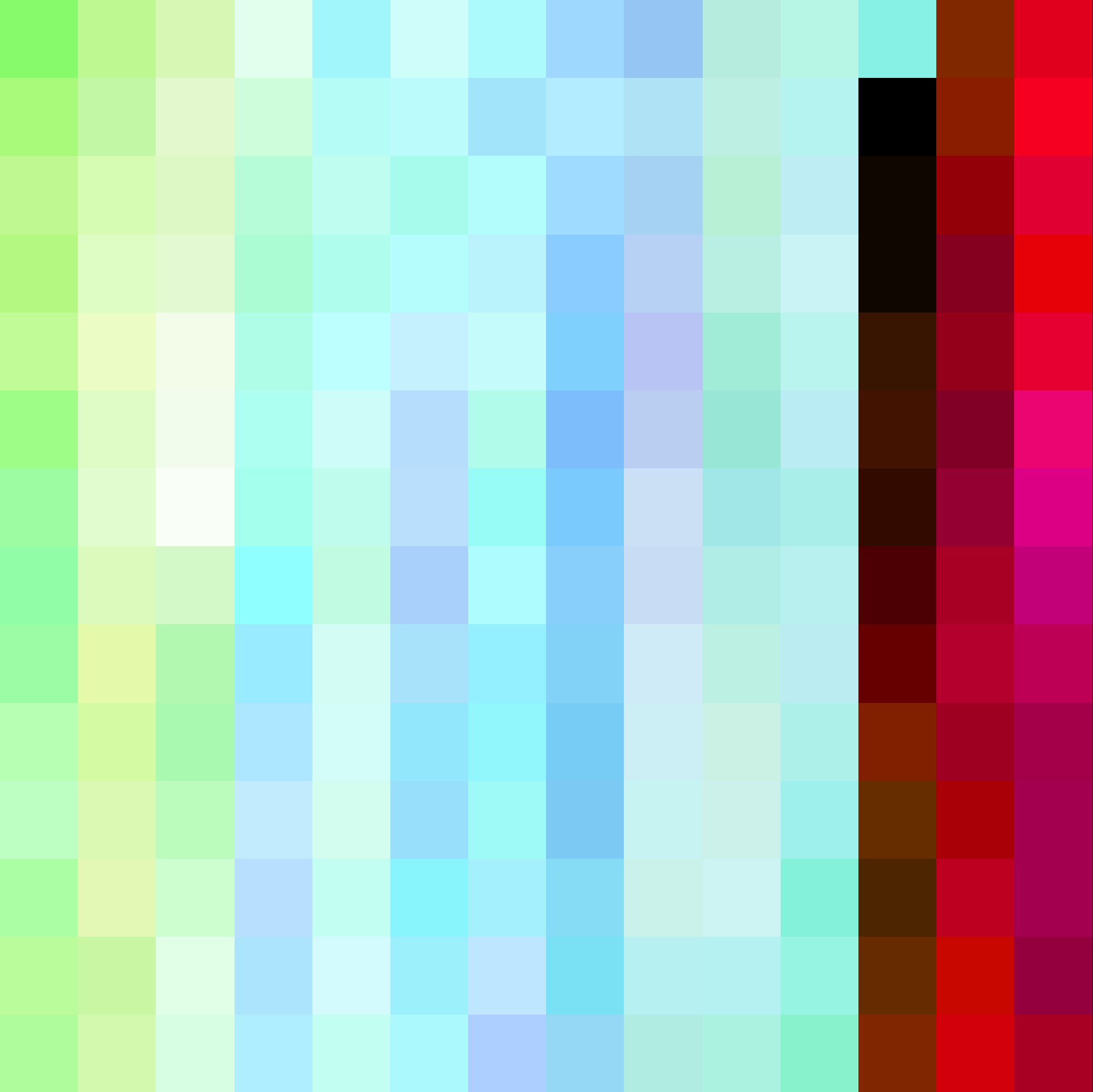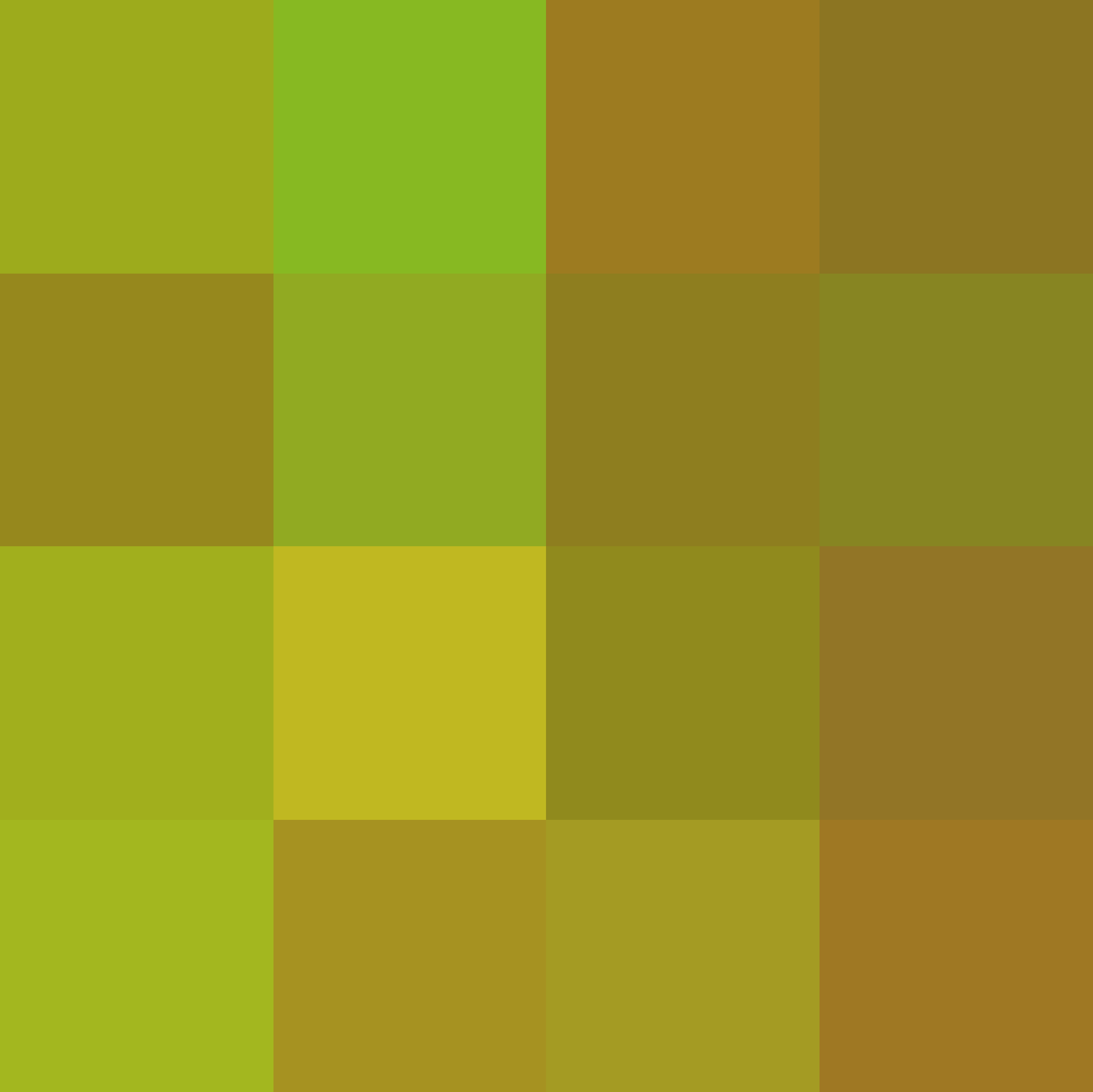
This very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly cyan, but it also has quite some green, some blue, some red, a little bit of orange, and a tiny bit of lime in it.
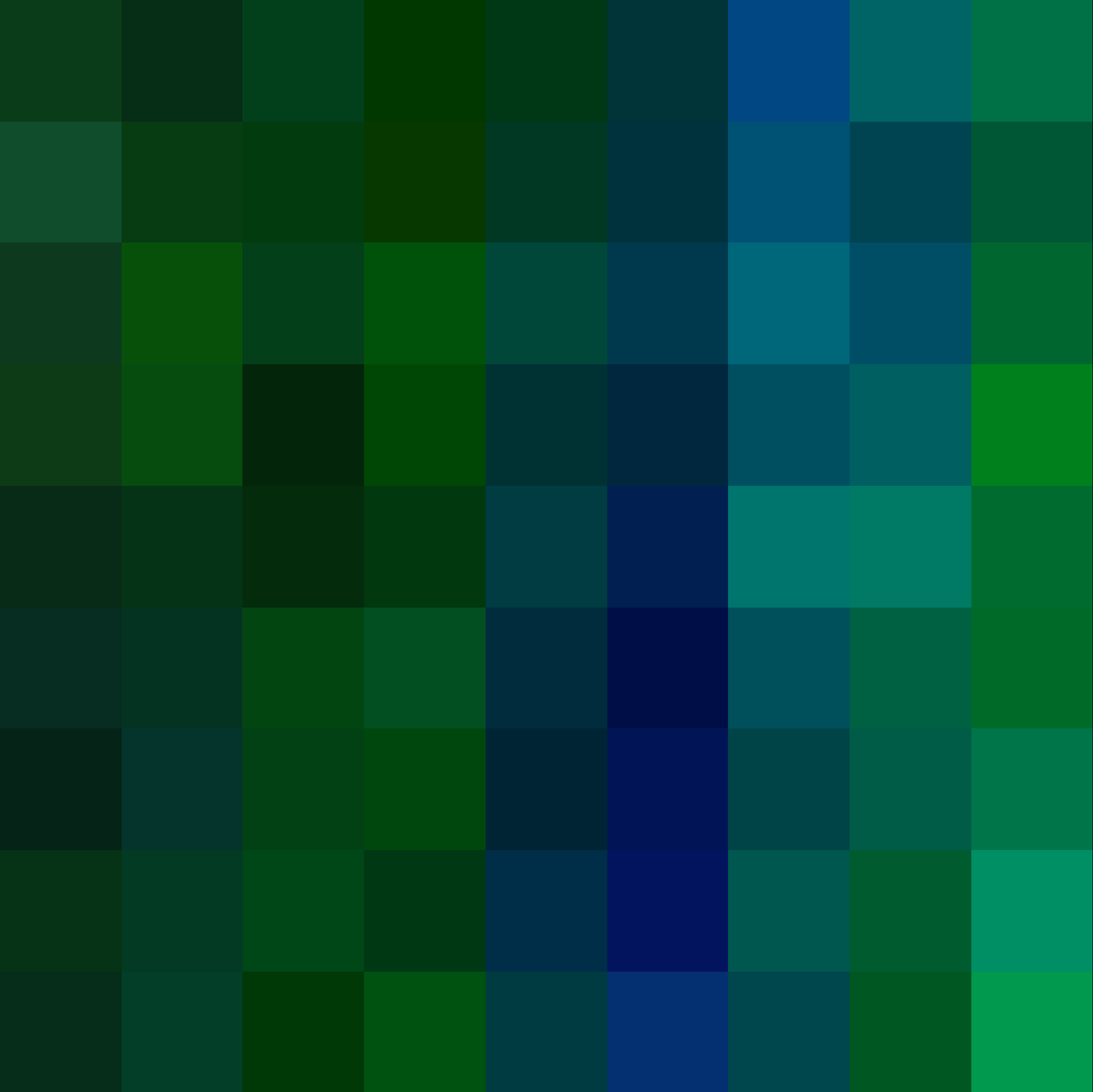
Here's a 9 by 9 pixelated grid that forms a gradient. It is mostly green, and it also has quite some cyan, and some blue in it.

This colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly green, and it also has some lime, some yellow, some red, and a bit of rose in it.
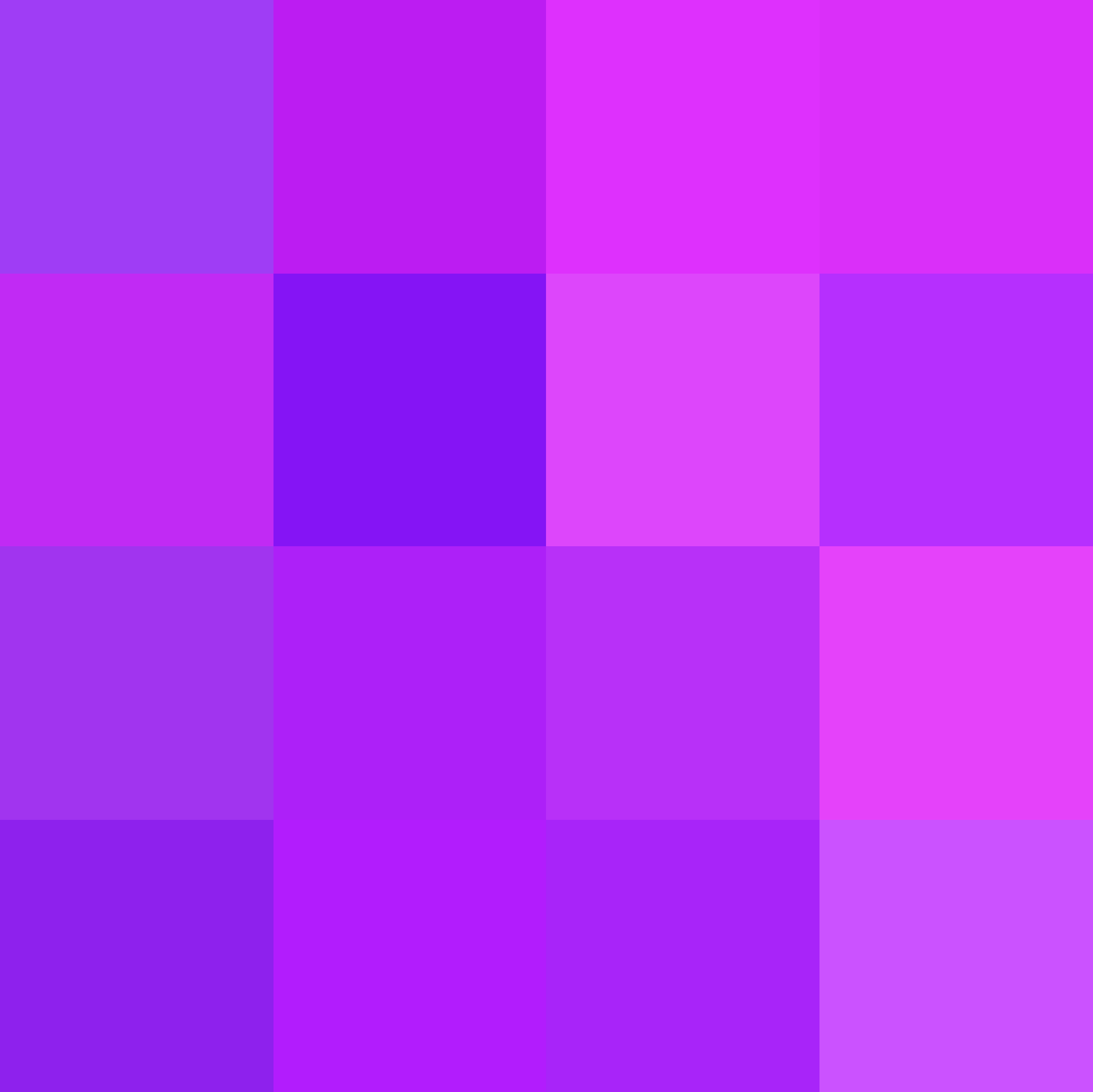
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly yellow, but it also has some orange, a little bit of green, and a little bit of lime in it.
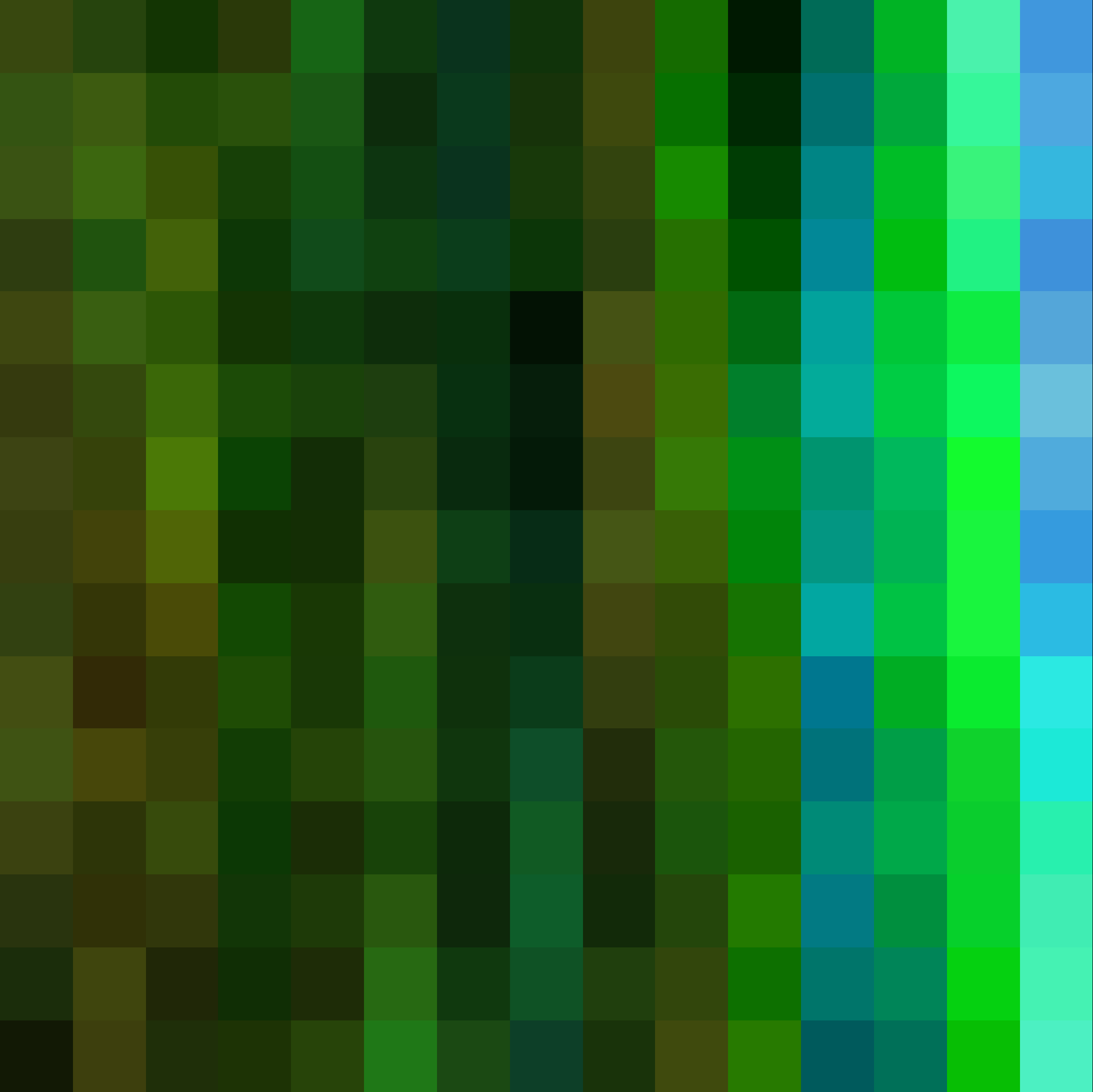
The very, very colourful gradient in this 14 by 14 pixel grid is mostly red, but it also has quite some green, some yellow, a bit of lime, a bit of orange, a little bit of indigo, a tiny bit of blue, a tiny bit of purple, and a tiny bit of violet in it.
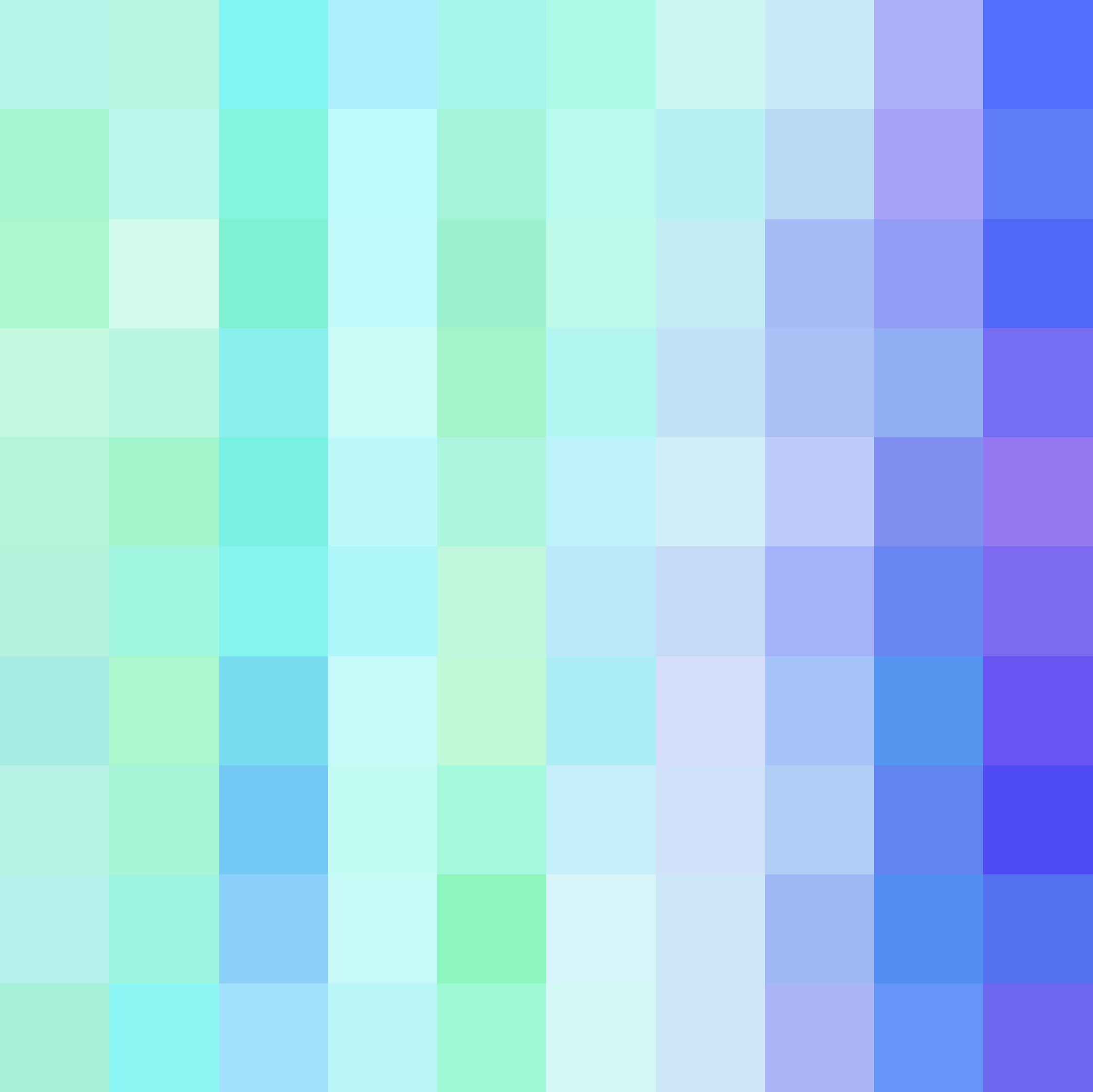
There's a pixel gradient in this 10 by 10 grid. It is mostly cyan, but it also has quite some blue, quite some green, and a bit of indigo in it.

There's a pixel gradient in this 4 by 4 grid. It is mostly purple, and it also has a little bit of violet, and a little bit of magenta in it.

Here's a 15 by 15 pixelated grid that forms a colourful gradient. It is mostly green, and it also has a bit of yellow, a bit of cyan, a bit of lime, and a little bit of blue in it.
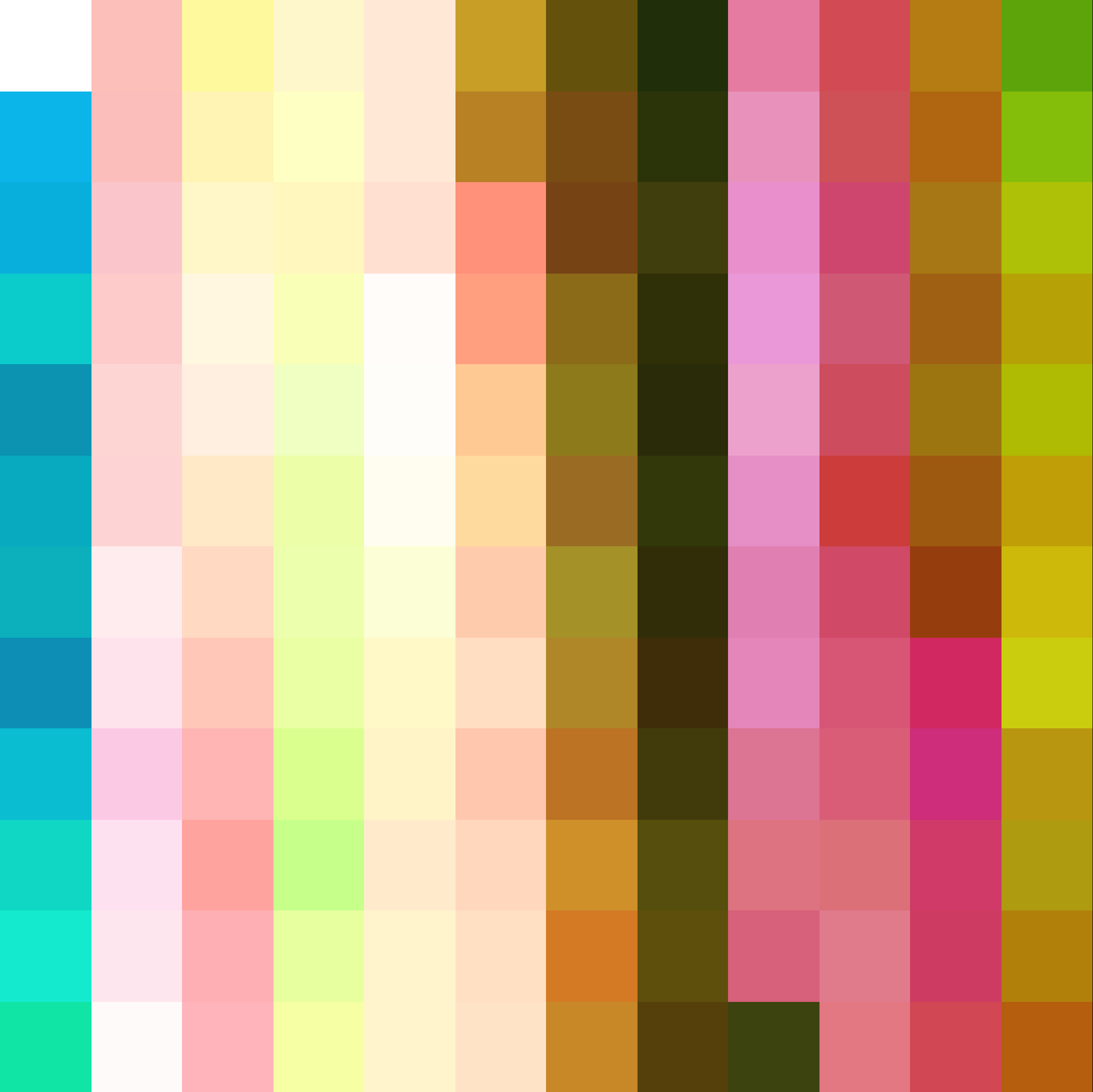
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly orange, but it also has quite some red, quite some yellow, a bit of rose, a little bit of cyan, a little bit of lime, a little bit of green, a little bit of magenta, and a tiny bit of blue in it.
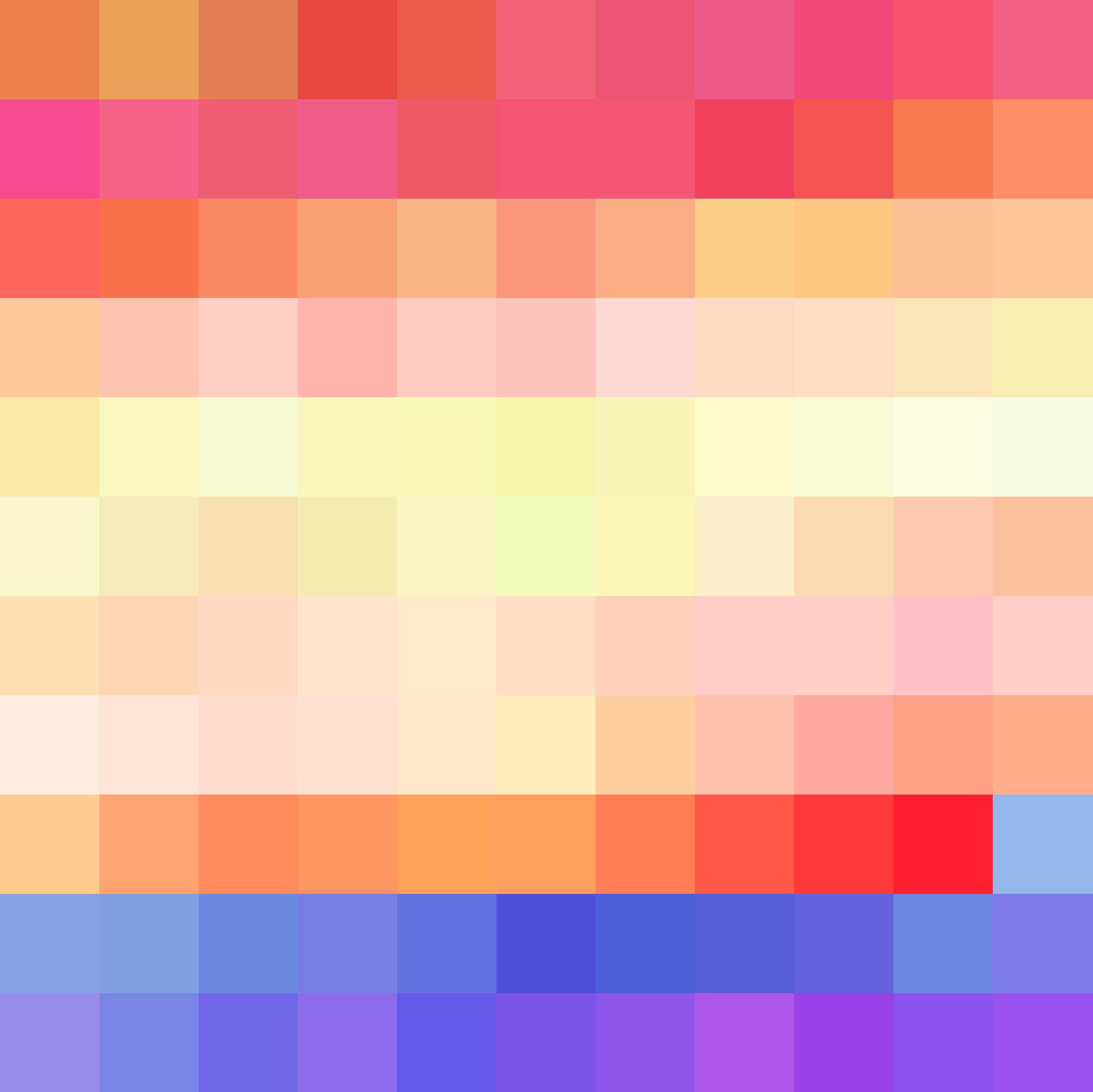
This very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly orange, but it also has quite some red, some yellow, a bit of blue, a little bit of indigo, a tiny bit of violet, and a tiny bit of purple in it.

A very, very colourful grid of 196 blocks. It's mostly red, and it also has some blue, some green, some orange, a little bit of yellow, a little bit of indigo, a little bit of cyan, and a tiny bit of lime in it.
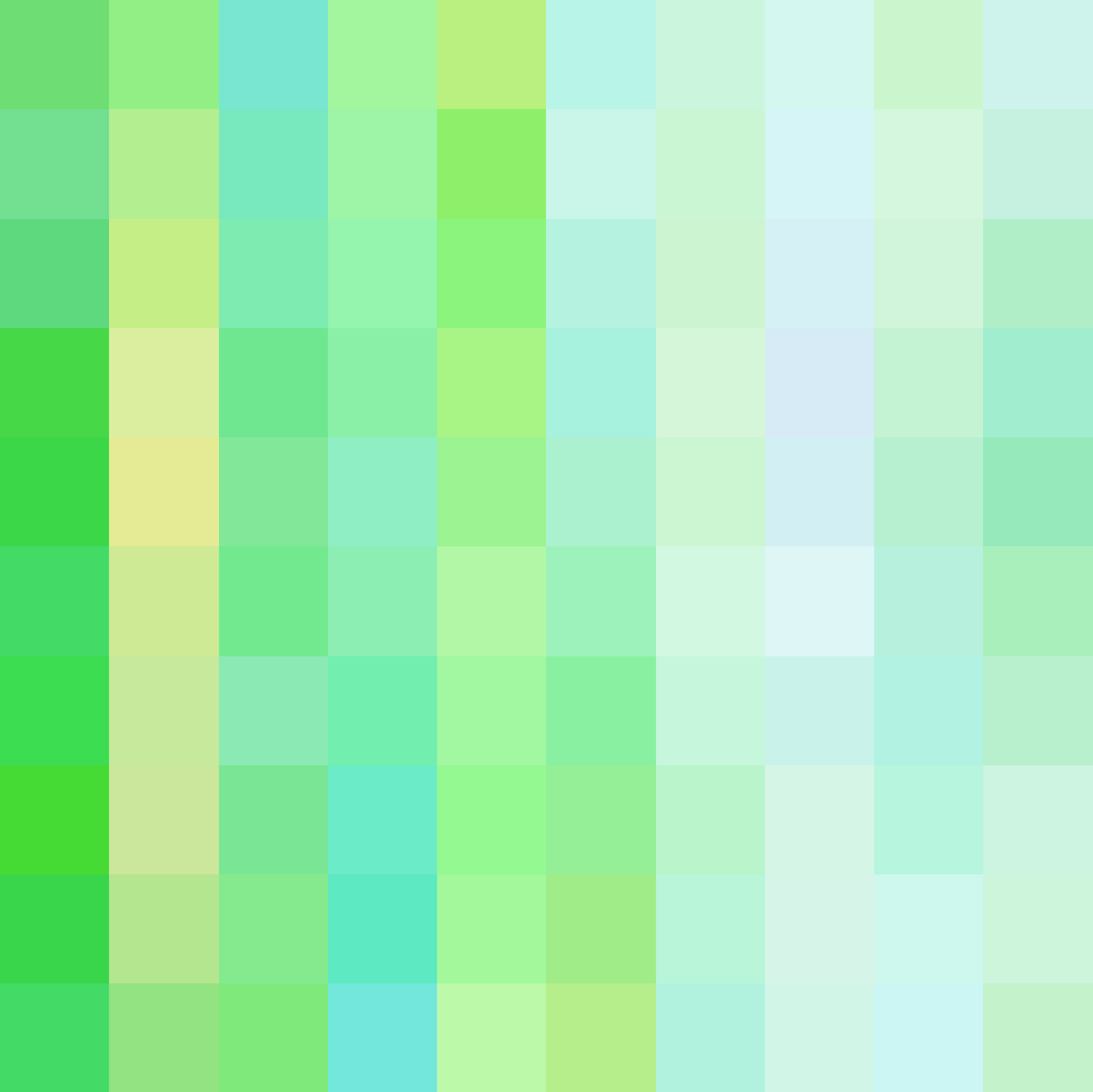
There's a colourful pixel gradient in this 10 by 10 grid. It is mostly green, and it also has some cyan, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of blue in it.
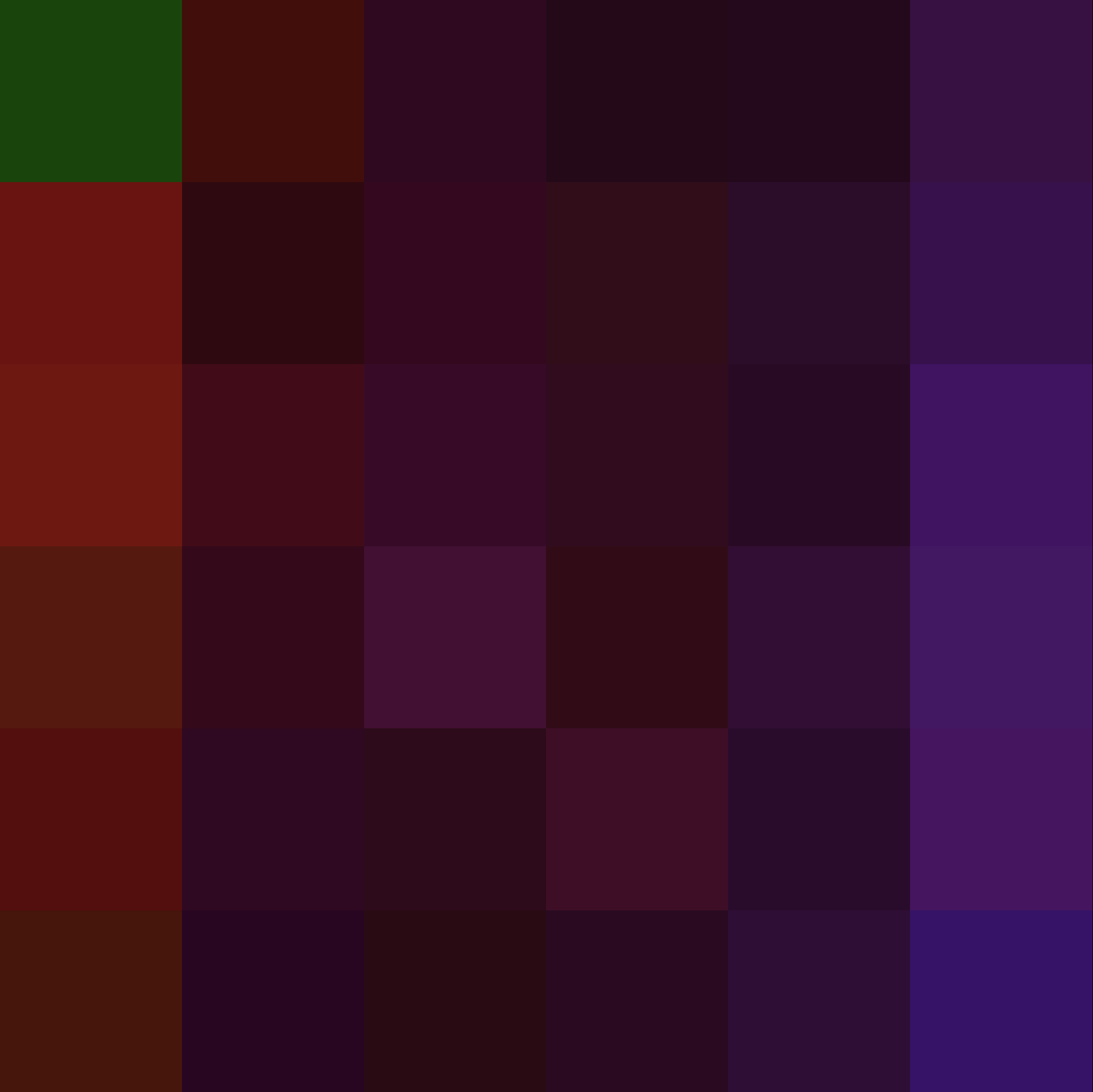
The two tone gradient in this 6 by 6 pixel grid is mostly red, but it also has a little bit of green in it.

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