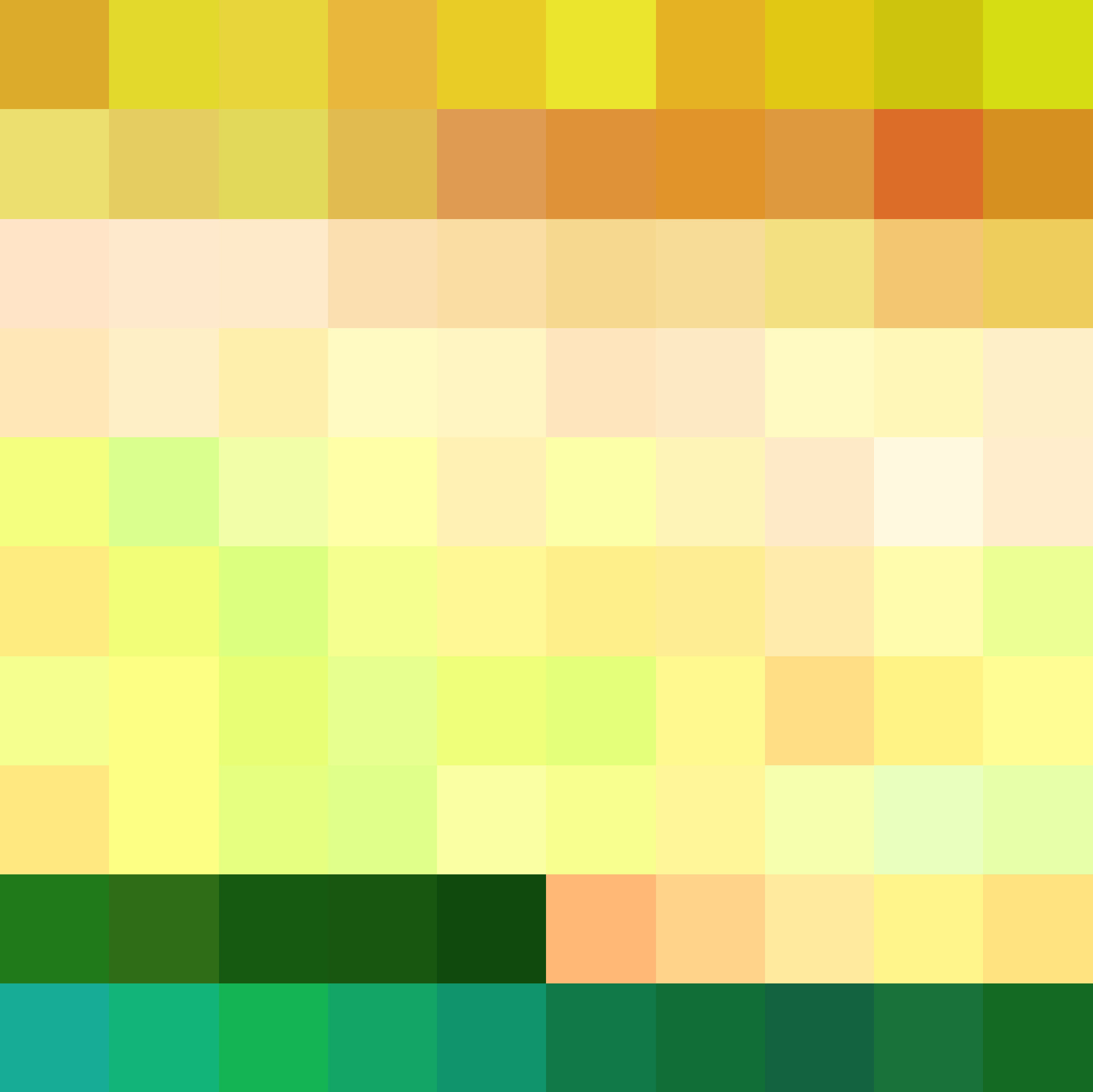# 100 random pixel gradients
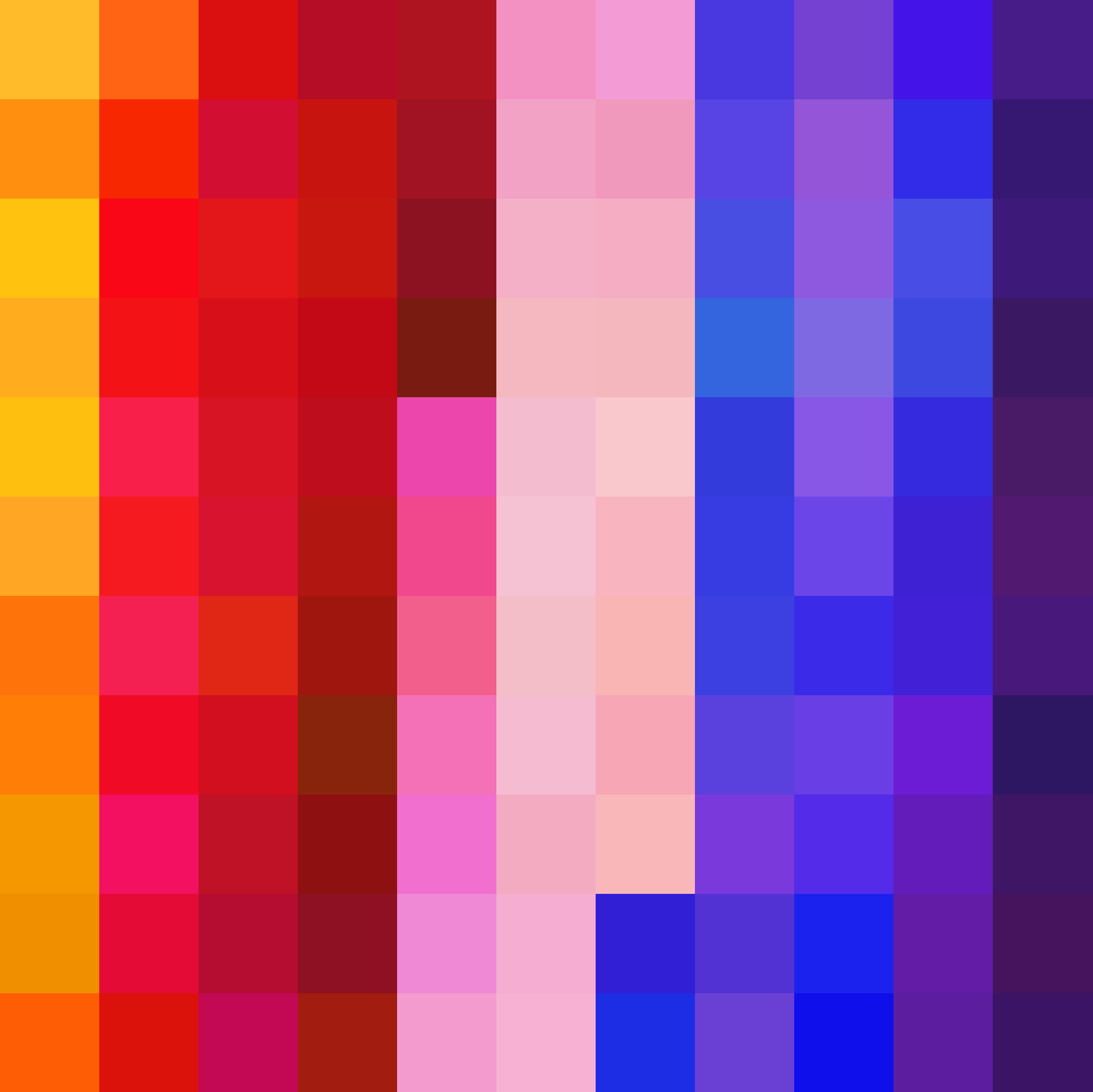
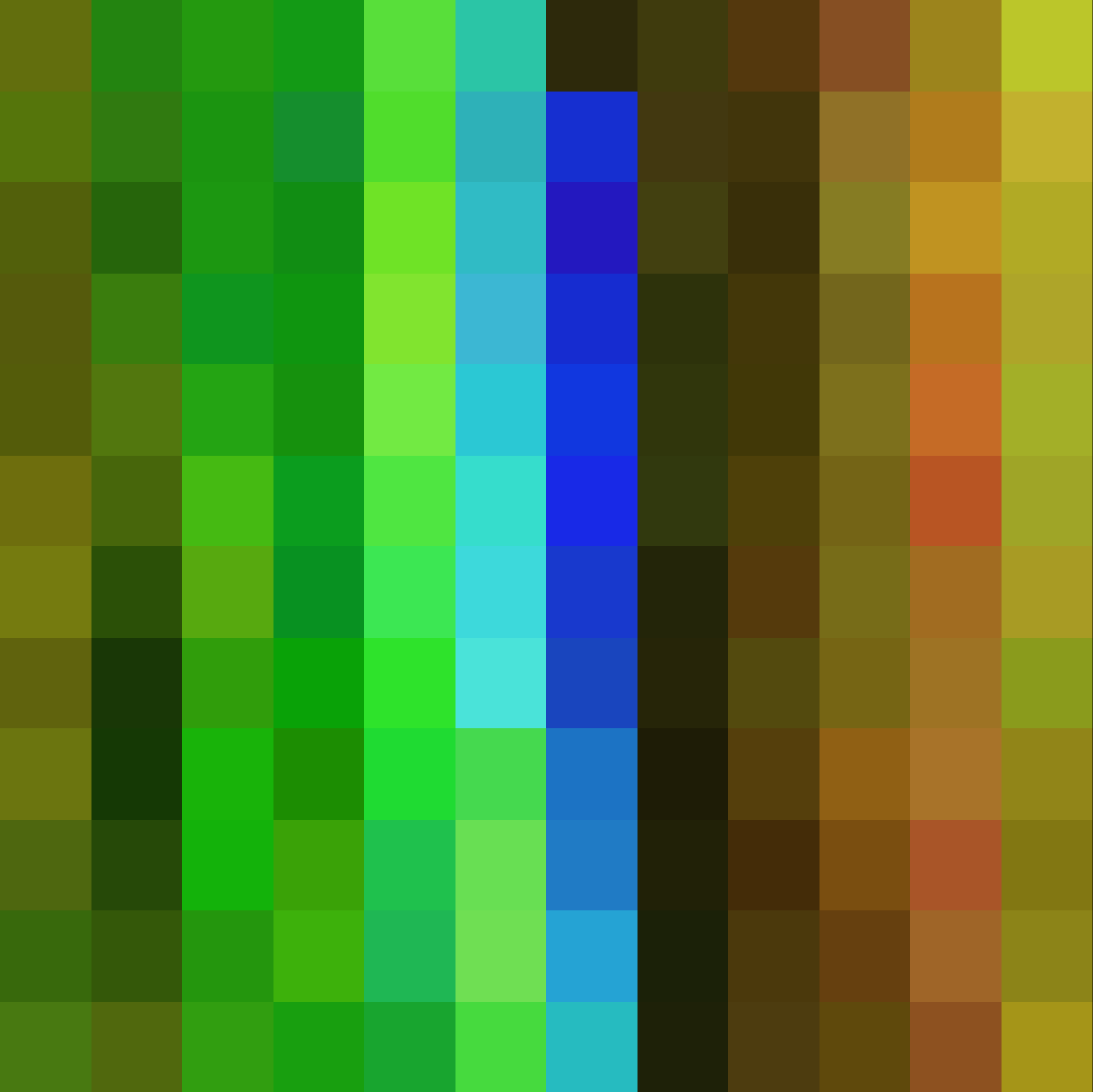Vasilis van Gemert – 05-08-2024

This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, and it also has some green, some blue, a bit of orange, a bit of yellow, a little bit of cyan, a little bit of rose, a little bit of indigo, a little bit of lime, a little bit of purple, a tiny bit of magenta, and a tiny bit of violet in it.
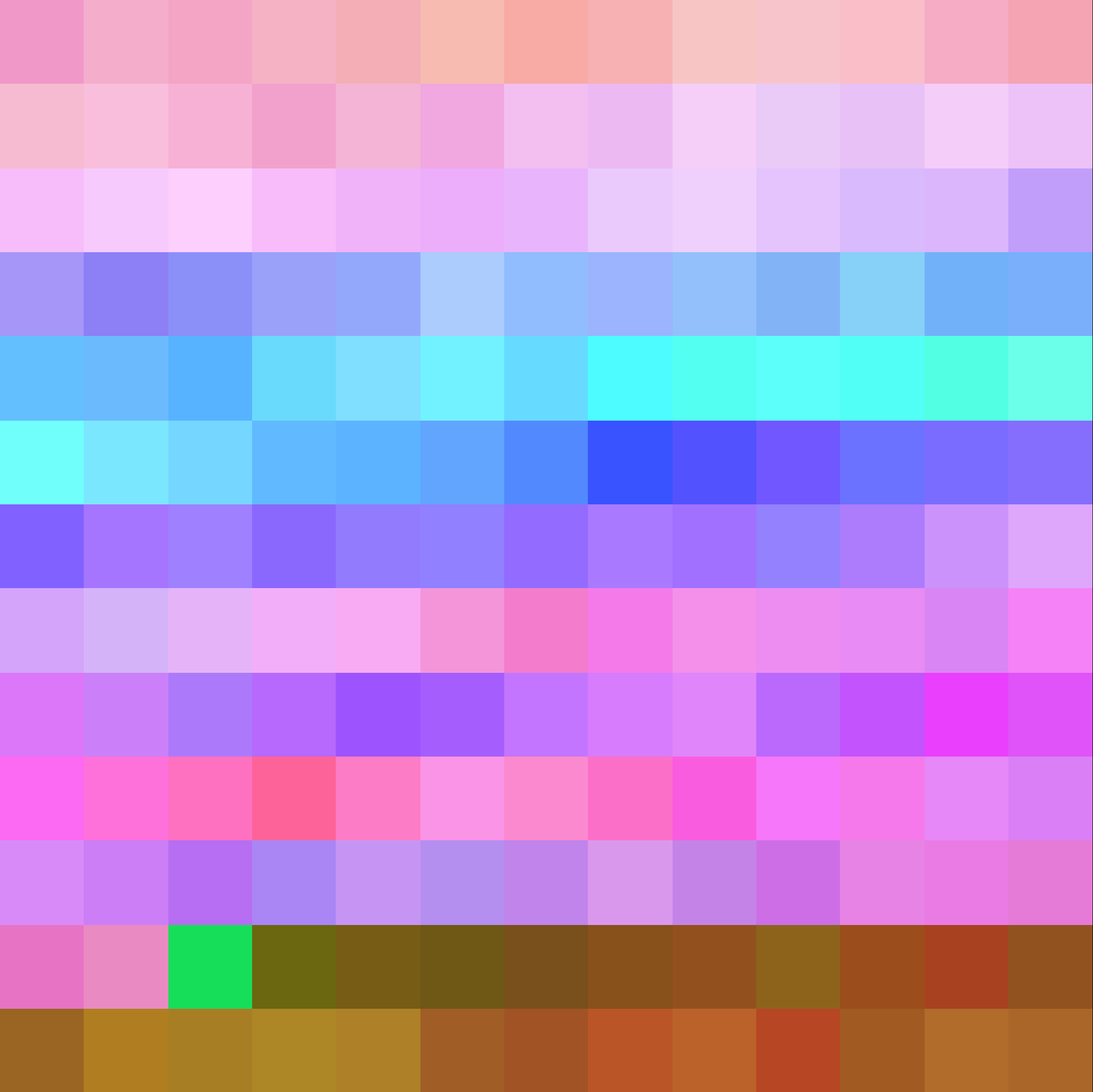
A 10 by 10 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, but it also has quite some orange, some green, a bit of lime, and a tiny bit of cyan in it.
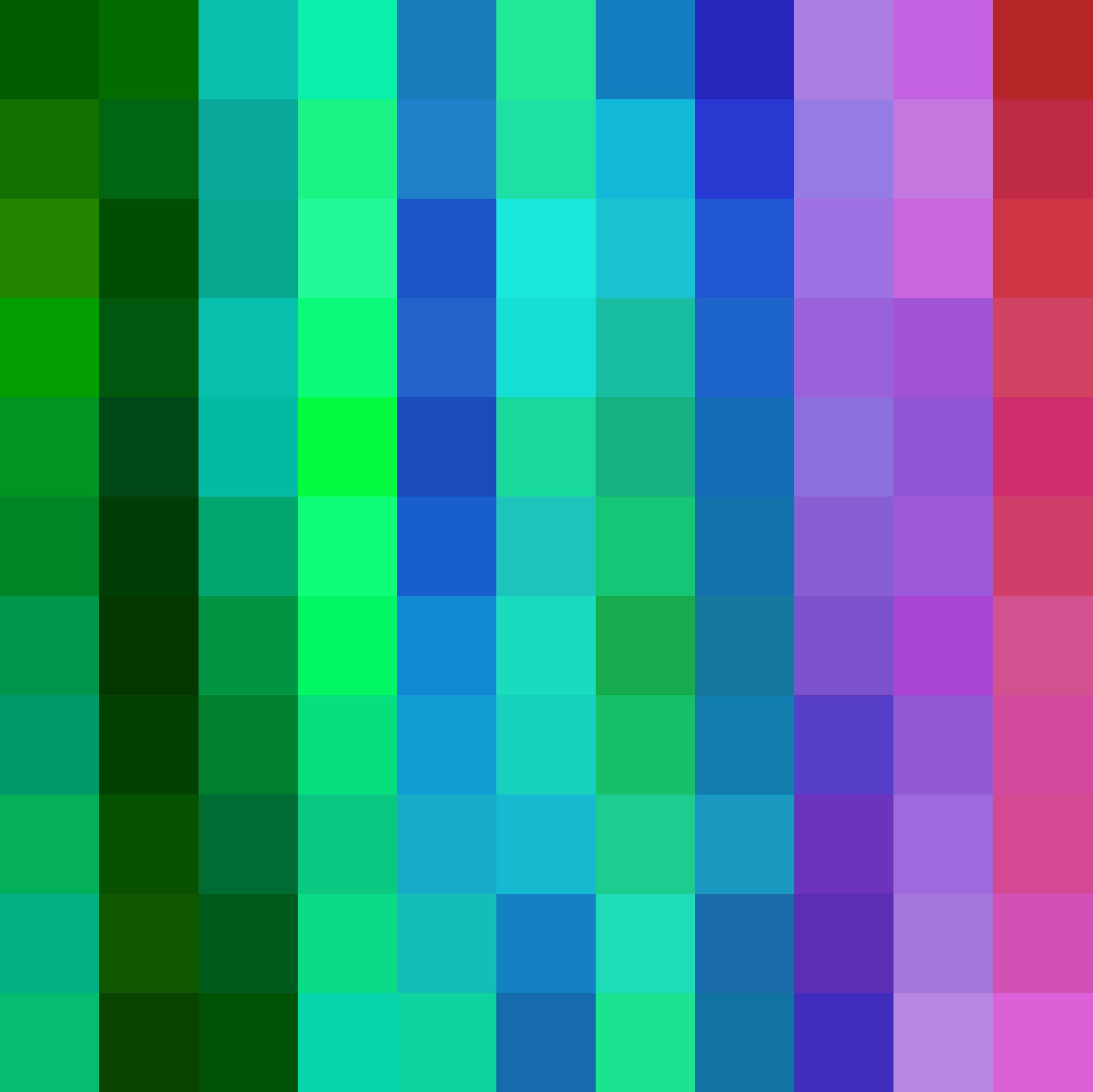
A very, very colourful grid of 121 blocks. It's mostly red, and it also has some indigo, some rose, some violet, a bit of orange, a bit of blue, a little bit of magenta, and a little bit of purple in it.
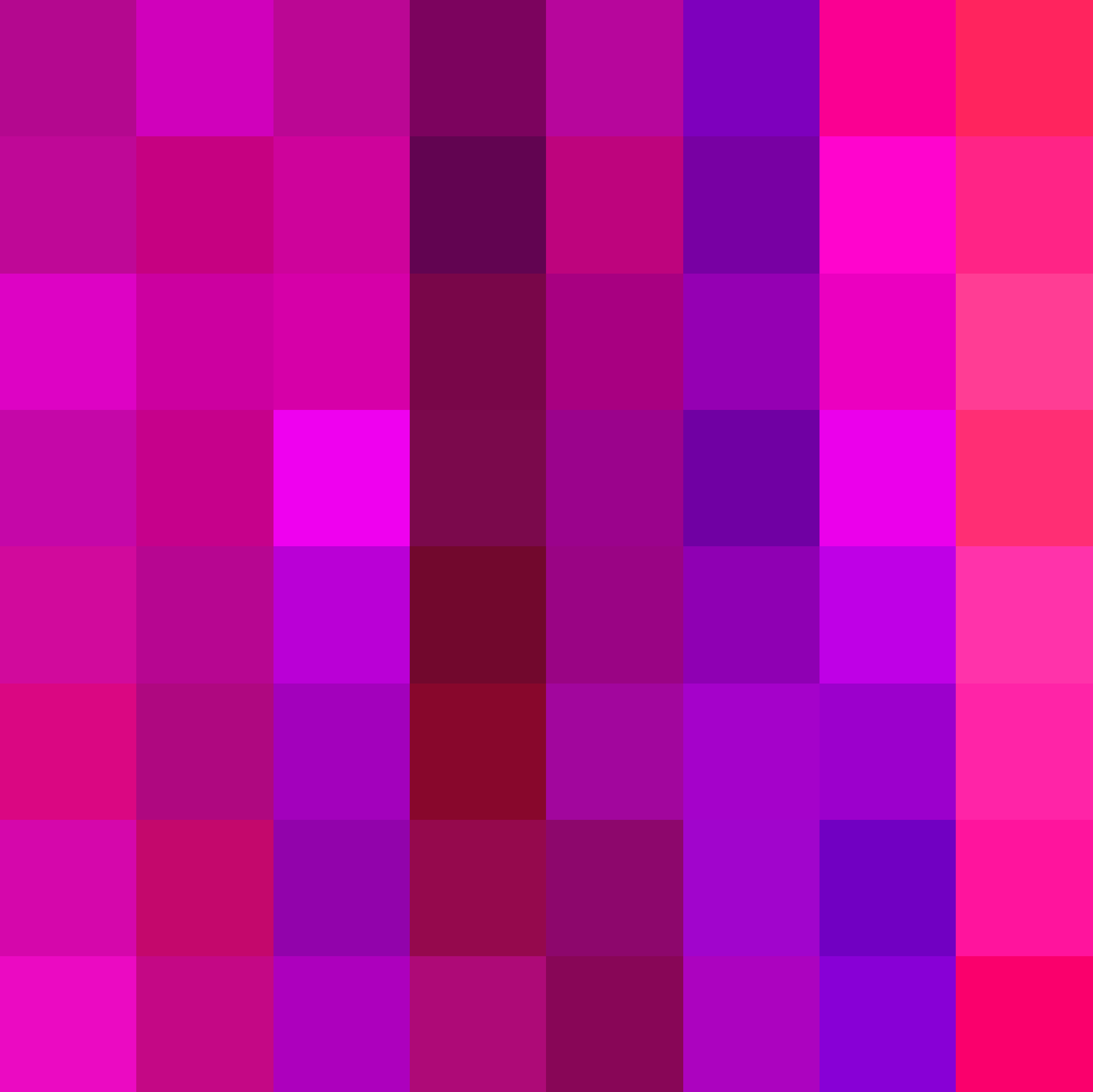
This very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has quite some yellow, some orange, a little bit of cyan, a little bit of blue, a little bit of lime, and a tiny bit of indigo in it.
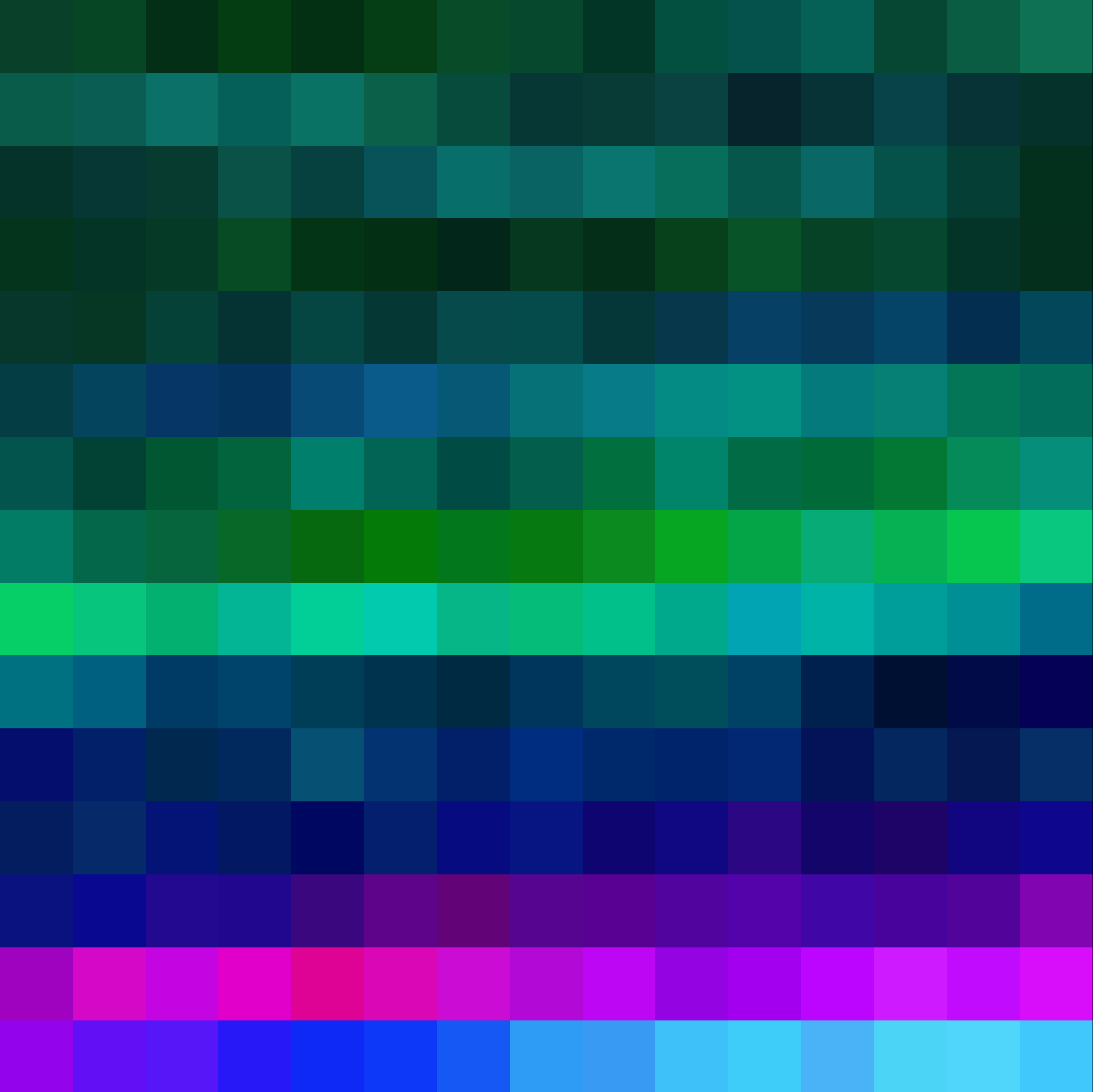
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some blue, some orange, a bit of indigo, a bit of rose, a bit of violet, a little bit of red, a little bit of cyan, a tiny bit of green, and a tiny bit of yellow in it.
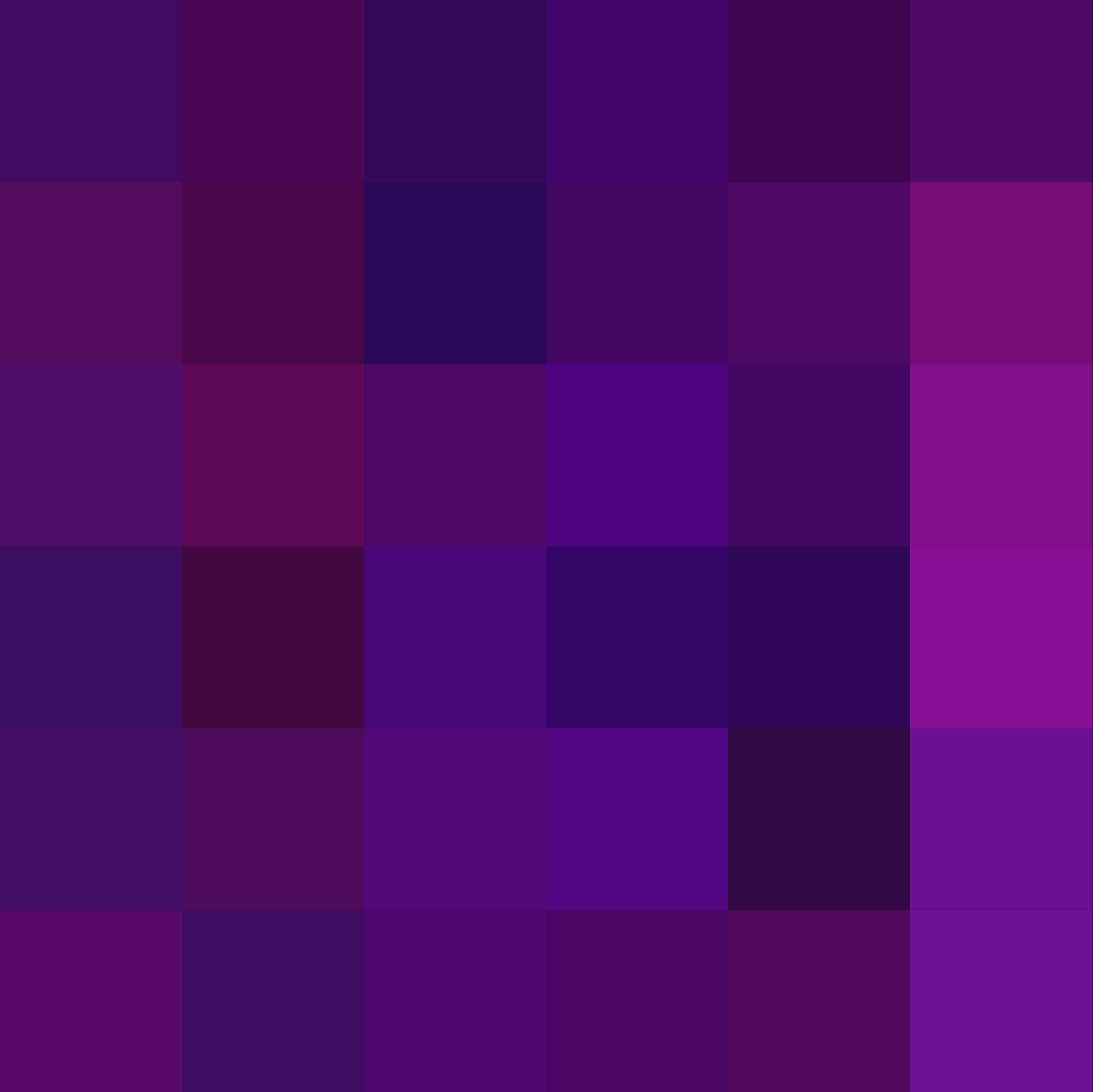
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly green, but it also has some blue, some cyan, a bit of violet, a little bit of purple, a little bit of indigo, a little bit of rose, a little bit of red, and a tiny bit of magenta in it.
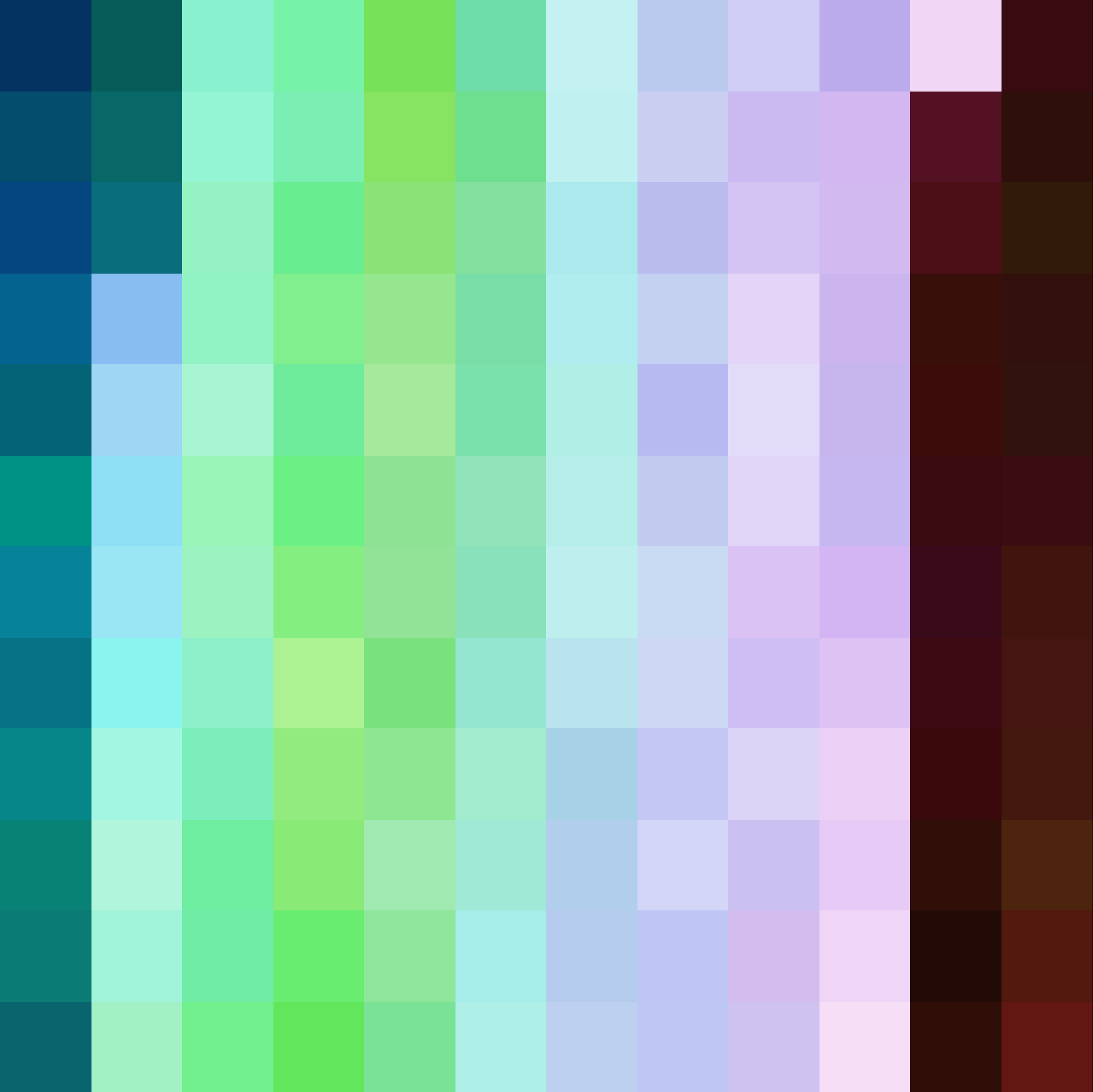
This pixel gradient—it is 8 cells wide, 8 cells high—is mostly magenta, and it also has some purple, and some rose in it.

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

There's a pixel gradient in this 6 by 6 grid. It is mostly purple, but it also has quite some magenta, and a bit of violet in it.
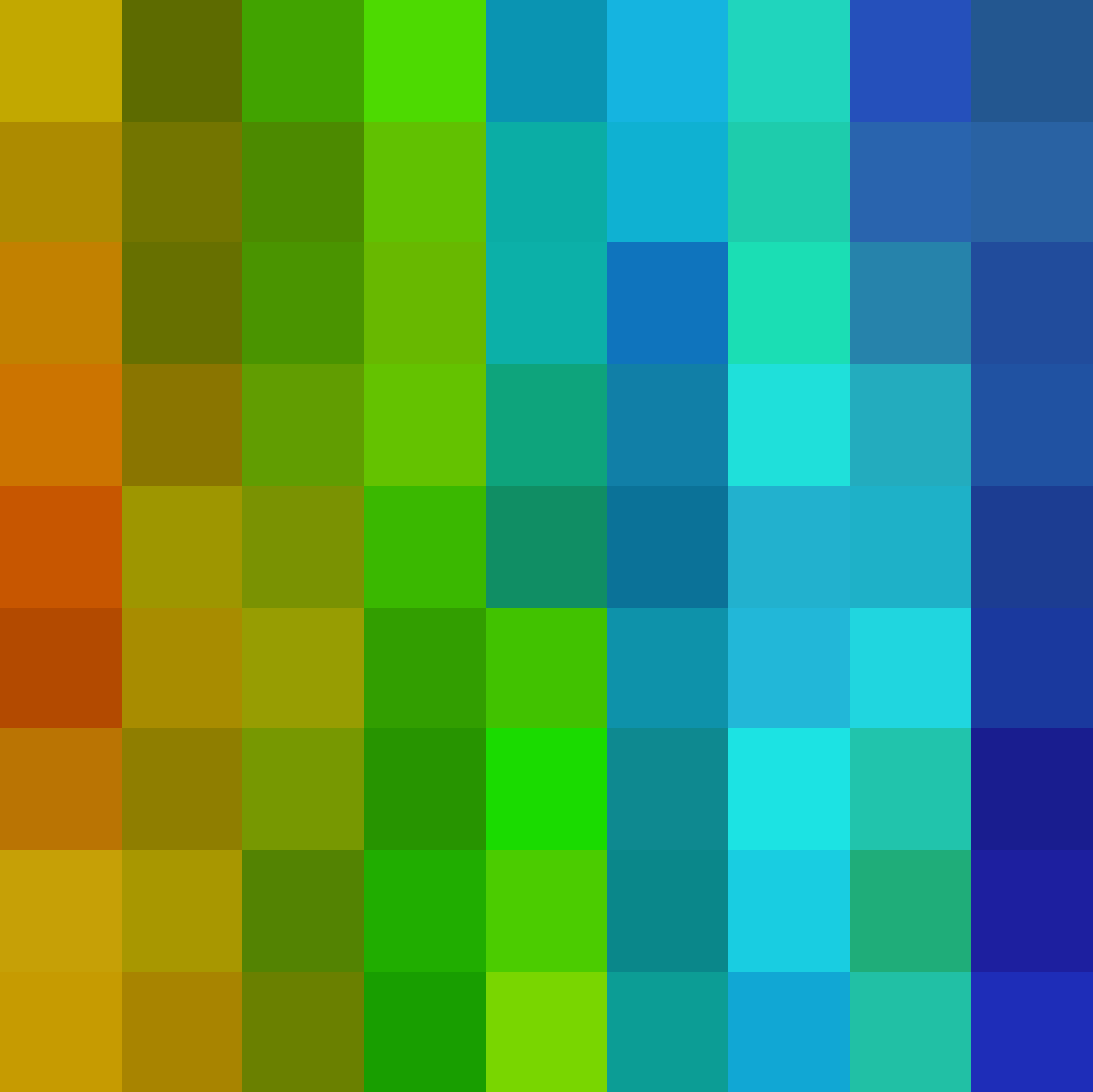
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some cyan, some blue, some red, a bit of indigo, a little bit of violet, a little bit of purple, a tiny bit of magenta, a tiny bit of rose, and a tiny bit of orange in it.
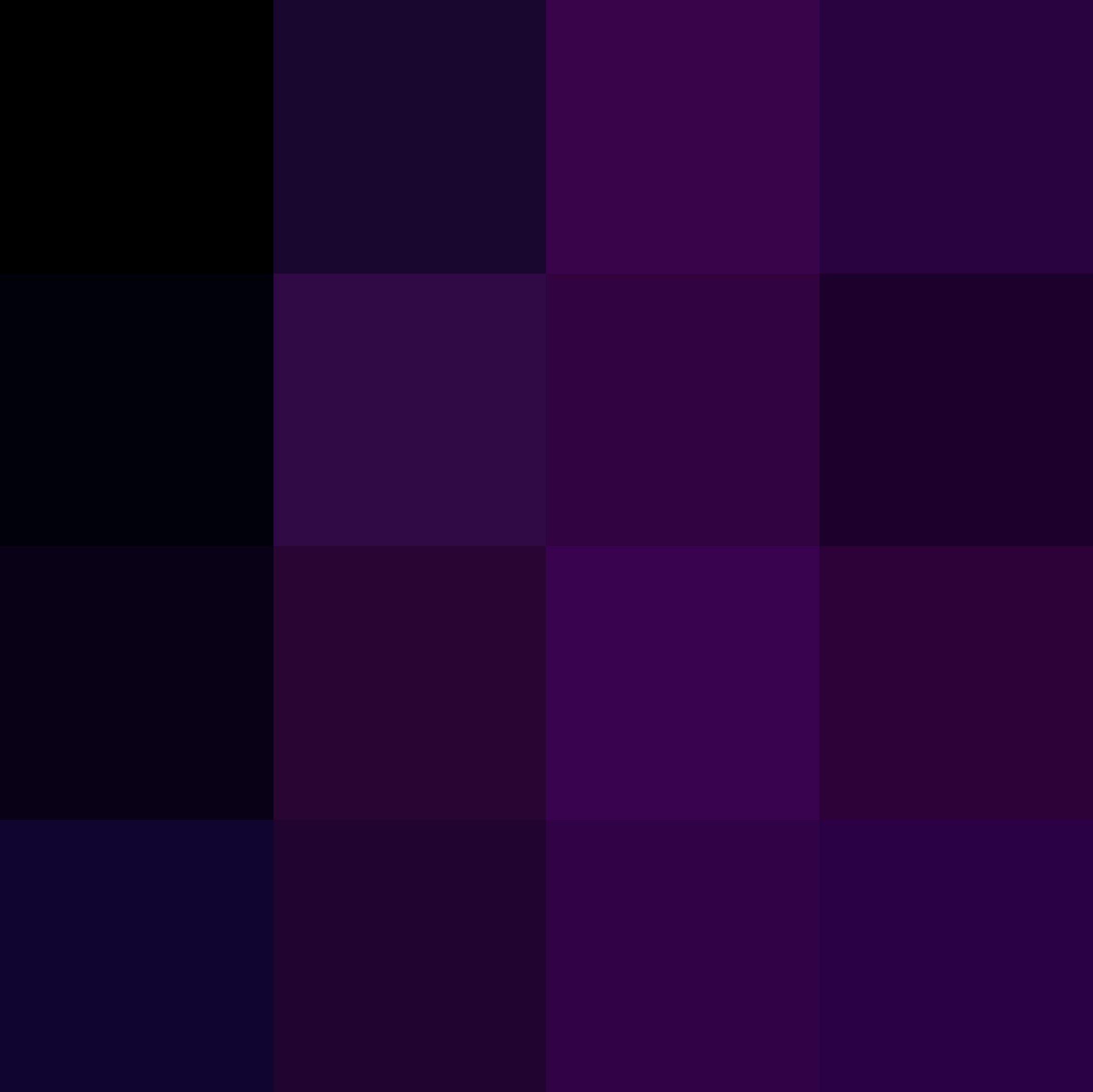
A very colourful grid of 49 blocks. It's mostly red, but it also has some magenta, some rose, some purple, a bit of green, and a little bit of orange in it.

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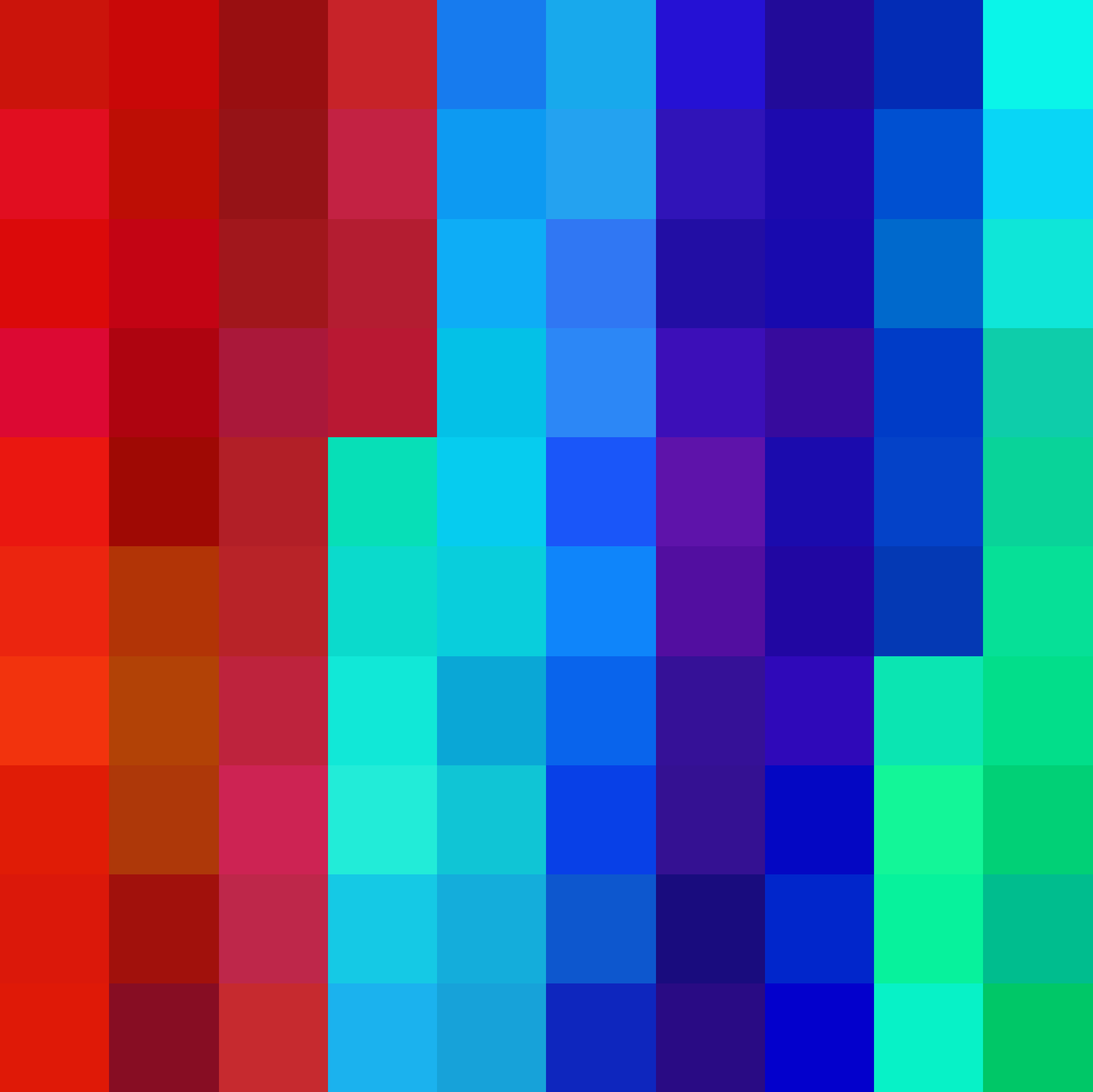
The cells in this 9 by 9 pixel grid form a very colourful gradient. It is mostly cyan, but it also has quite some green, quite some yellow, quite some blue, a little bit of orange, and a tiny bit of lime in it.

This gradient, generated in this 4 by 4 pixel grid, is mostly purple, and it also has some indigo, a little bit of blue, and a little bit of violet in it.
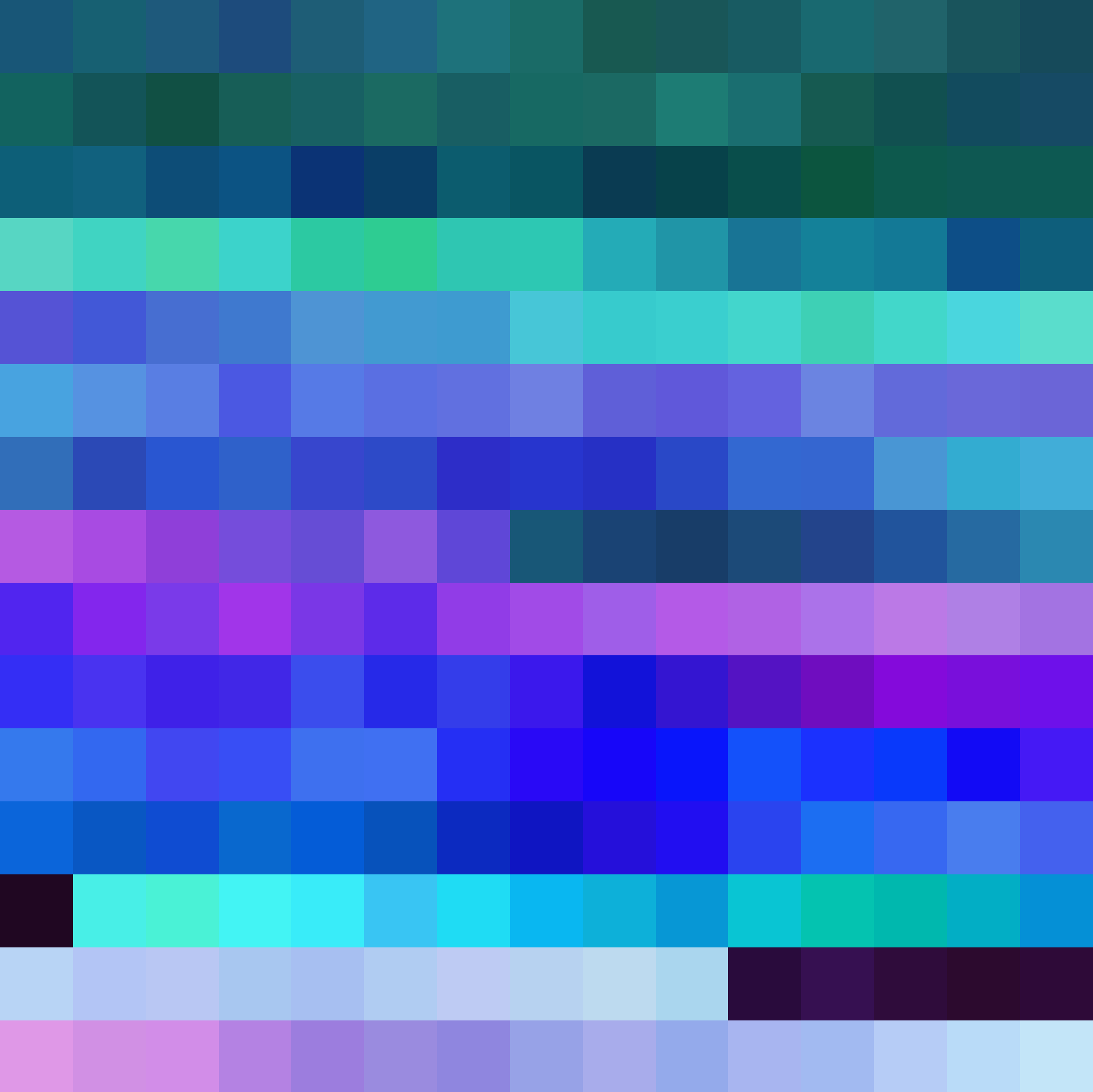
A grid with 121 coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has quite some orange, a bit of magenta, a bit of rose, and a little bit of yellow in it.

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

Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some green, and quite some blue in it.

This very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly blue, and it also has quite some cyan, some indigo, a bit of purple, a little bit of violet, a tiny bit of green, and a tiny bit of magenta in it.
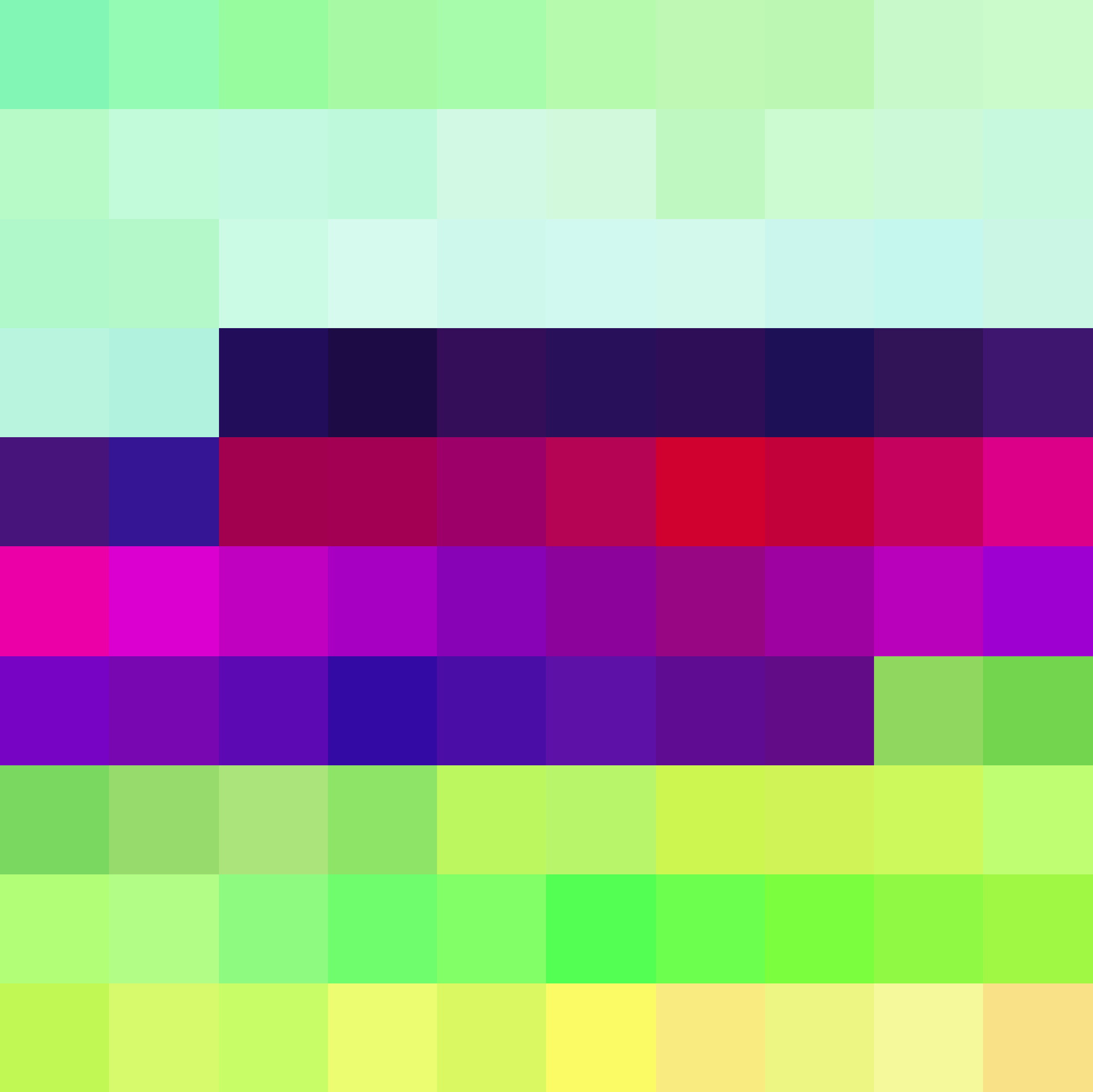
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, but it also has some cyan, some yellow, some orange, a bit of blue, a bit of magenta, a bit of red, a little bit of lime, a little bit of rose, a little bit of purple, a tiny bit of indigo, and a tiny bit of violet in it.

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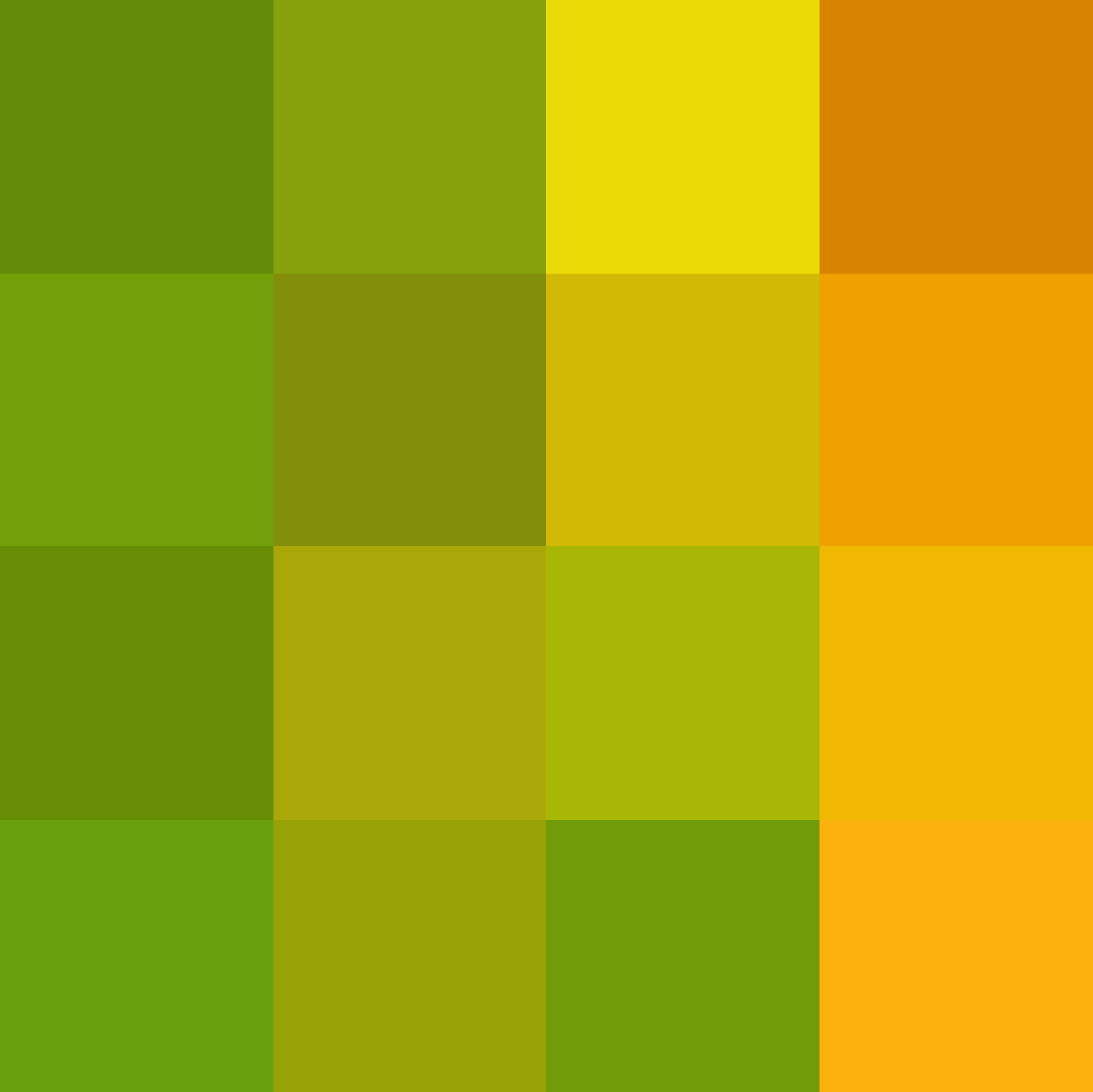
The very, very colourful gradient in this 13 by 13 pixel grid is mostly magenta, and it also has quite some orange, quite some red, a bit of purple, a little bit of rose, a tiny bit of yellow, a tiny bit of green, a tiny bit of violet, and a tiny bit of lime in it.

A very, very colourful grid of 100 blocks. It's mostly green, and it also has a bit of magenta, a bit of purple, a little bit of indigo, a little bit of violet, a little bit of yellow, a little bit of rose, a little bit of lime, a little bit of cyan, and a tiny bit of red in it.
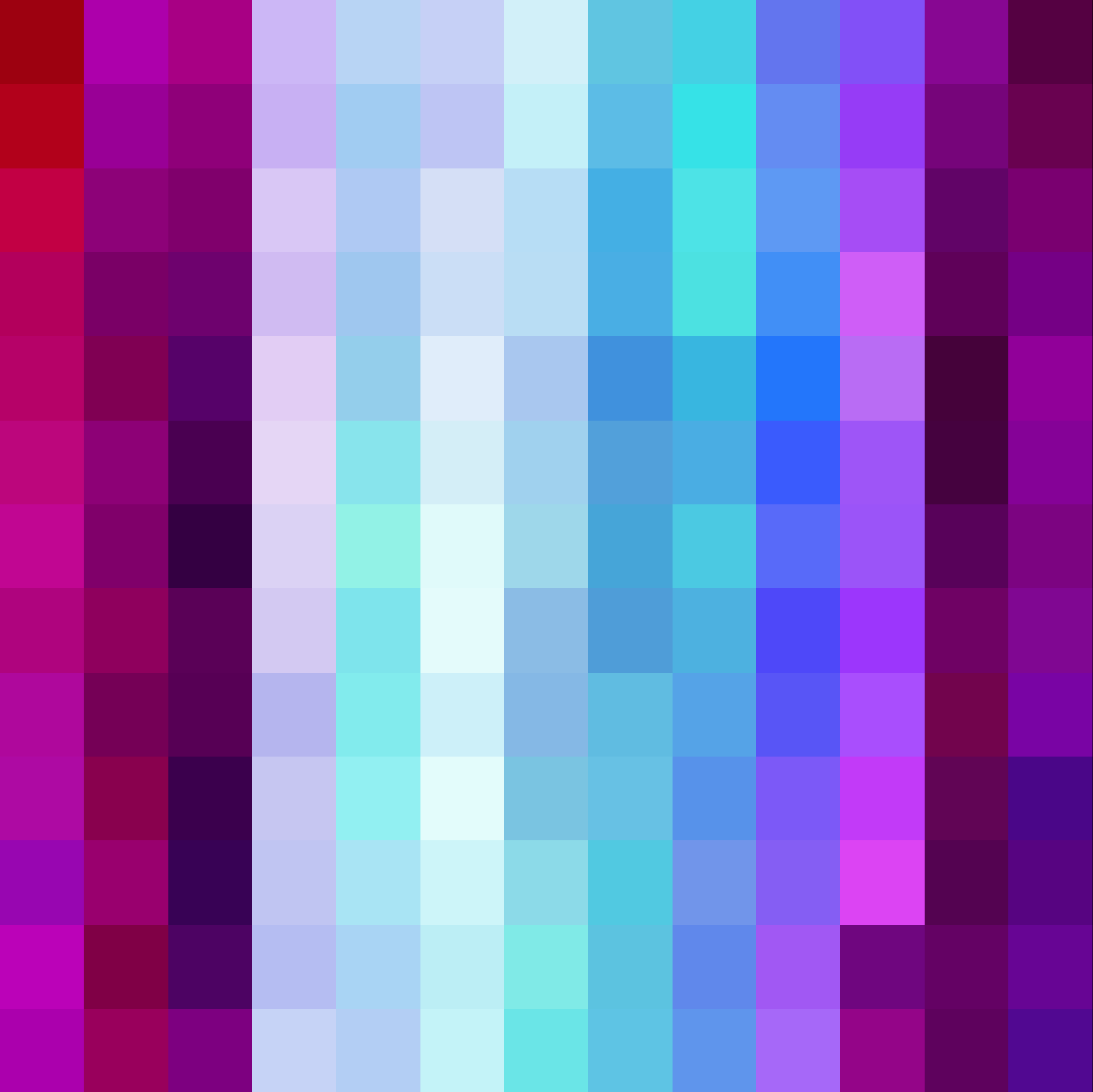
This very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly rose, and it also has quite some magenta, quite some red, some purple, a little bit of violet, a little bit of orange, and a tiny bit of indigo in it.
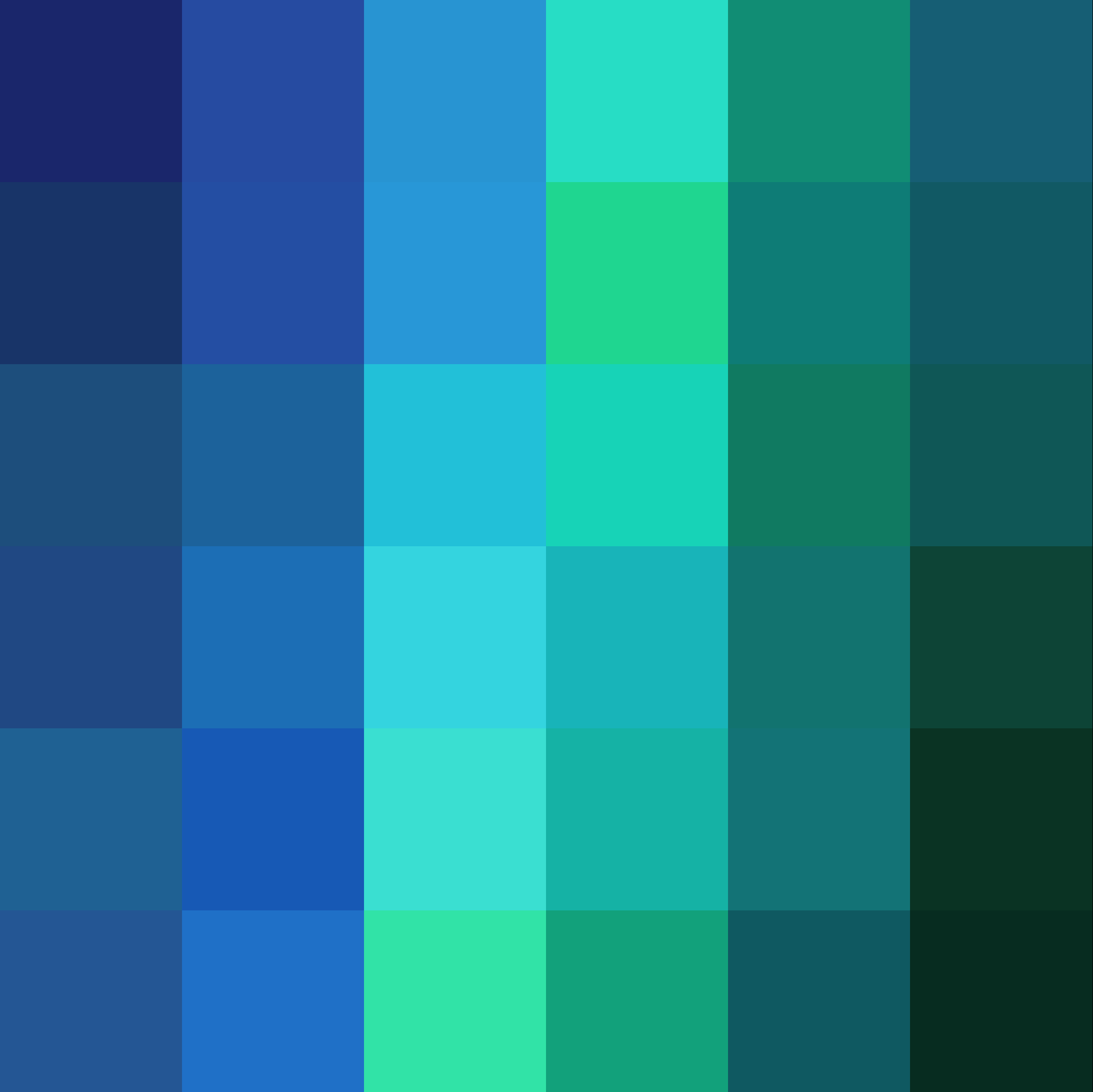
The cells in this 4 by 4 pixel grid form a gradient.
It is mostly yellow, but it also has quite some
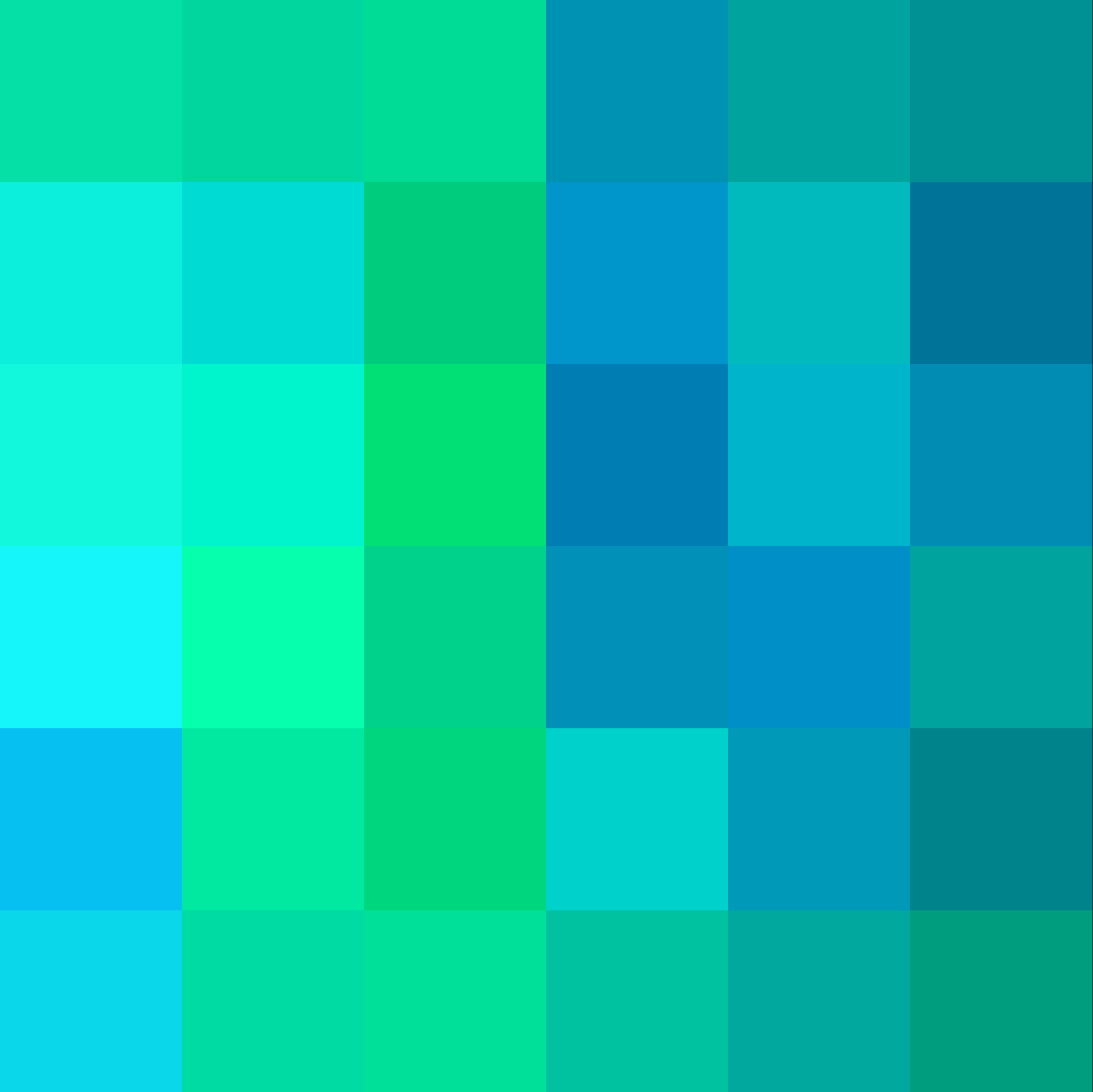lime, some orange, and a little bit of green in it.

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

The very, very colourful gradient in this 13 by 13 pixel grid is mostly blue, but it also has quite some magenta, some cyan, some purple, a little bit of violet, a little bit of indigo, a tiny bit of rose, and a tiny bit of red in it.
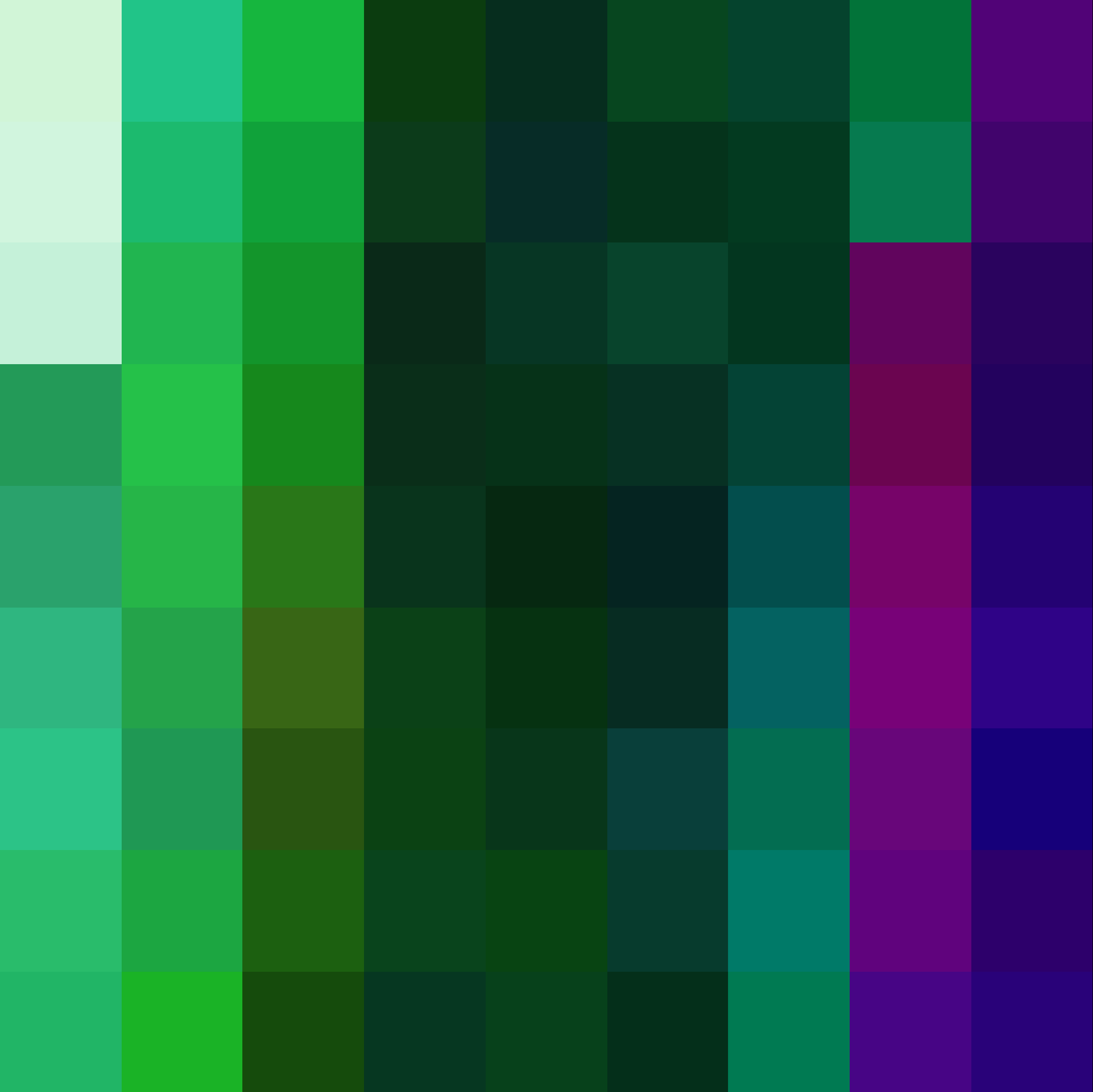
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly cyan, but it also has a lot of blue, and some green in it.

The cells in this 6 by 6 pixel grid form a gradient. It is mostly cyan, but it also has quite some green, and some blue in it.

There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly yellow, and it also has quite some lime, some orange, some magenta, a bit of green, and a tiny bit of purple in it.
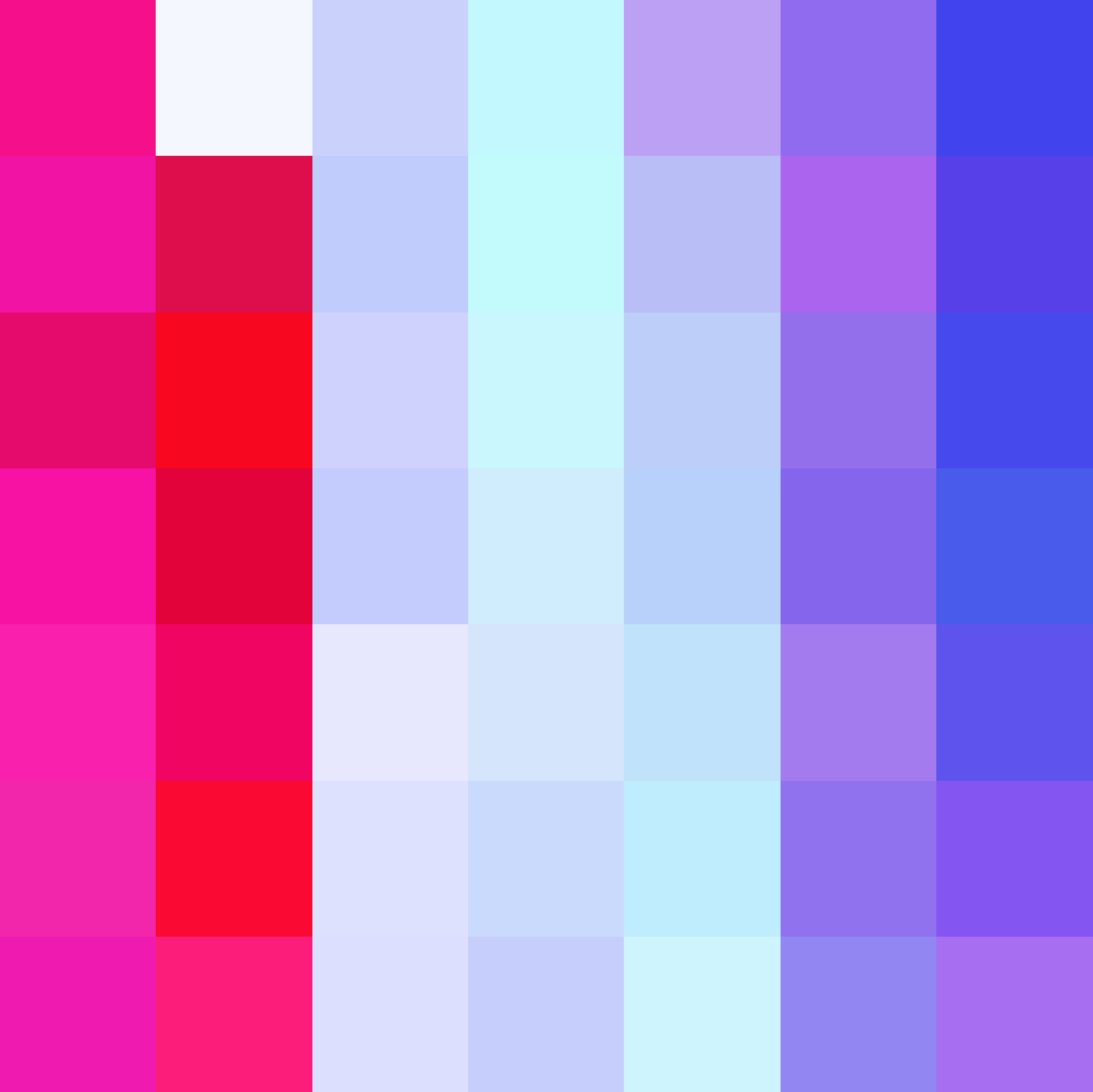
A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, a little bit of purple, a little bit of magenta, a little bit of indigo, and a little bit of violet in it.
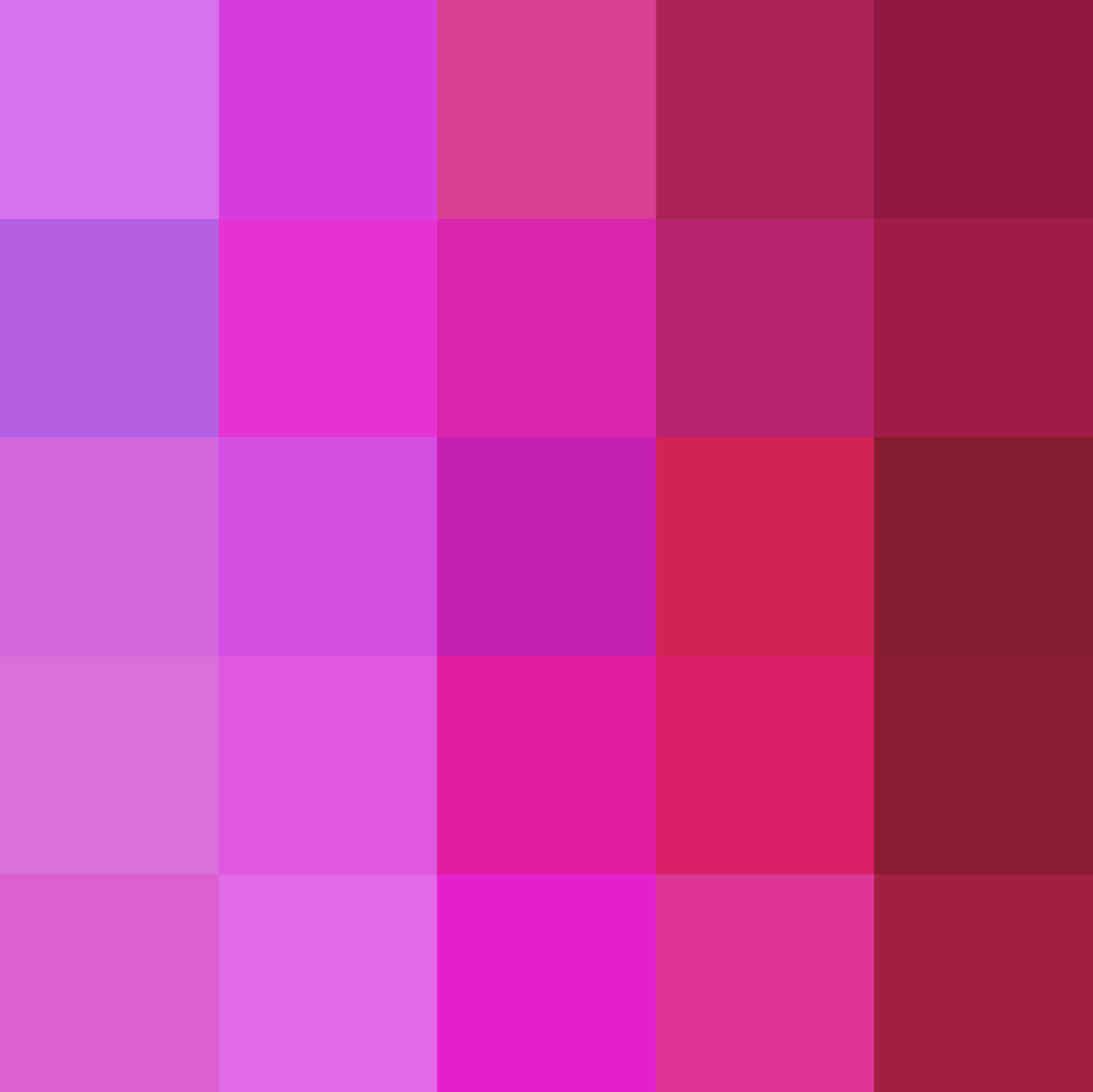
There's a pixel gradient in this 6 by 6 grid. It is mostly red, and it also has some orange, and some yellow in it.

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some lime, a little bit of cyan, and a little bit of yellow in it.

The very, very colourful gradient in this 7 by 7 pixel grid is mostly blue, but it also has some indigo, a bit of magenta, a bit of rose, a bit of cyan, a little bit of red, a little bit of violet, and a tiny bit of purple in it.
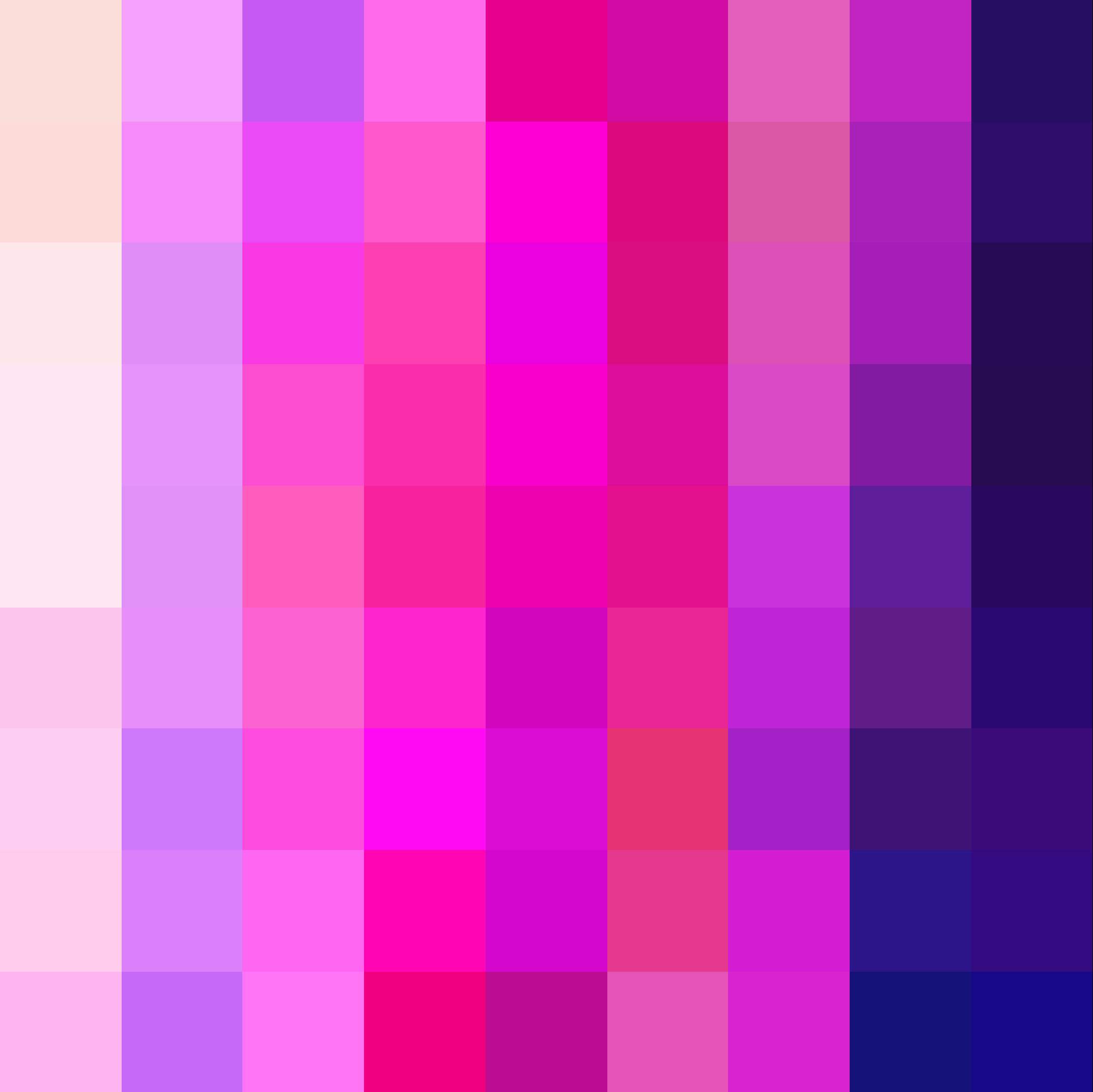
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some rose, a bit of purple, and a bit of red in it.

This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some orange in it.

A grid with 49 coloured squares that form a monochrome gradient. The colours are various shades of green.

A monochrome grid of 81 blocks. It's red.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly indigo, but it also has quite some violet, quite some blue, and quite some purple in it.
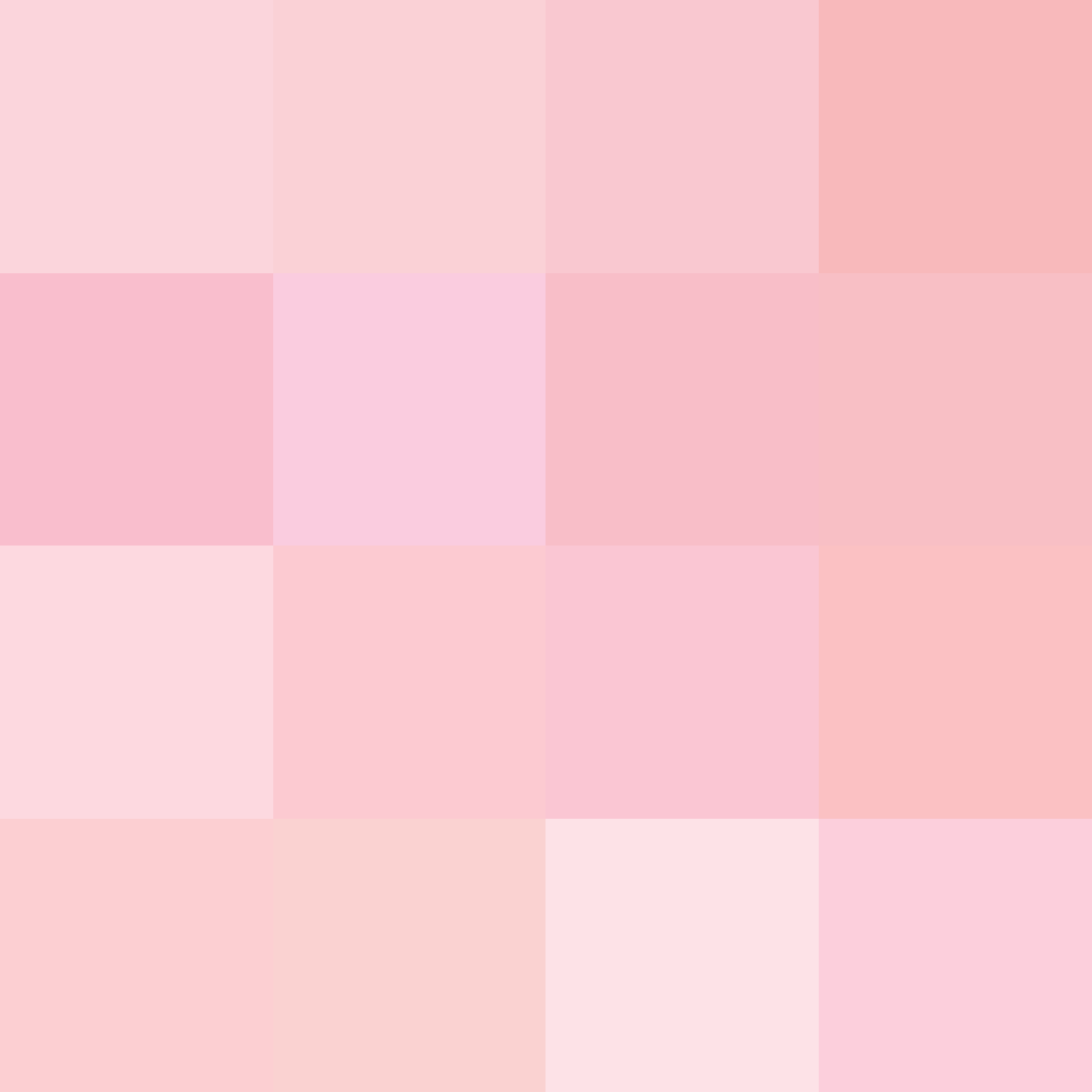
A grid of 49 blocks. It's mostly cyan, and it also has some green, and some blue in it.

The colourful gradient in this 9 by 9 pixel grid is mostly red, and it also has quite some yellow, some orange, some lime, and a little bit of green in it.
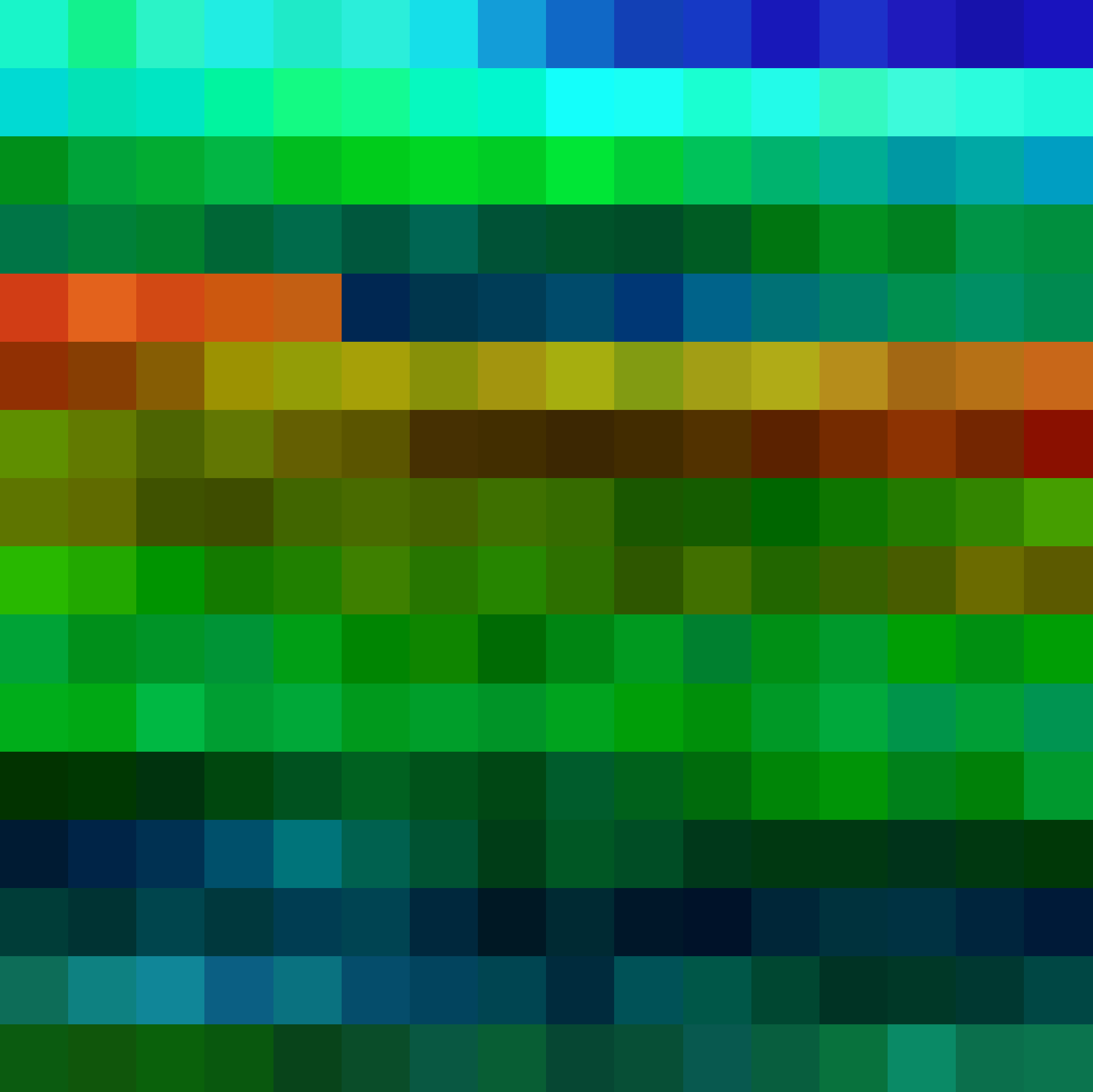
The very colourful gradient in this 7 by 7 pixel grid is mostly purple, and it also has quite some blue, some violet, some indigo, a little bit of cyan, and a little bit of magenta in it.
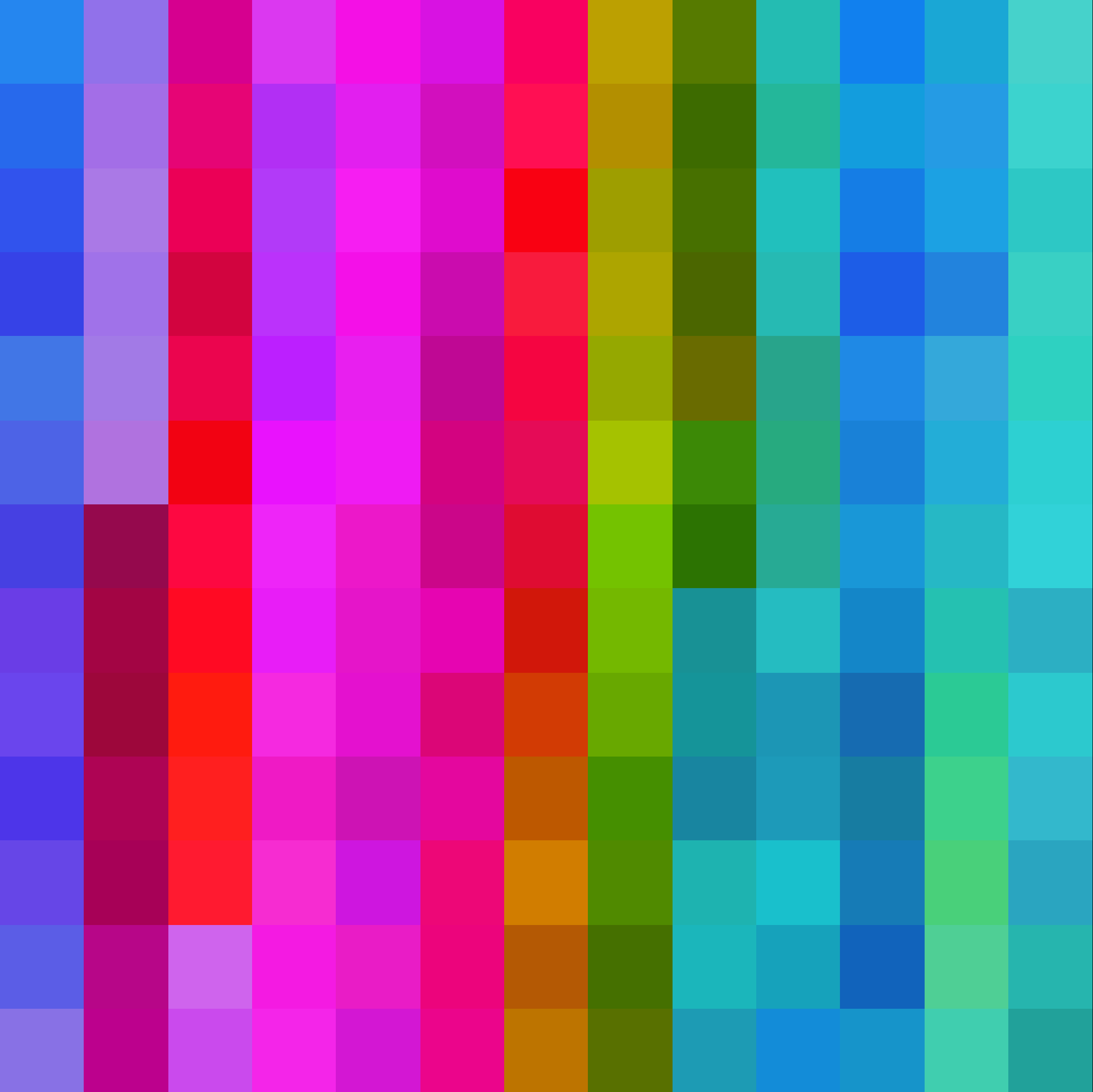
This two tone gradient, generated in this 4 by 4 pixel grid, is mostly red, but it also has some rose in it.
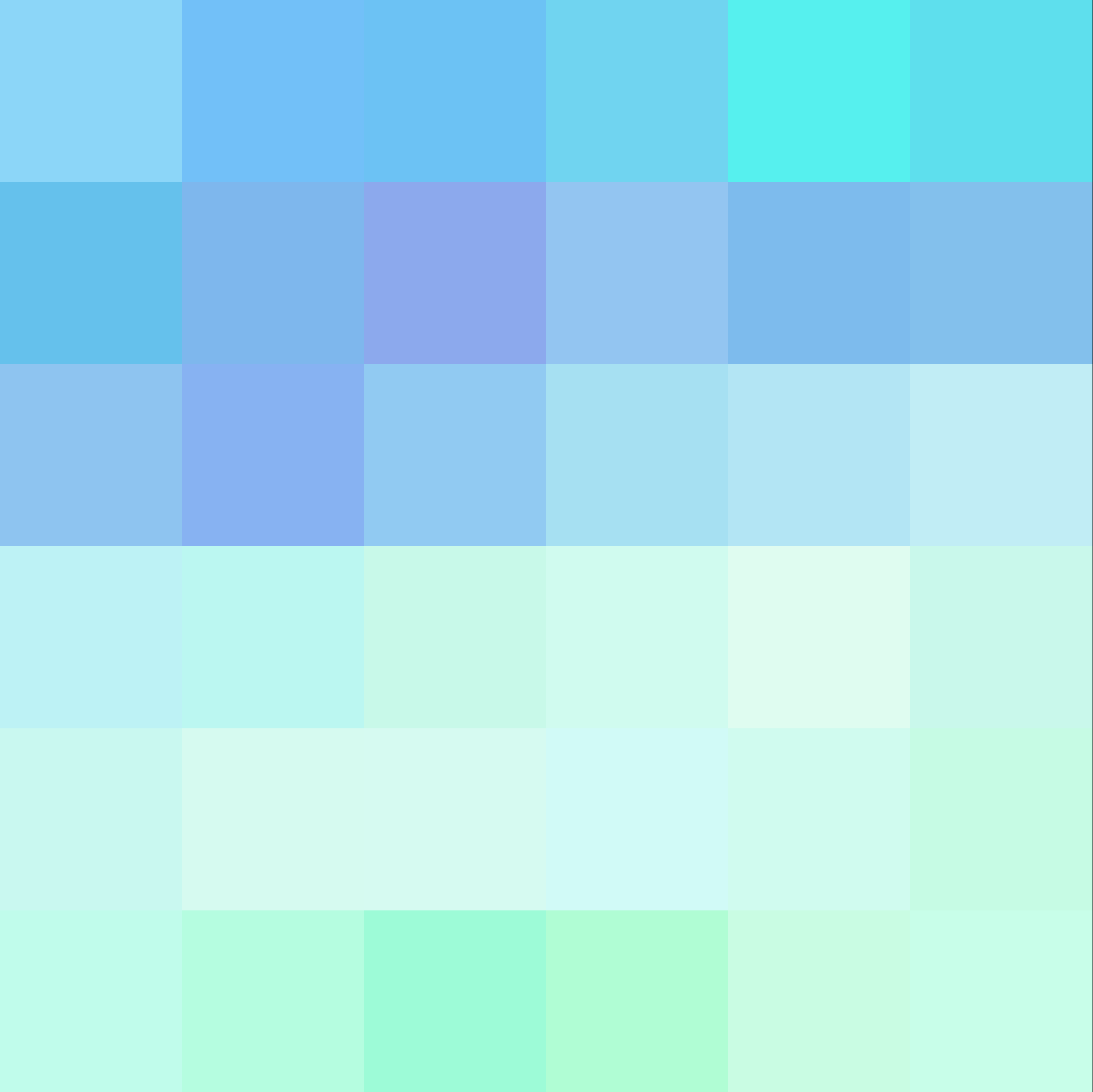
There's a colourful pixel gradient in this 10 by 10 grid. It is mostly yellow, and it also has some orange, some lime, a little bit of red, and a little bit of green in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, but it also has some cyan, some blue, a bit of orange, a little bit of yellow, a little bit of lime, a tiny bit of indigo, and a tiny bit of red in it.
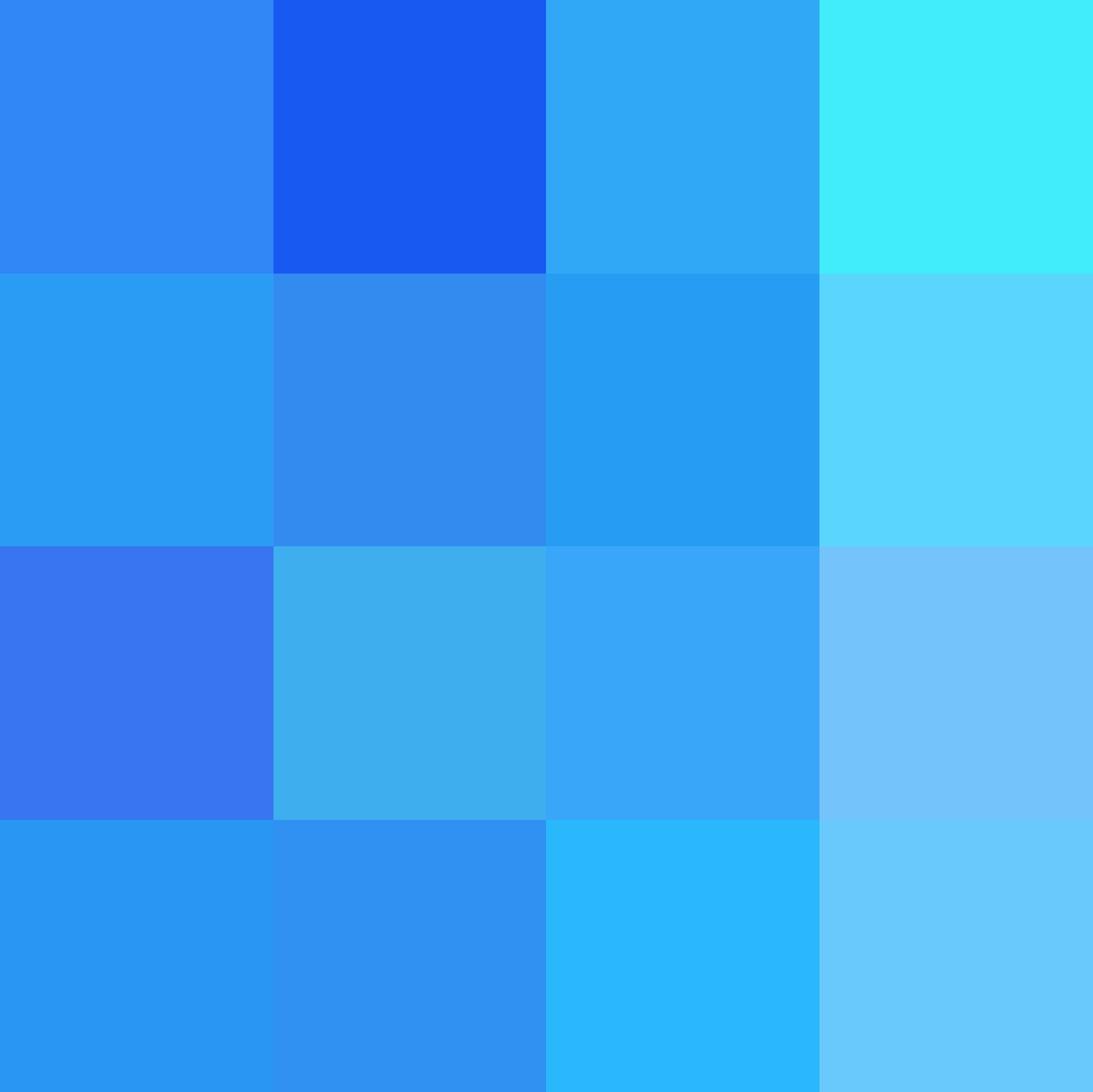
A very, very colourful grid of 169 blocks. It's mostly magenta, and it also has quite some cyan, some blue, a bit of rose, a bit of green, a bit of red, a little bit of indigo, a little bit of purple, a little bit of yellow, a little bit of orange, a tiny bit of violet, and a tiny bit of lime in it.
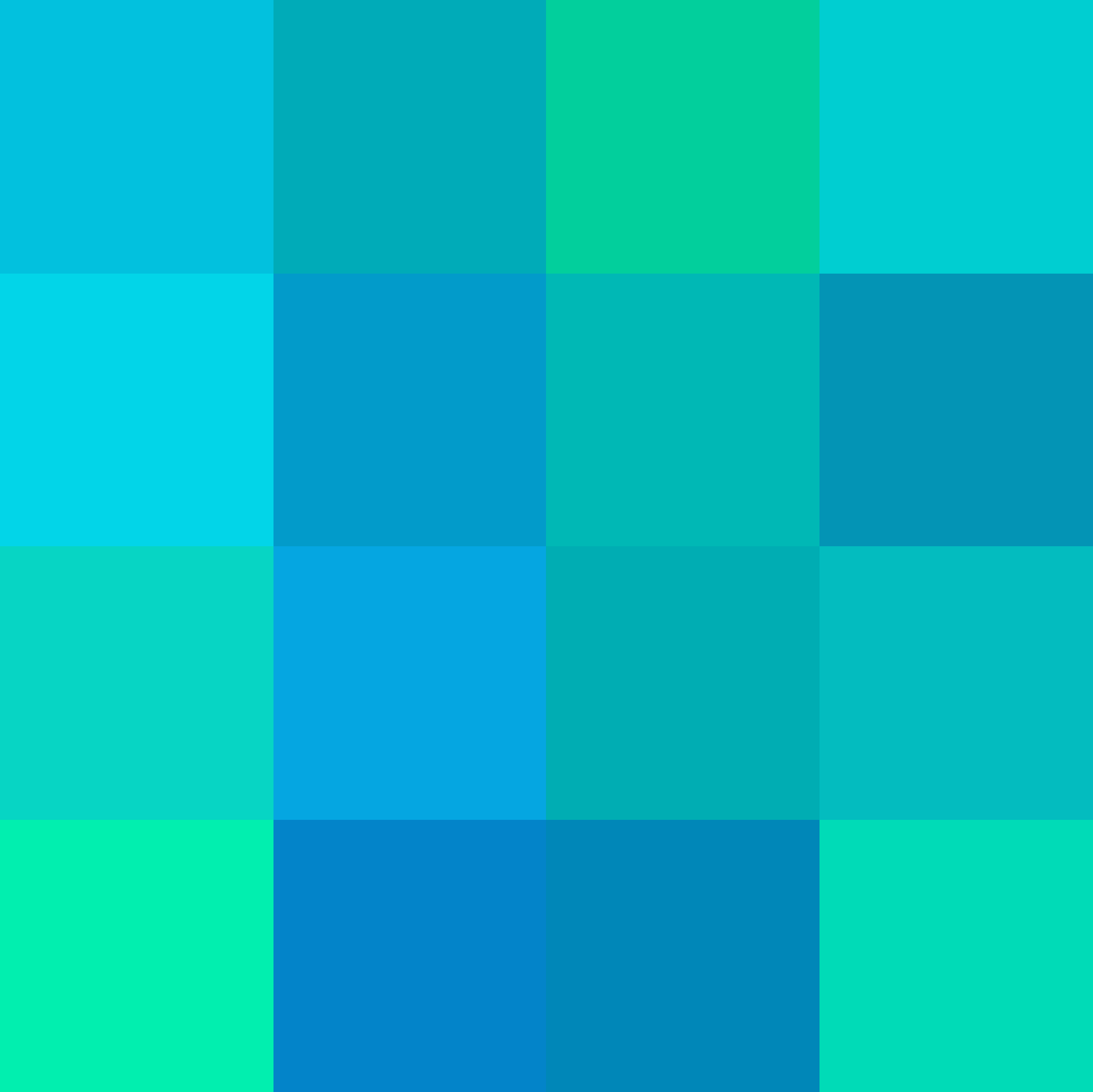
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly blue, and it also has quite some cyan, and quite some green in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly red, and it also has quite some rose, and some orange in it.
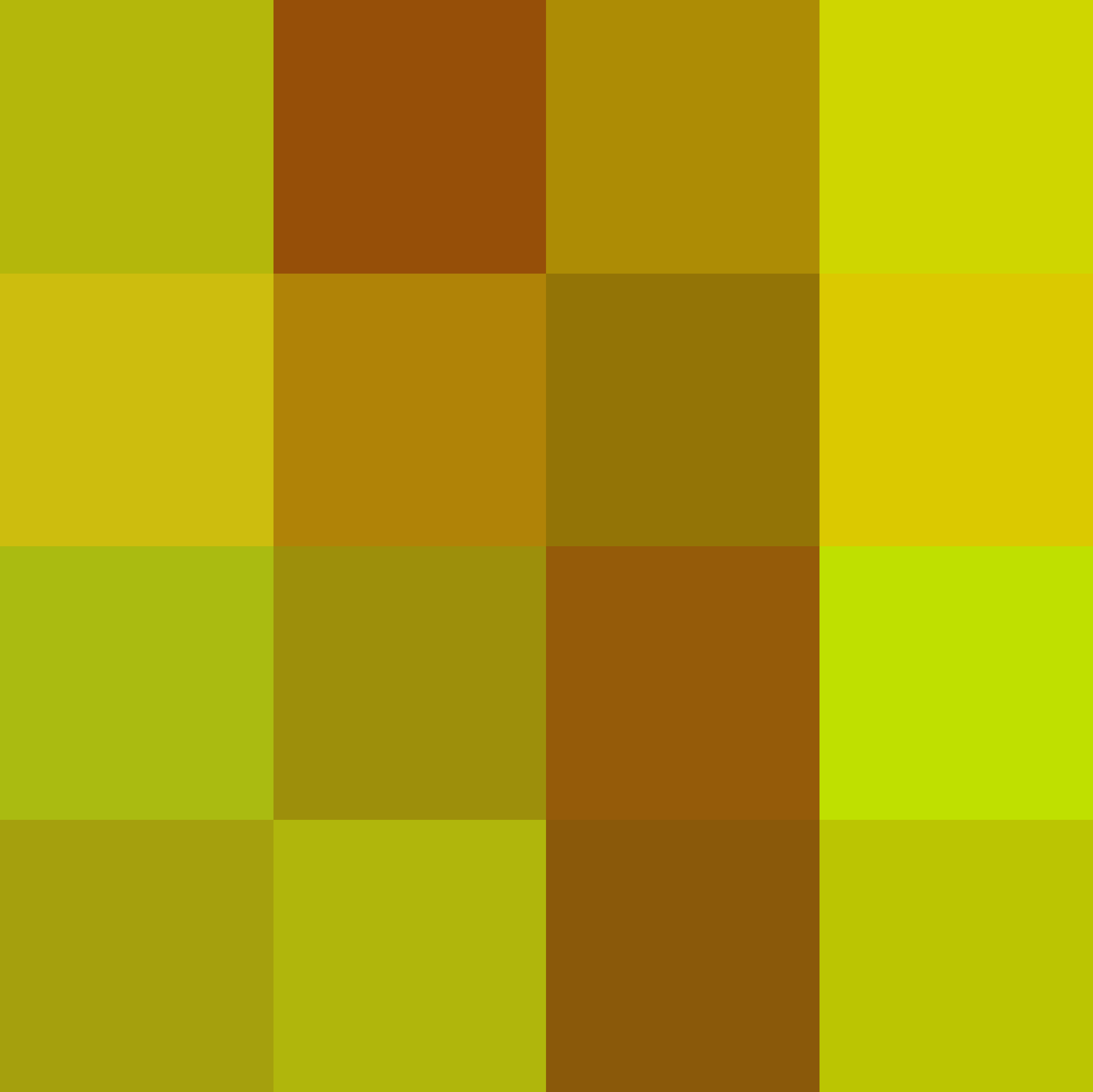
There's a two tone pixel gradient in this 4 by 4 grid. It is mostly blue, but it also has a little bit of cyan in it.

A two tone grid of 16 blocks. It's mostly cyan, and it also has quite some blue in it.

A two tone grid of 169 blocks. It's mostly red, and it also has a tiny bit of orange in it.

Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly yellow, and it also has quite some orange in it.

The very colourful gradient in this 14 by 14 pixel grid is mostly orange, and it also has quite some yellow, some green, a bit of lime, a bit of red, a little bit of blue, and a little bit of cyan in it.
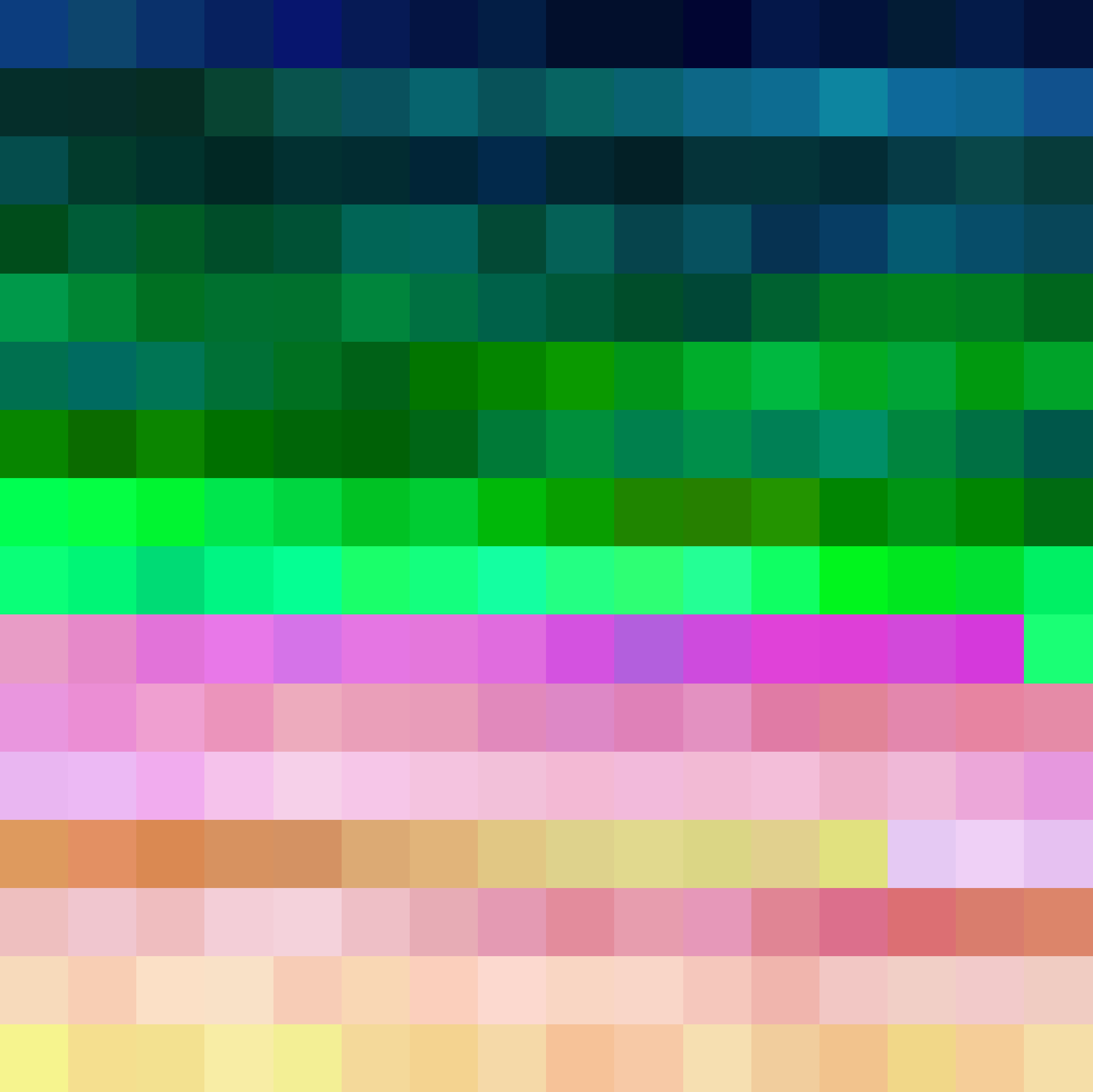
A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some yellow, quite some lime, some orange, a little bit of red, and a tiny bit of cyan in it.
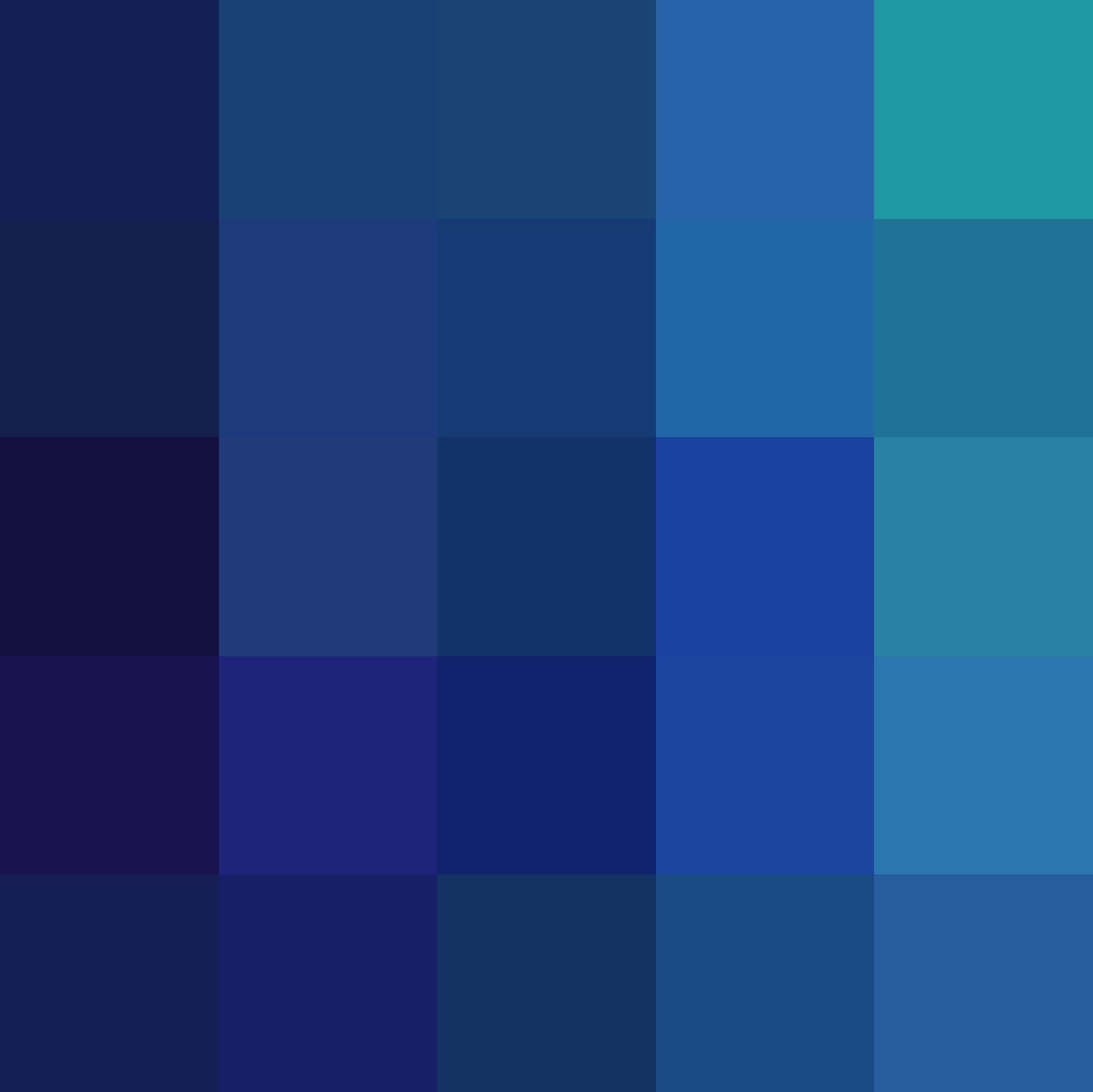
This colourful gradient, generated in this 10 by 10 pixel grid, is mostly red, and it also has quite some yellow, some rose, some orange, and a tiny bit of magenta in it.
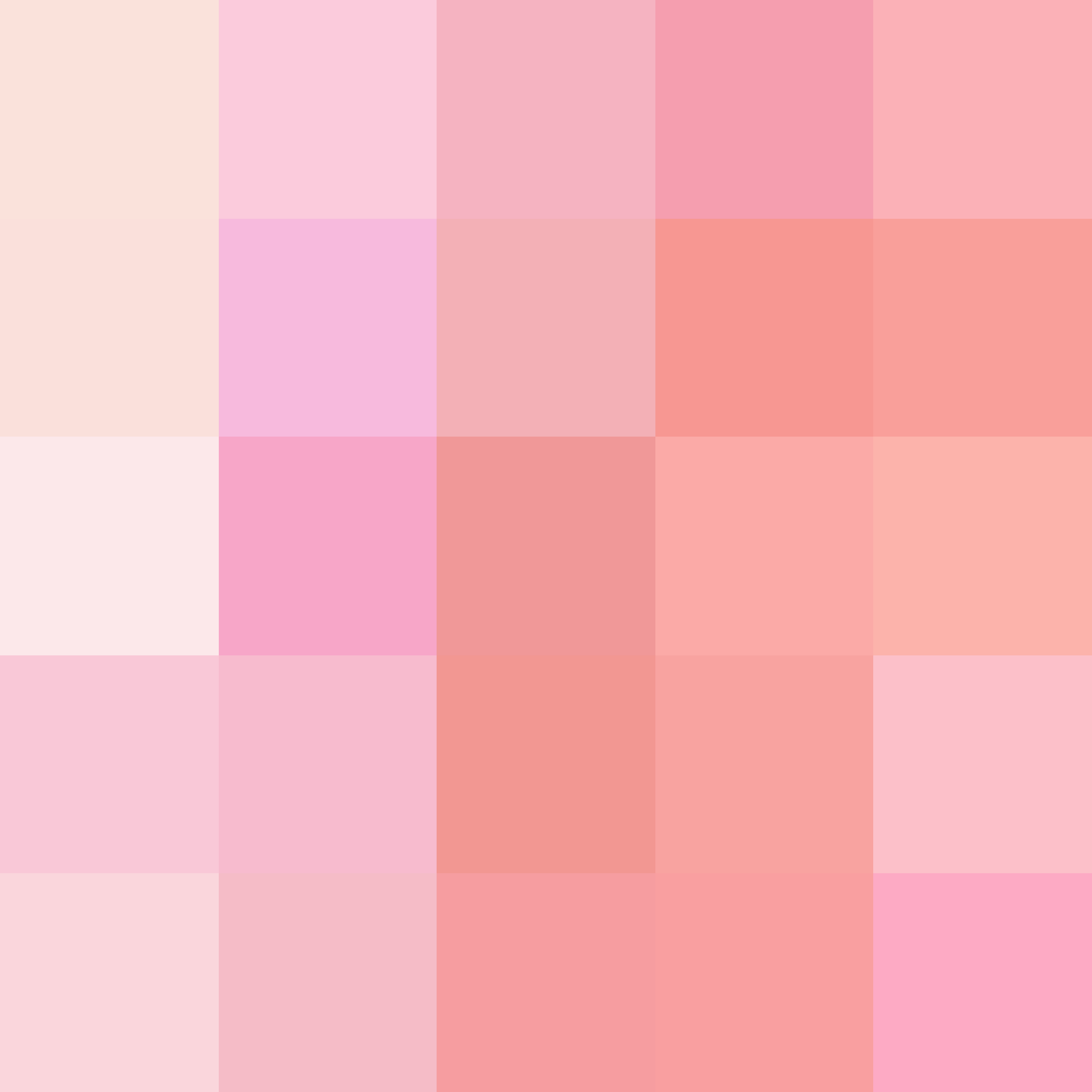
The cells in this 8 by 8 pixel grid form a gradient. It is mostly red, and it also has quite some orange, and quite some rose in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some cyan, some magenta, some orange, some blue, a bit of red, a little bit of rose, a little bit of yellow, and a tiny bit of purple in it.
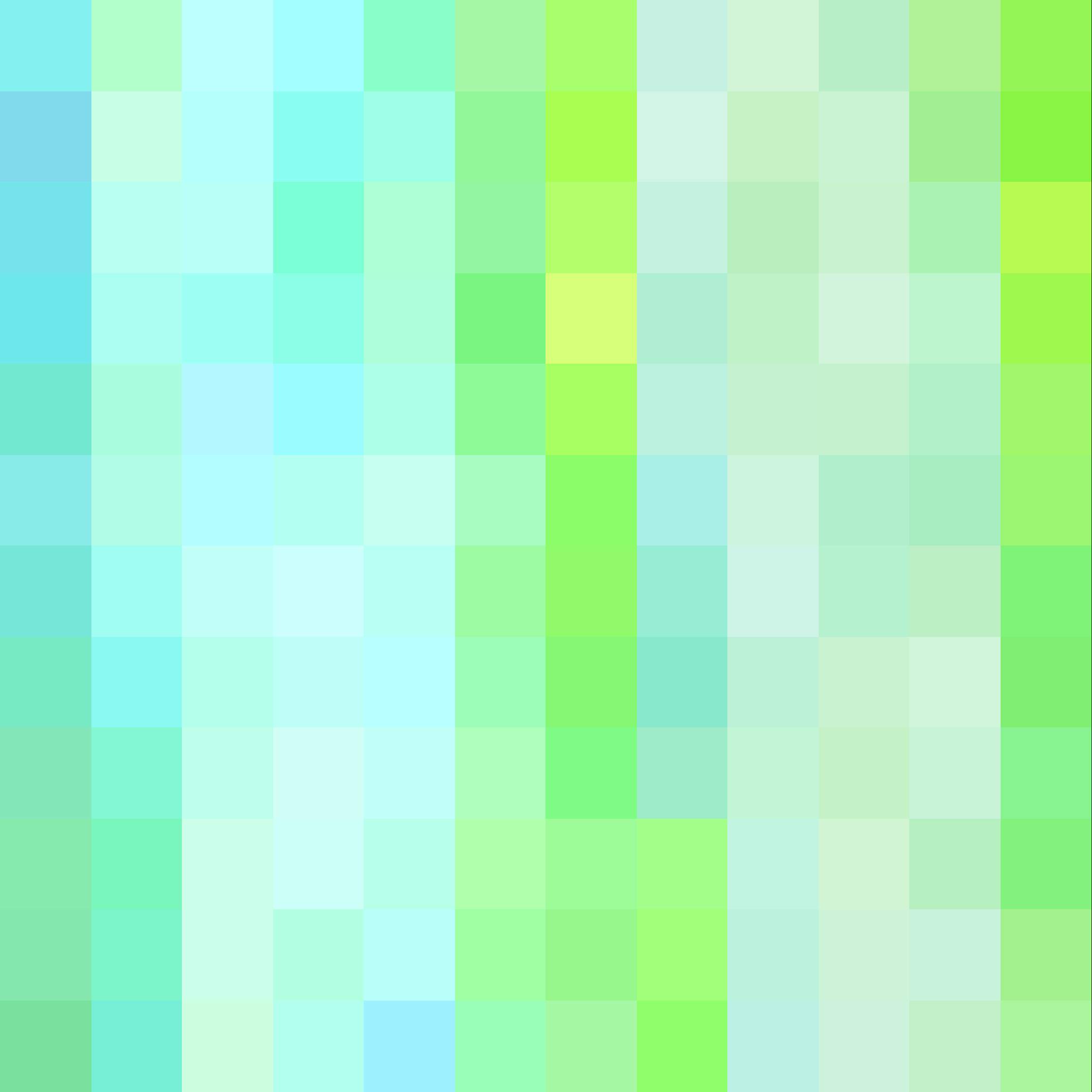
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, and it also has a bit of indigo, and a little bit of cyan in it.
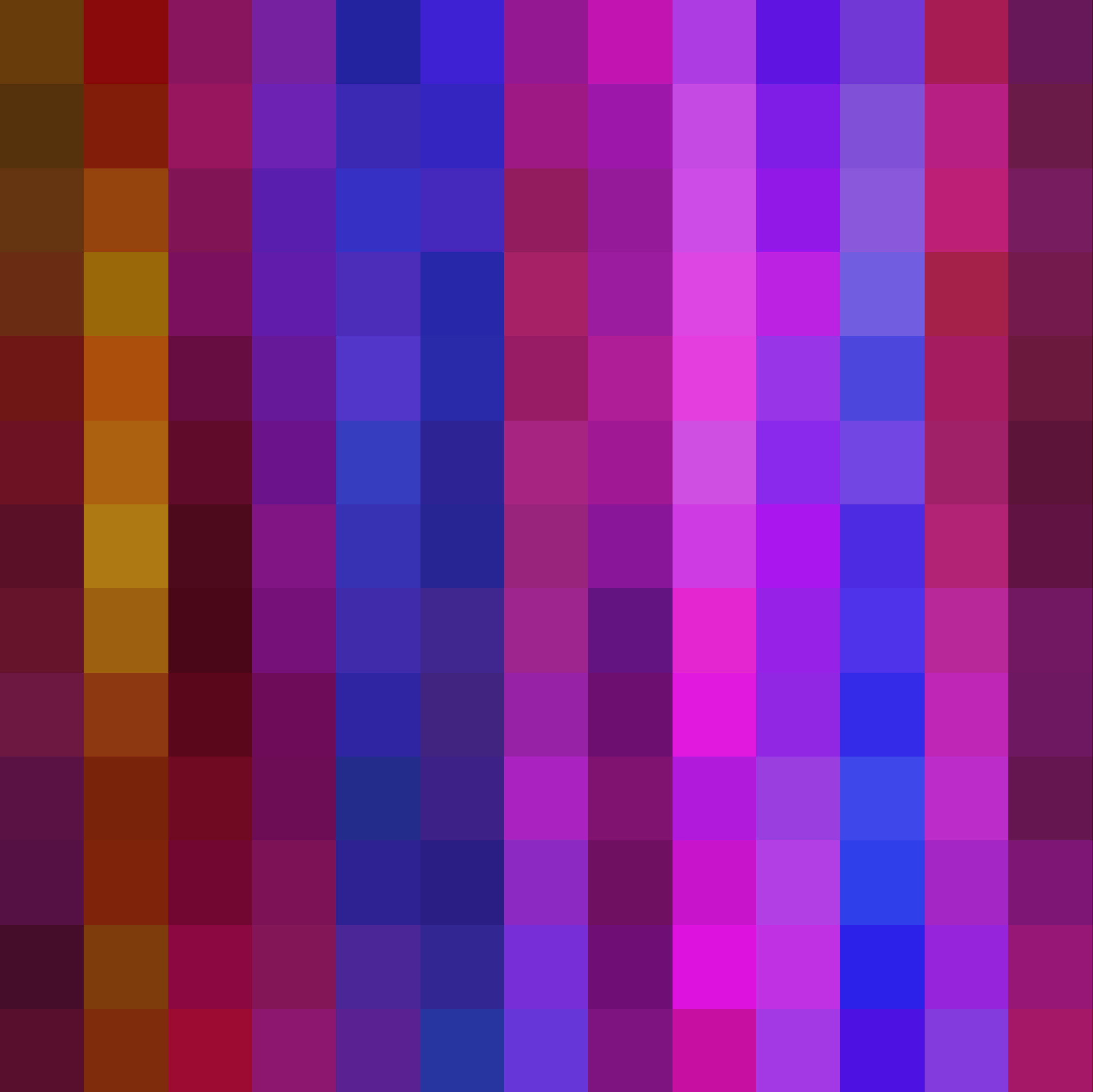
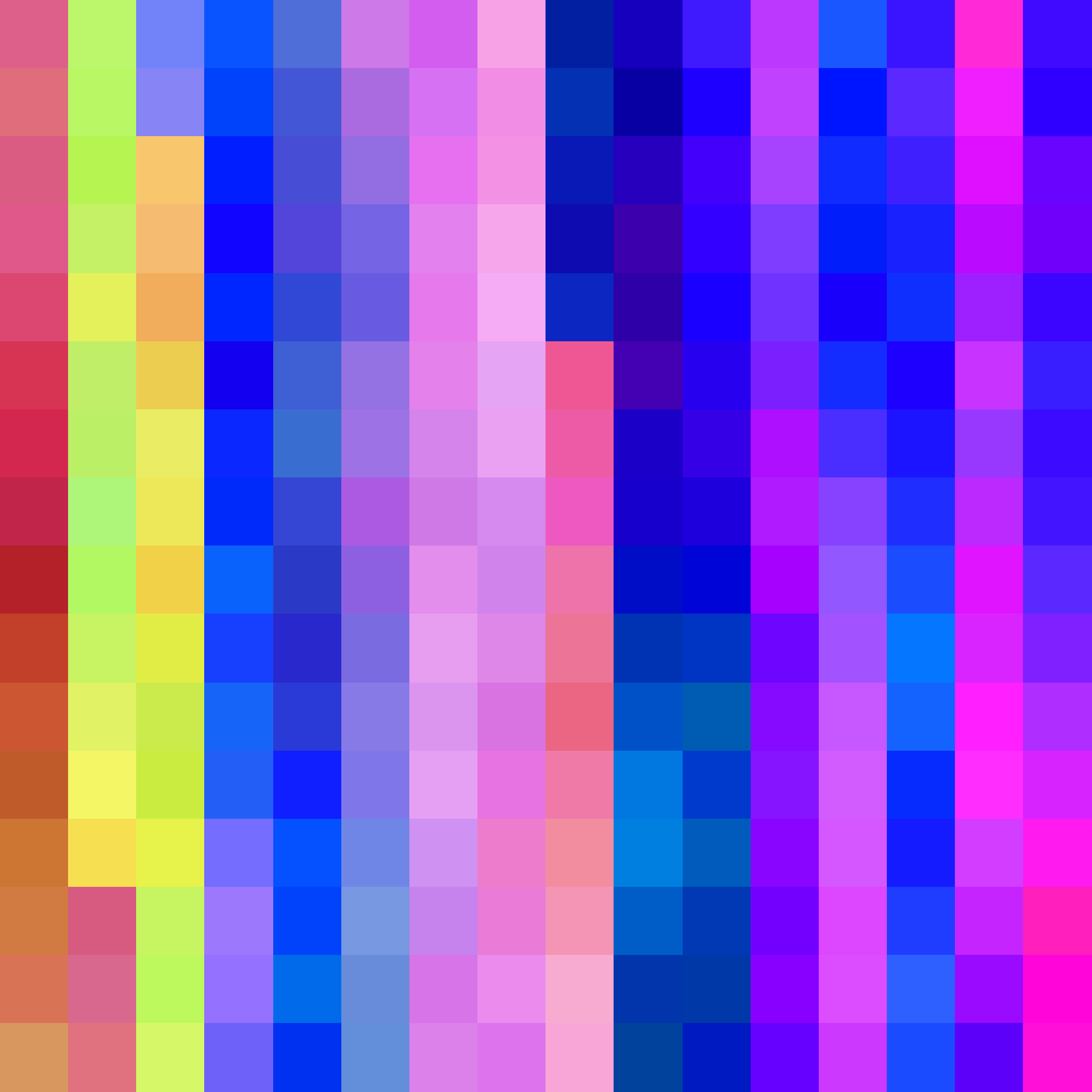The cells in this 5 by 5 pixel grid form a monochrome gradient. It is red.

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

A grid of 144 blocks. It's mostly green, but it also has quite some cyan, and a tiny bit of lime in it.

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly magenta, but it also has some indigo, some purple, some rose, a bit of orange, a bit of violet, a little bit of red, and a little bit of blue in it.
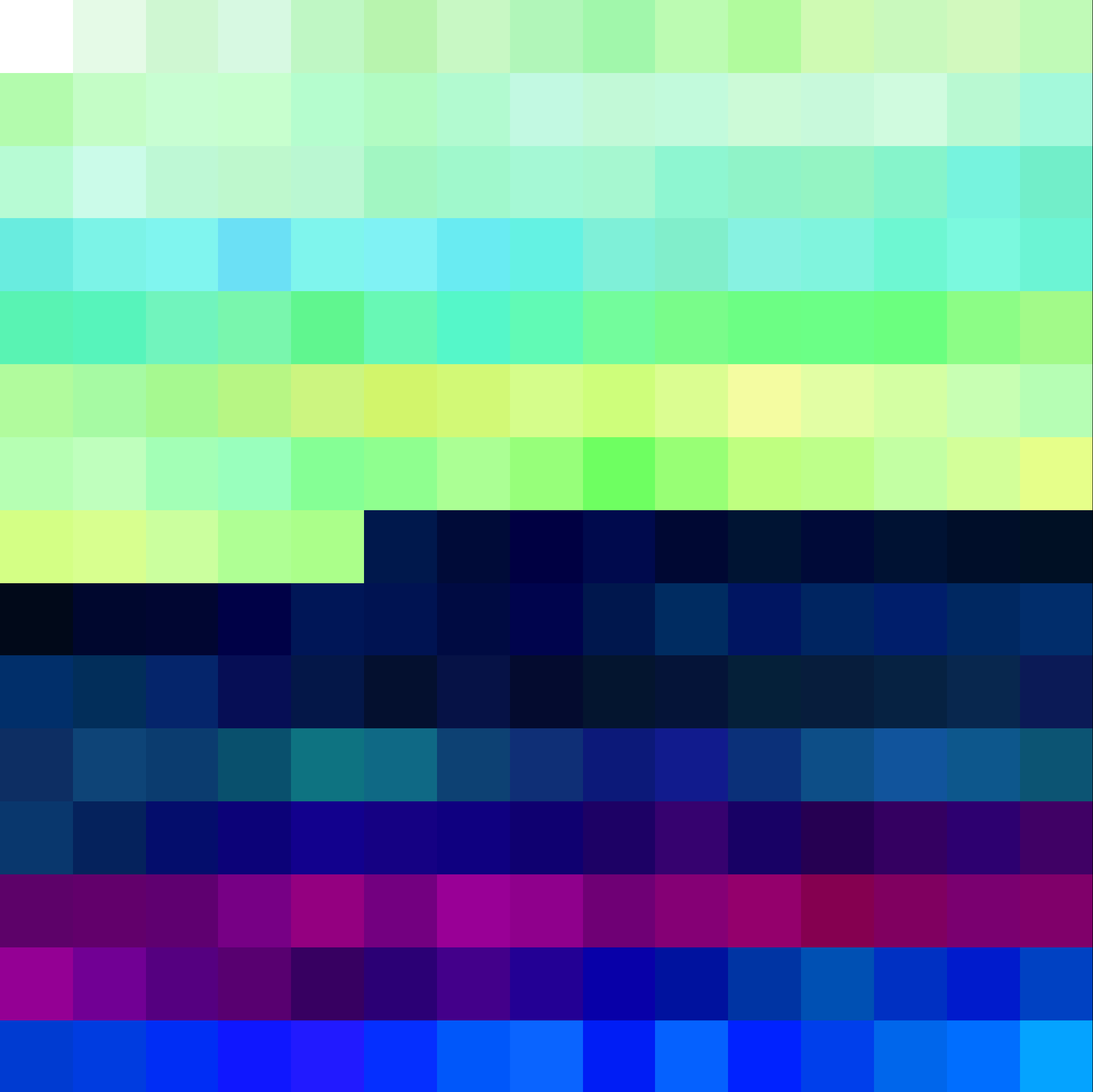
A very, very colourful grid of 256 blocks. It's mostly blue, but it also has some indigo, some purple, some magenta, a bit of violet, a bit of red, a little bit of yellow, a little bit of green, a little bit of orange, a little bit of rose, and a tiny bit of lime in it.

A grid with 81 coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some yellow, a little bit of orange, and a tiny bit of lime in it.
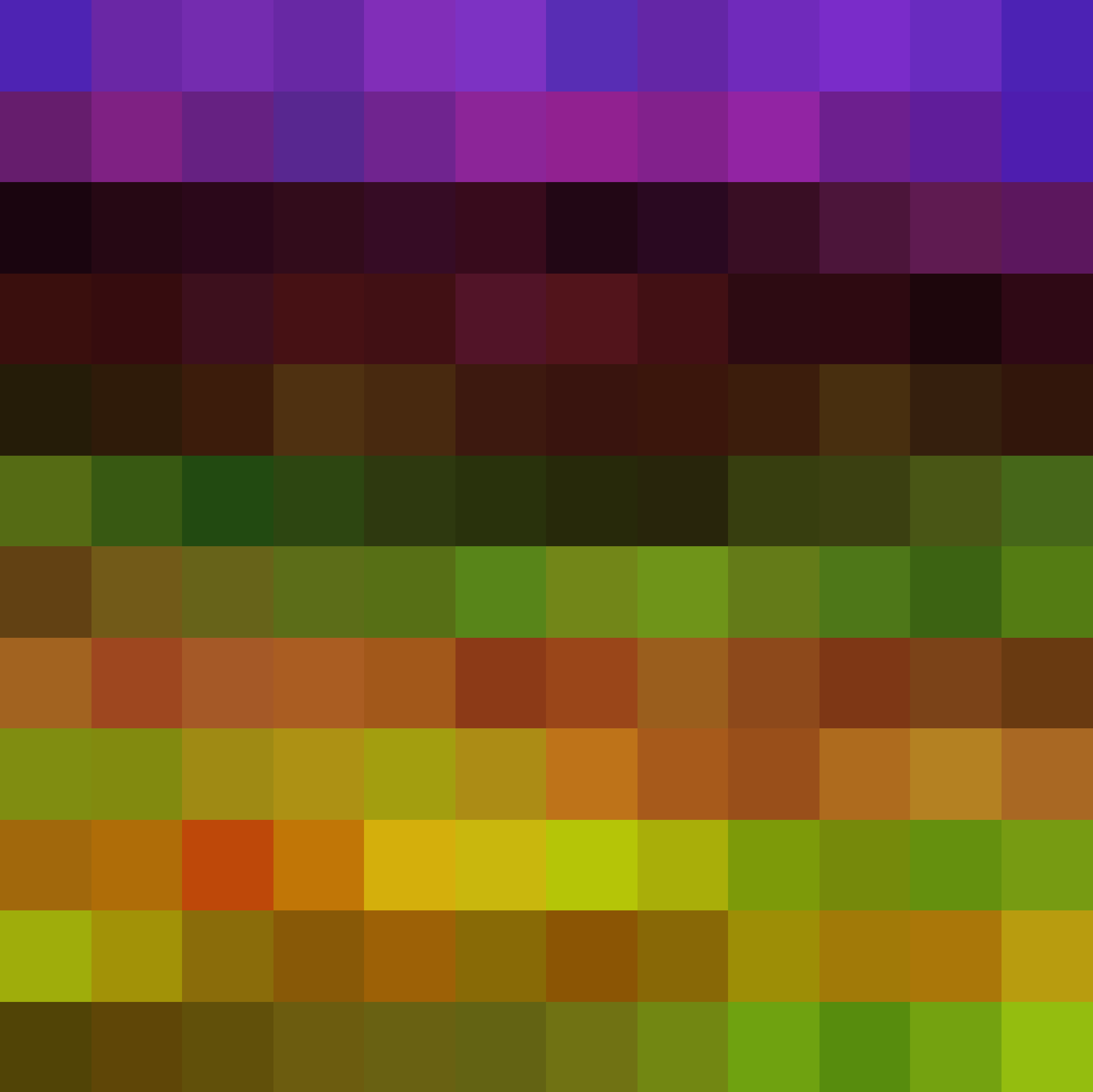
A 9 by 9 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly indigo, and it also has quite some purple, some magenta, a bit of cyan, a bit of blue, a bit of violet, and a bit of green in it.

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

This pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has quite some yellow, quite some orange, and quite some lime in it.
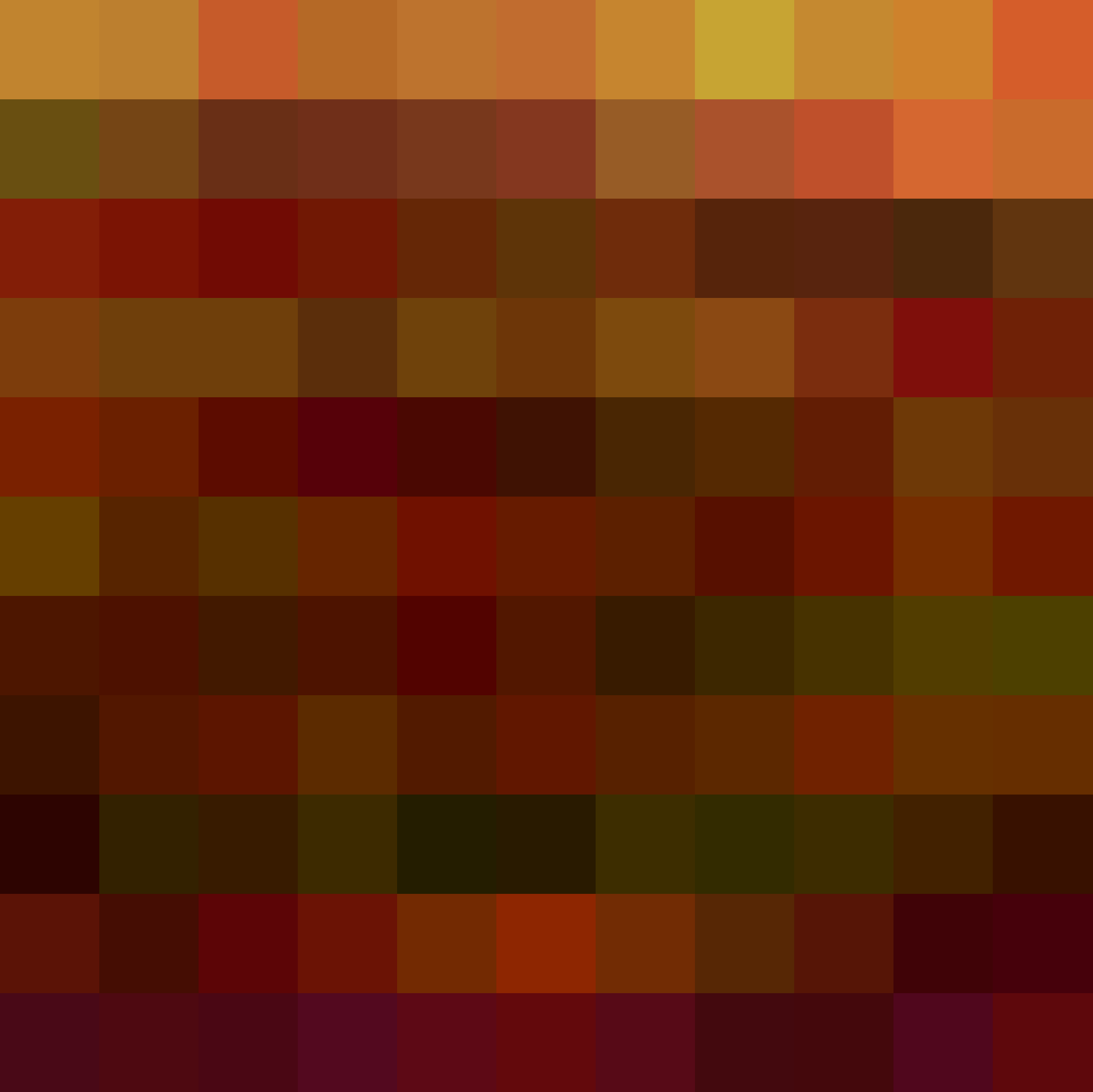
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly orange, and it also has some yellow, a bit of lime, a bit of red, a bit of magenta, a bit of green, a bit of rose, a little bit of purple, a little bit of violet, and a little bit of indigo in it.
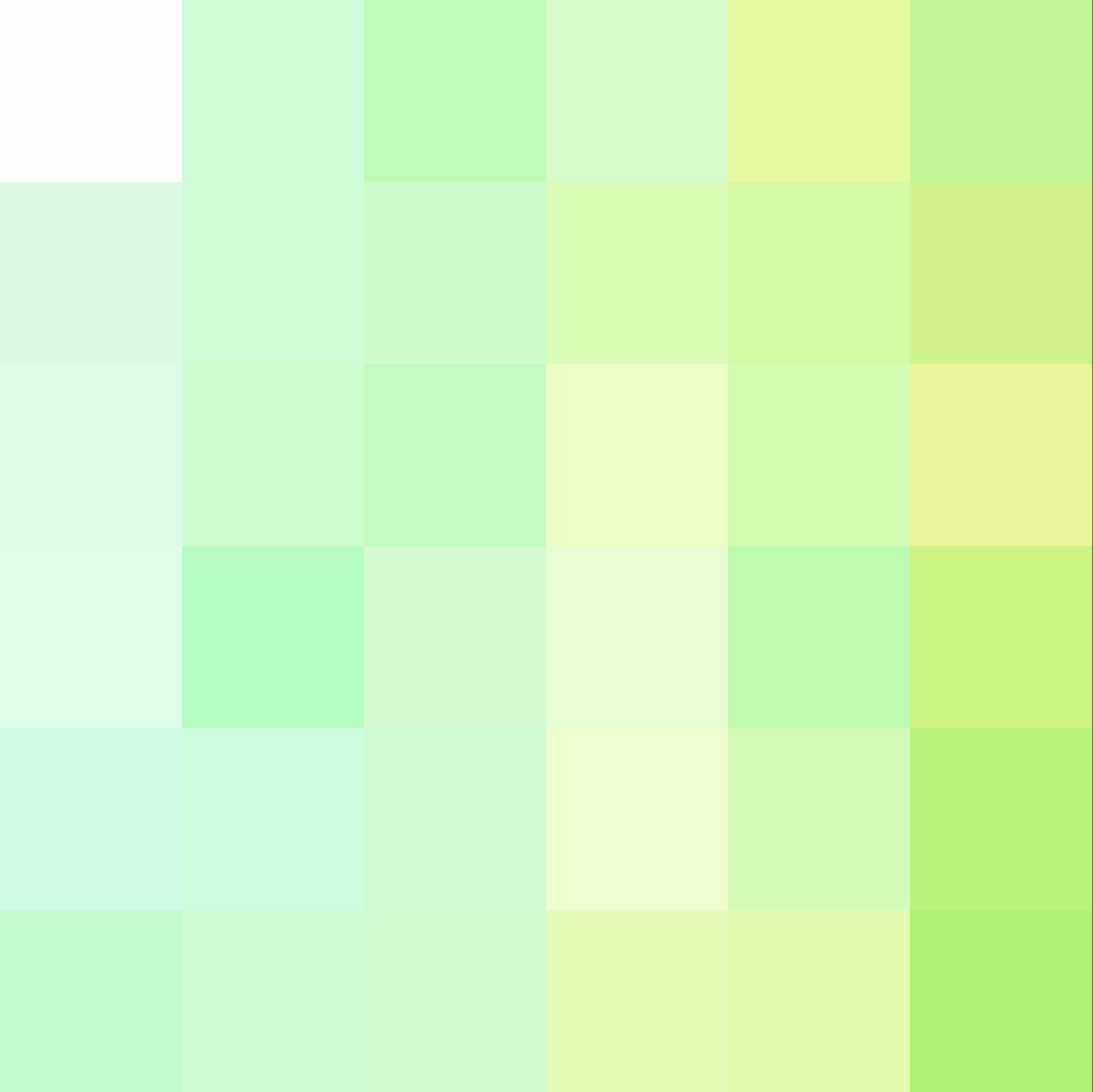
This gradient, generated in this 5 by 5 pixel grid, is mostly blue, but it also has a lot of indigo, a little bit of purple, and a little bit of violet in it.

Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has quite some cyan, quite some magenta, a bit of red, a bit of rose, a tiny bit of blue, and a tiny bit of lime in it.
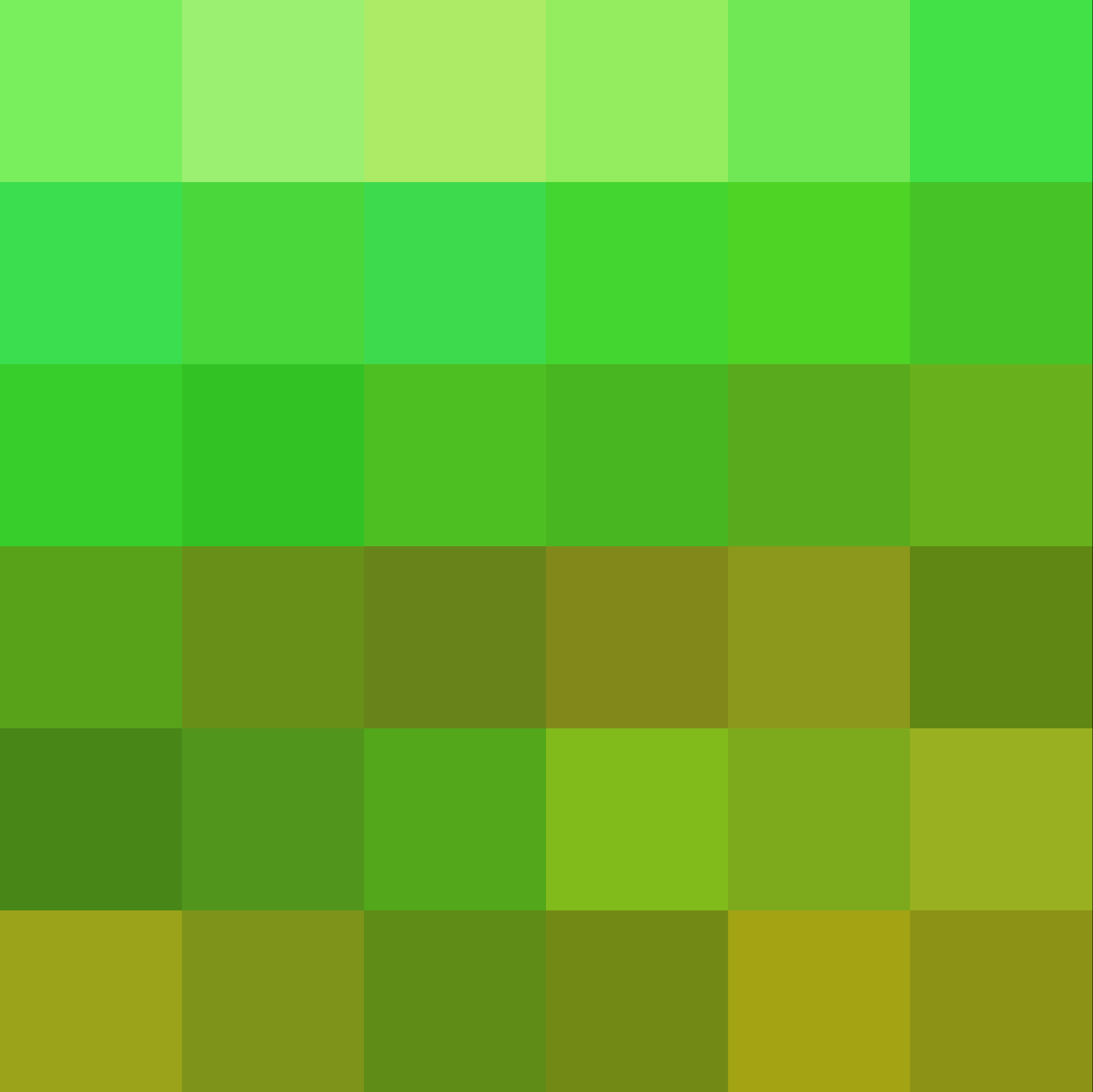
This gradient, generated in this 11 by 11 pixel grid, is mostly orange, and it also has quite some red, and a little bit of yellow in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly green, and it also has a little bit of lime, and a little bit of yellow in it.

The cells in this 7 by 7 pixel grid form a two tone gradient. It is mostly red, and it also has some orange in it.
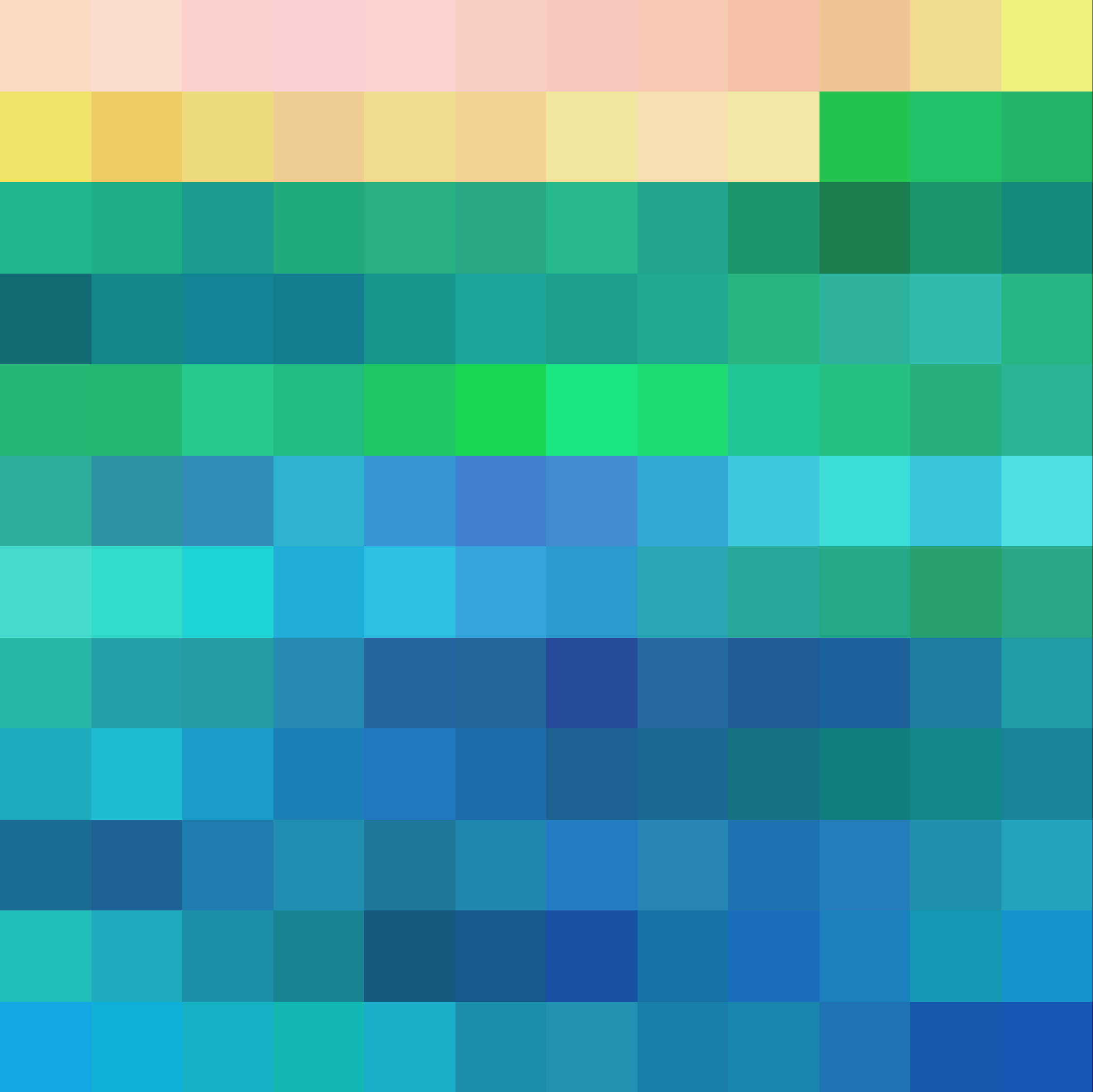
The cells in this 6 by 6 pixel grid form a gradient. It is mostly green, and it also has some yellow, and some lime in it.
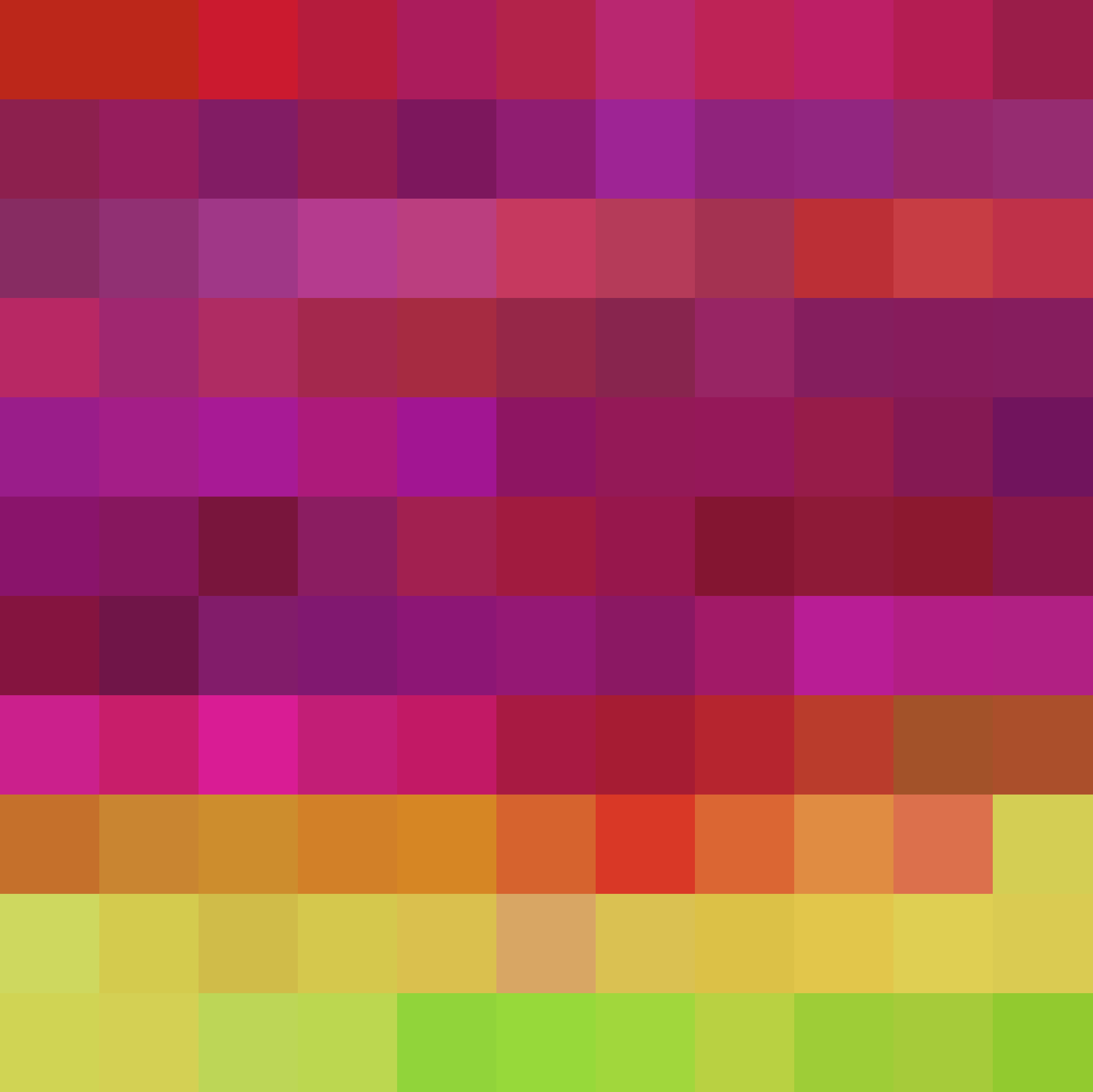
The cells in this 11 by 11 pixel grid form a gradient. It is mostly magenta, and it also has quite some purple, a bit of rose, and a tiny bit of red in it.
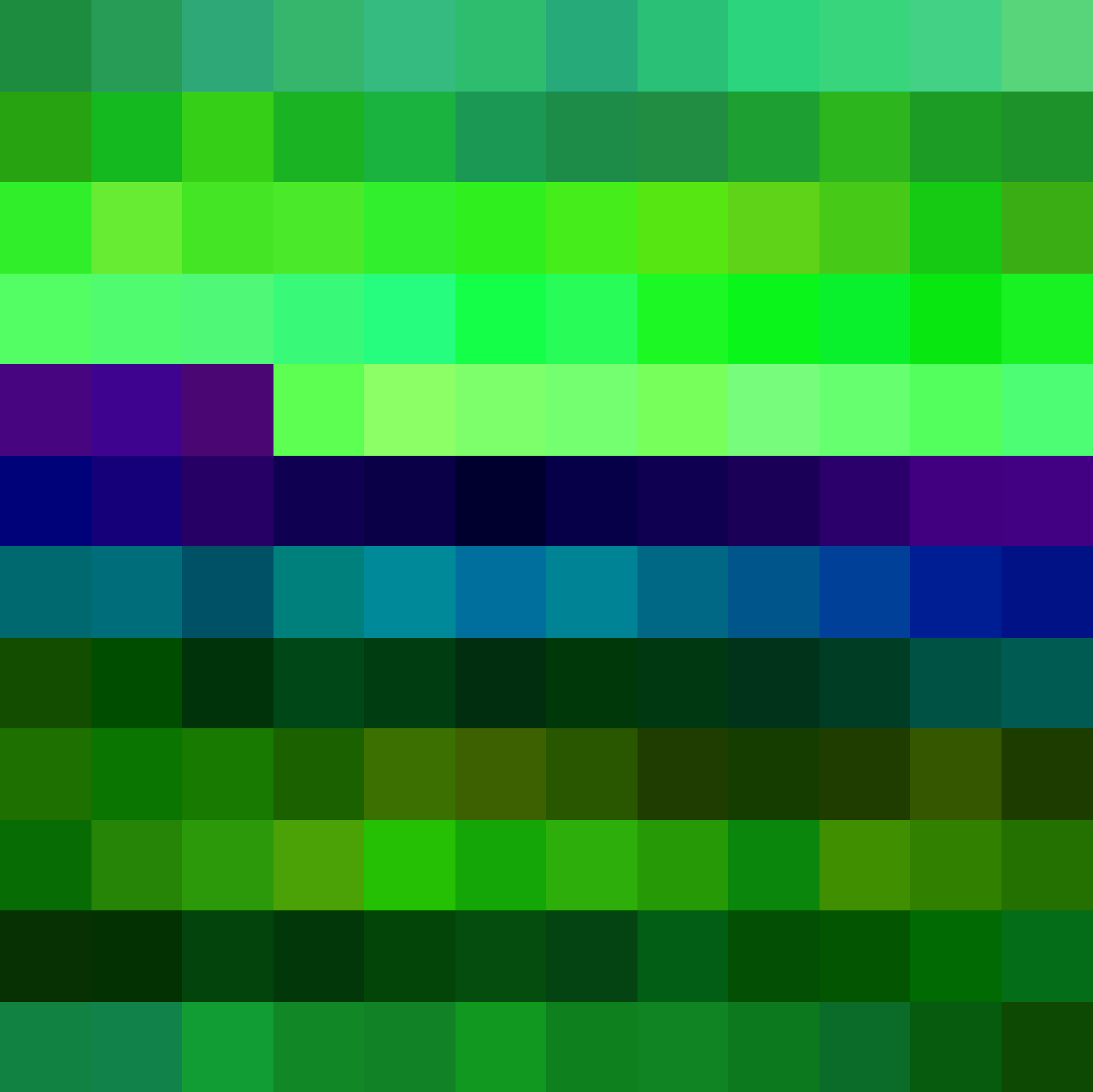
A grid with 100 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some red, quite some yellow, some orange, a little bit of lime, a little bit of rose, a tiny bit of purple, and a tiny bit of violet in it.

This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly cyan, but it also has quite some blue, some green, a little bit of orange, a little bit of yellow, and a little bit of red in it.
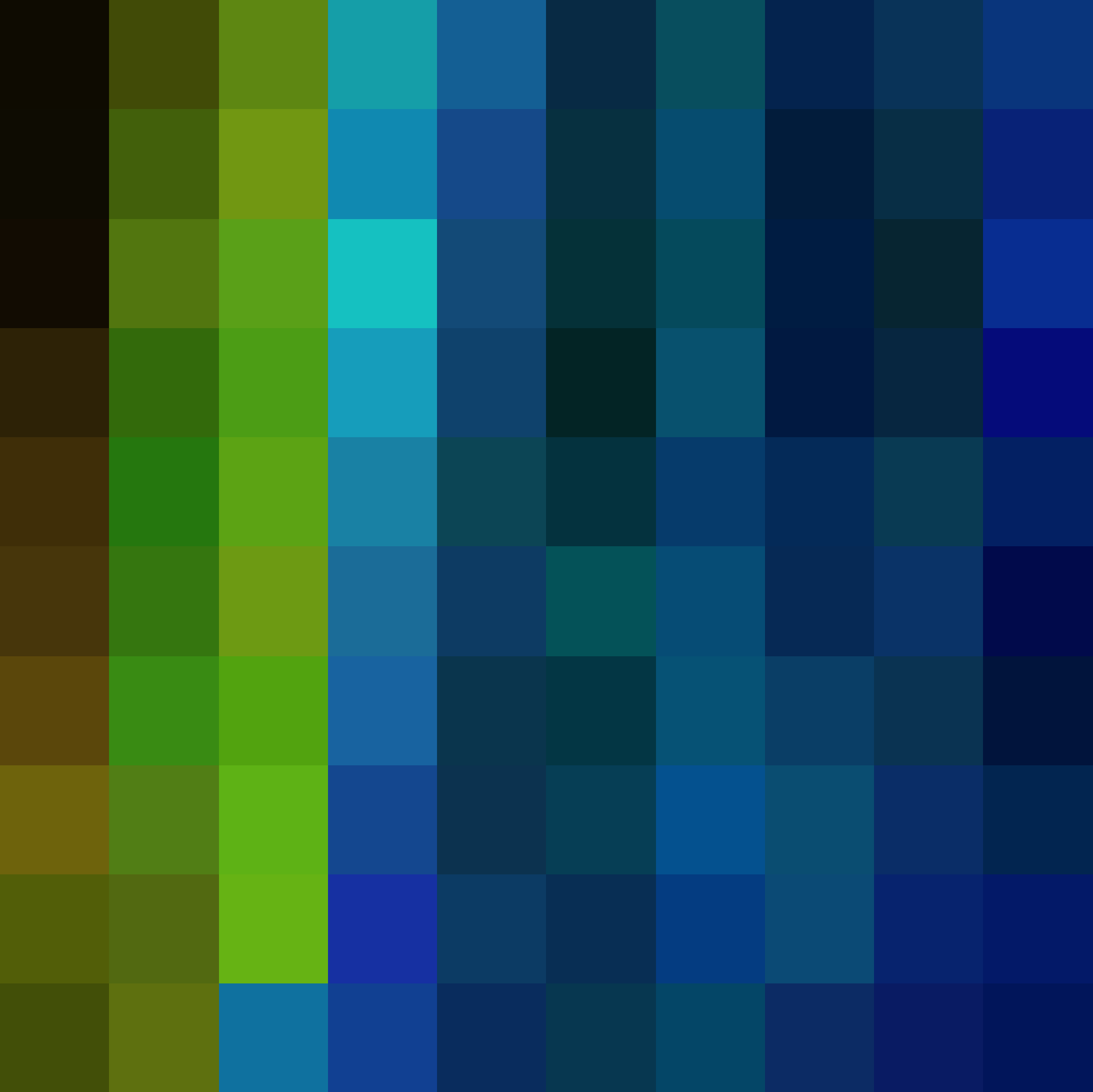
This colourful gradient, generated in this 11 by 11 pixel grid, is mostly red, but it also has some yellow, a bit of orange, a little bit of lime, and a little bit of green in it.
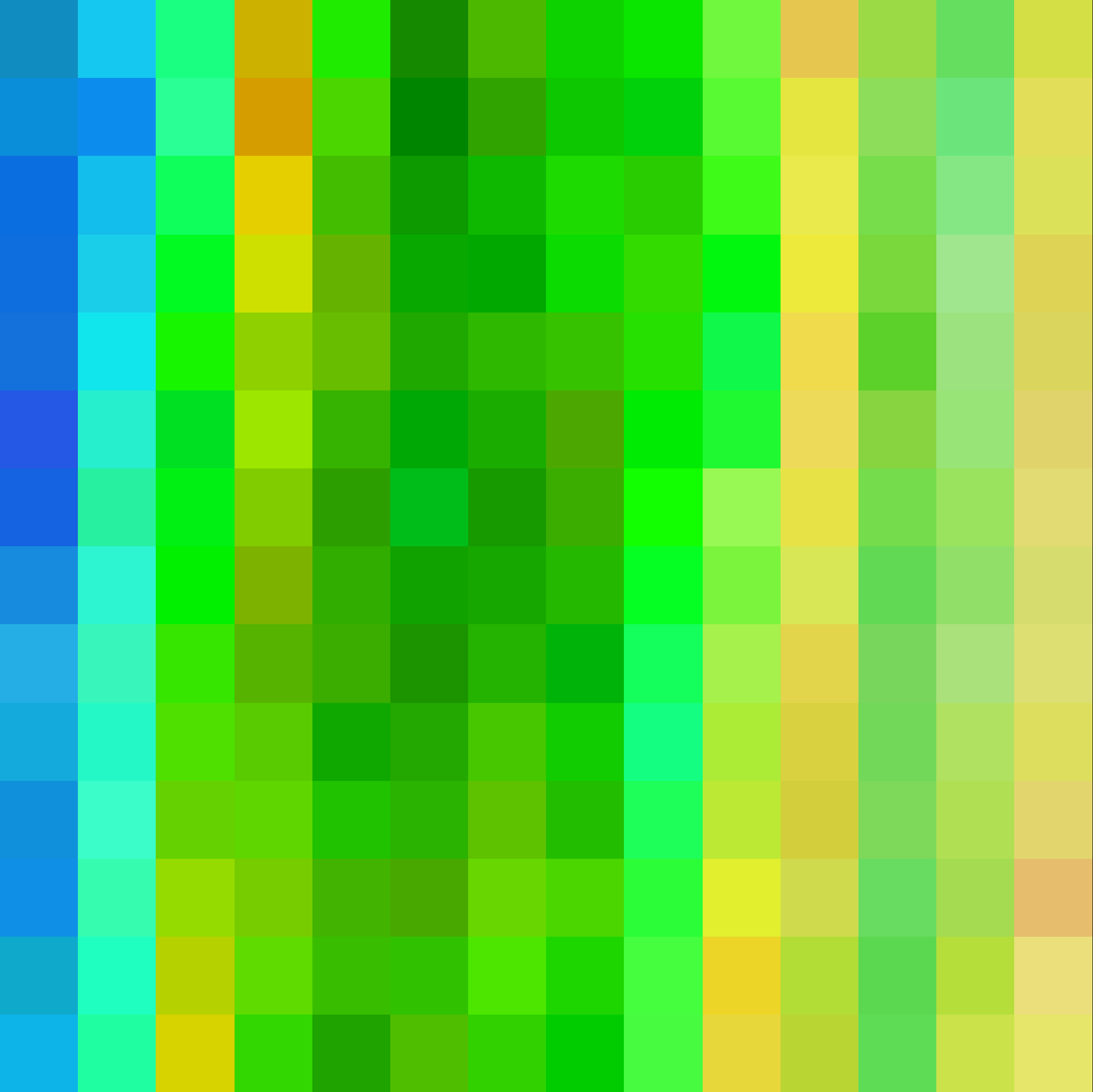
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly green, but it also has a little bit of cyan, a little bit of blue, a little bit of indigo, a little bit of violet, and a tiny bit of purple in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly green, and it also has quite some cyan, and some blue in it.
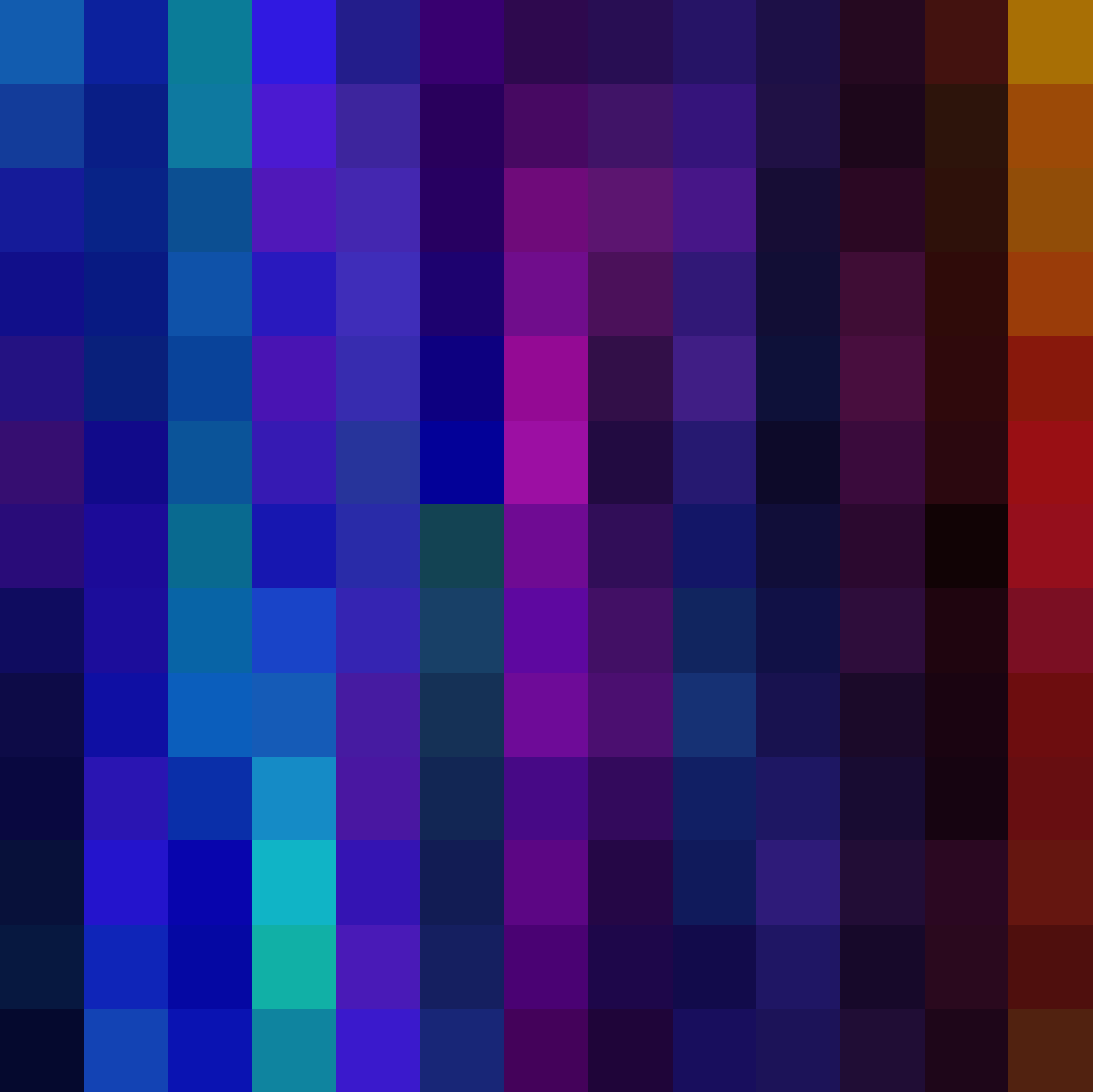
A very colourful grid of 100 blocks. It's mostly blue, and it also has some green, some cyan, a little bit of orange, a little bit of yellow, and a little bit of lime in it.
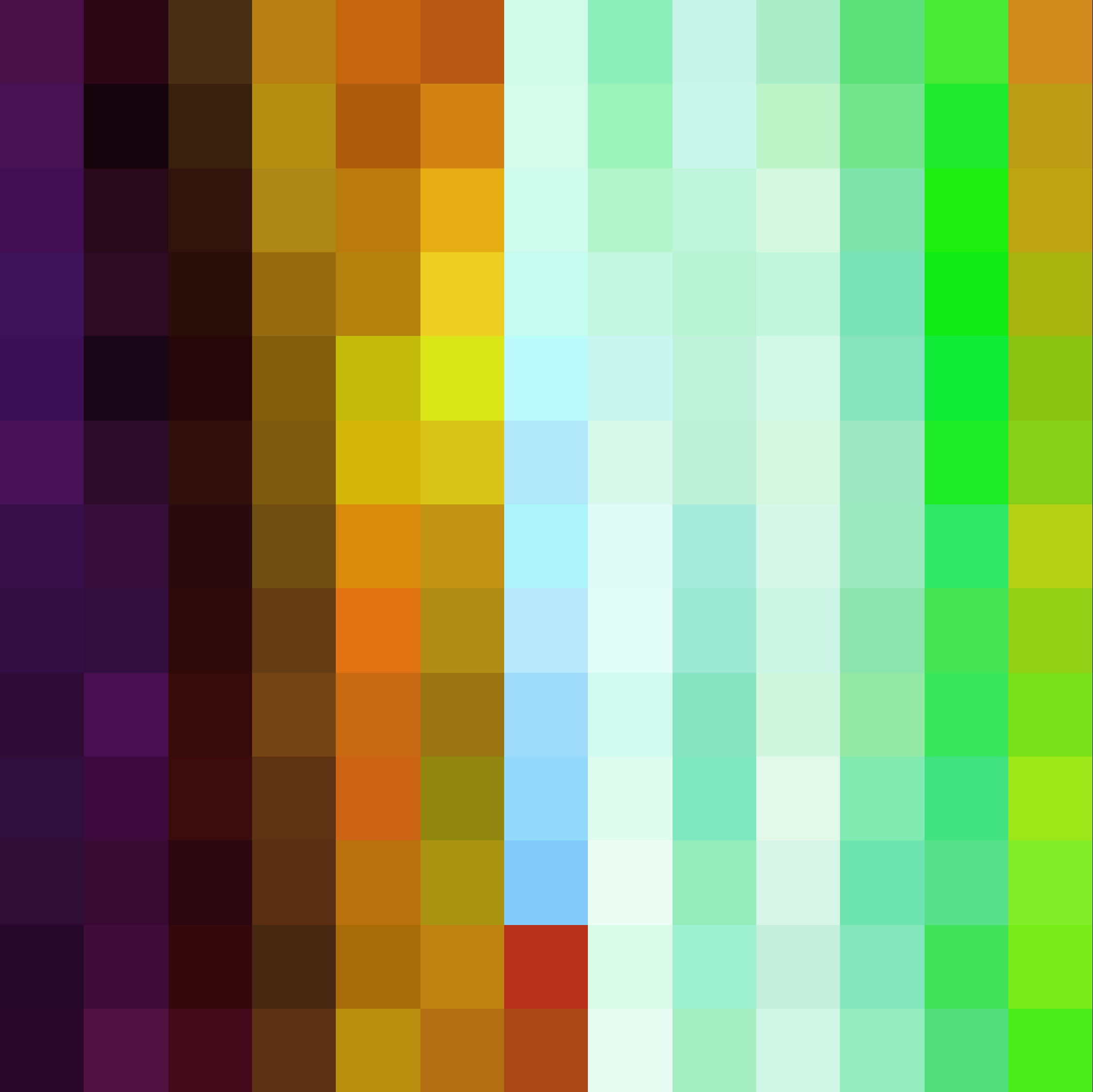
Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has some yellow, a bit of blue, a little bit of cyan, a little bit of lime, and a tiny bit of orange in it.
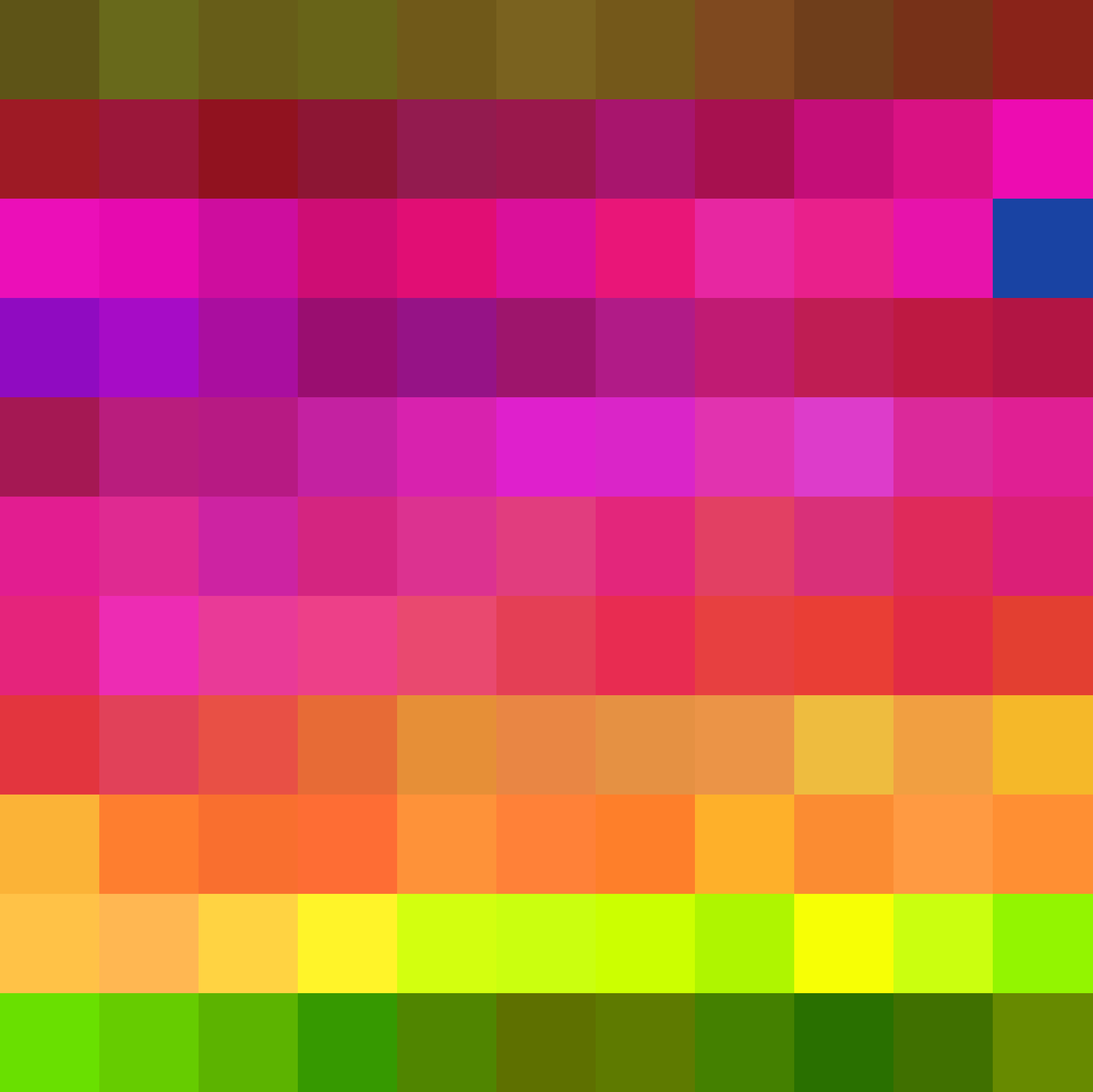
The cells in this 7 by 7 pixel grid form a gradient. It is mostly green, and it also has quite some yellow, and a little bit of lime in it.

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

A 13 by 13 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 orange, a bit of yellow, a bit of magenta, a bit of purple, a bit of red, a little bit of cyan, a little bit of blue, a tiny bit of rose, and a tiny bit of lime in it.
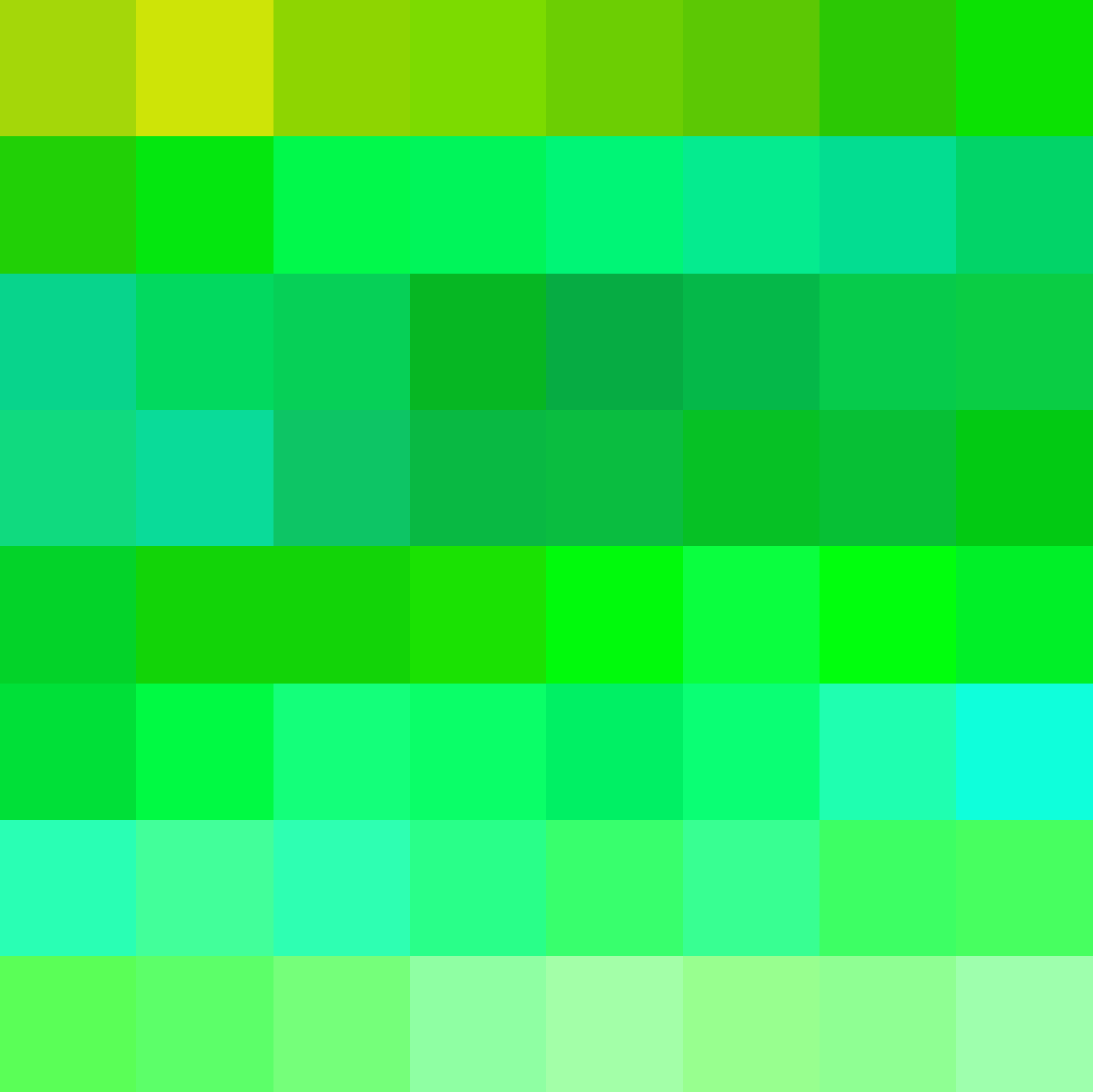
A very, very colourful grid of 121 blocks. It's mostly red, but it also has quite some orange, some magenta, some rose, a bit of green, a bit of yellow, a little bit of lime, a tiny bit of purple, and a tiny bit of blue in it.
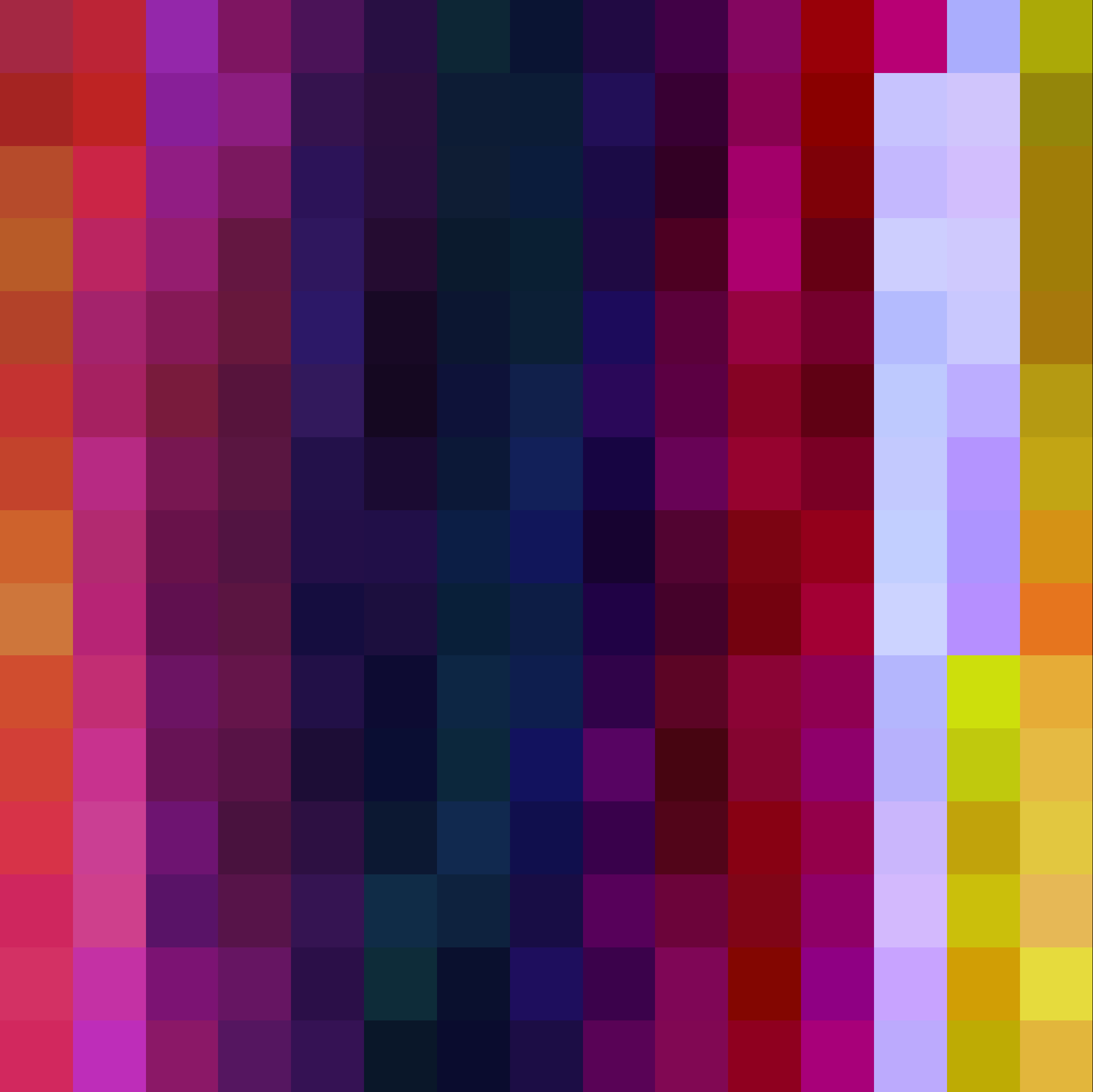
This gradient, generated in this 6 by 6 pixel grid, is mostly green, and it also has some yellow, a little bit of orange, and a little bit of lime in it.
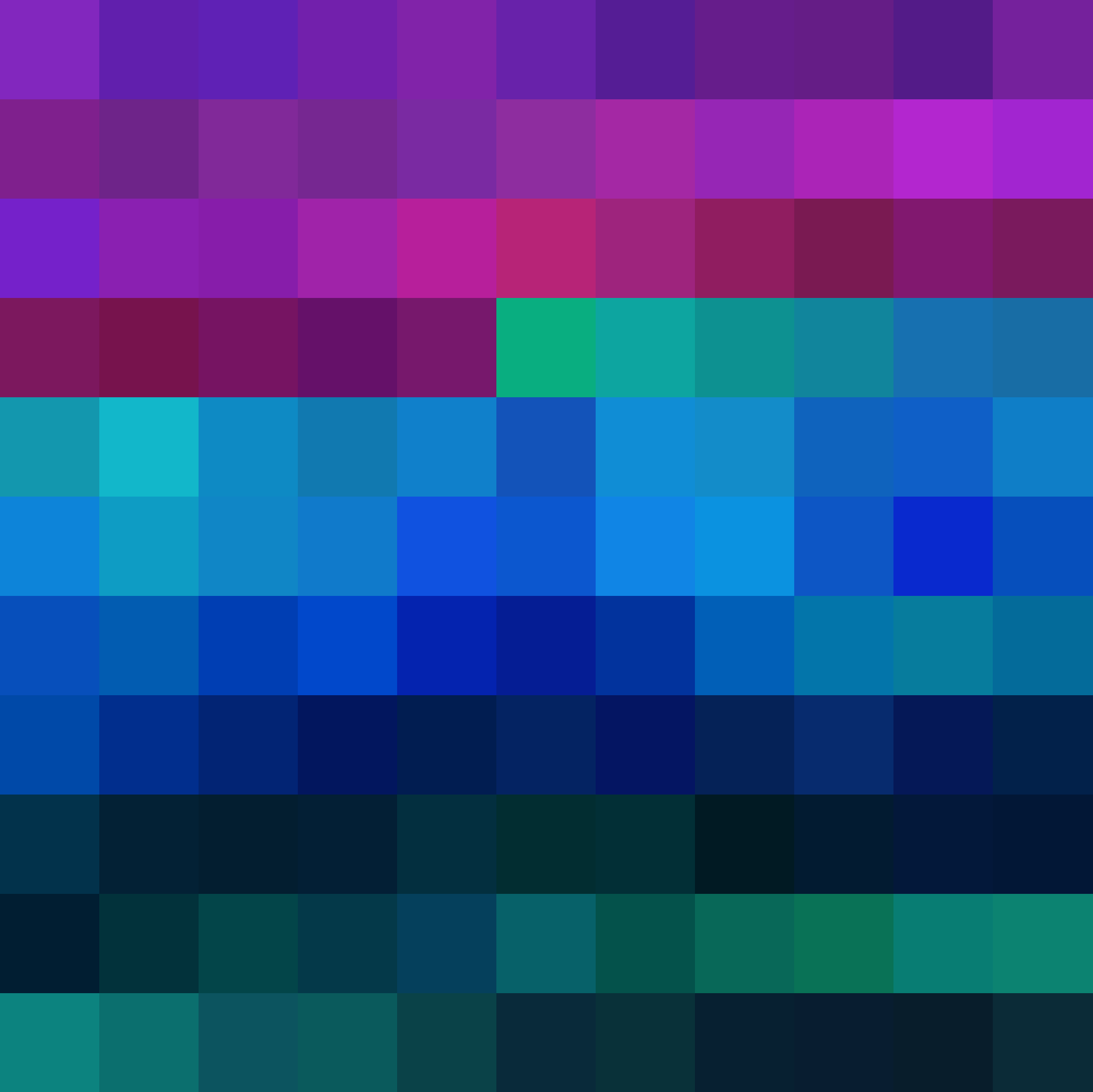
There's a colourful pixel gradient in this 9 by 9 grid. It is mostly orange, and it also has quite some yellow, some green, some lime, and a little bit of red in it.
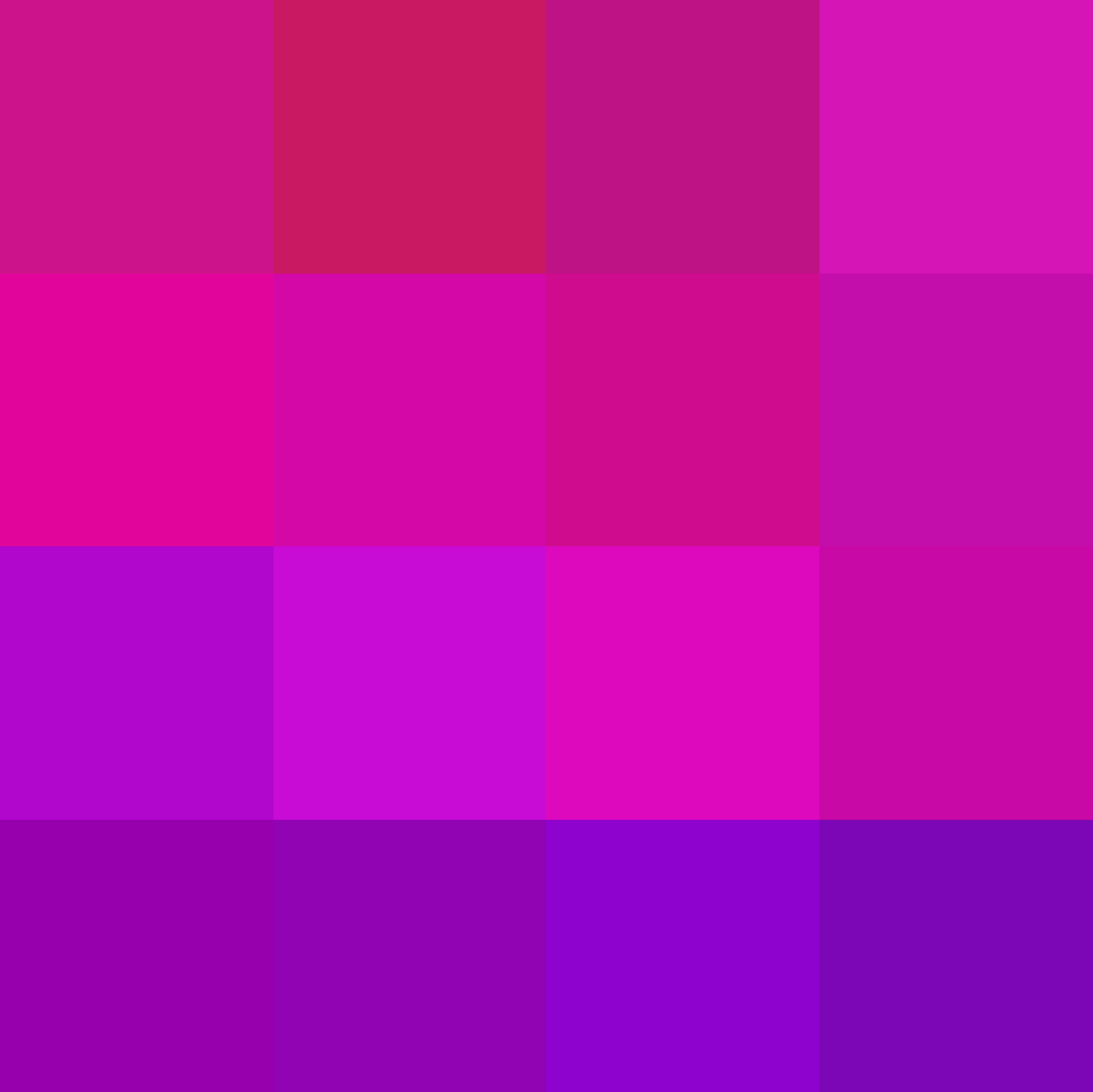
This pixel gradient—it is 8 cells wide, 8 cells high—is mostly green, but it also has a tiny bit of lime, a tiny bit of yellow, and a tiny bit of cyan in it.
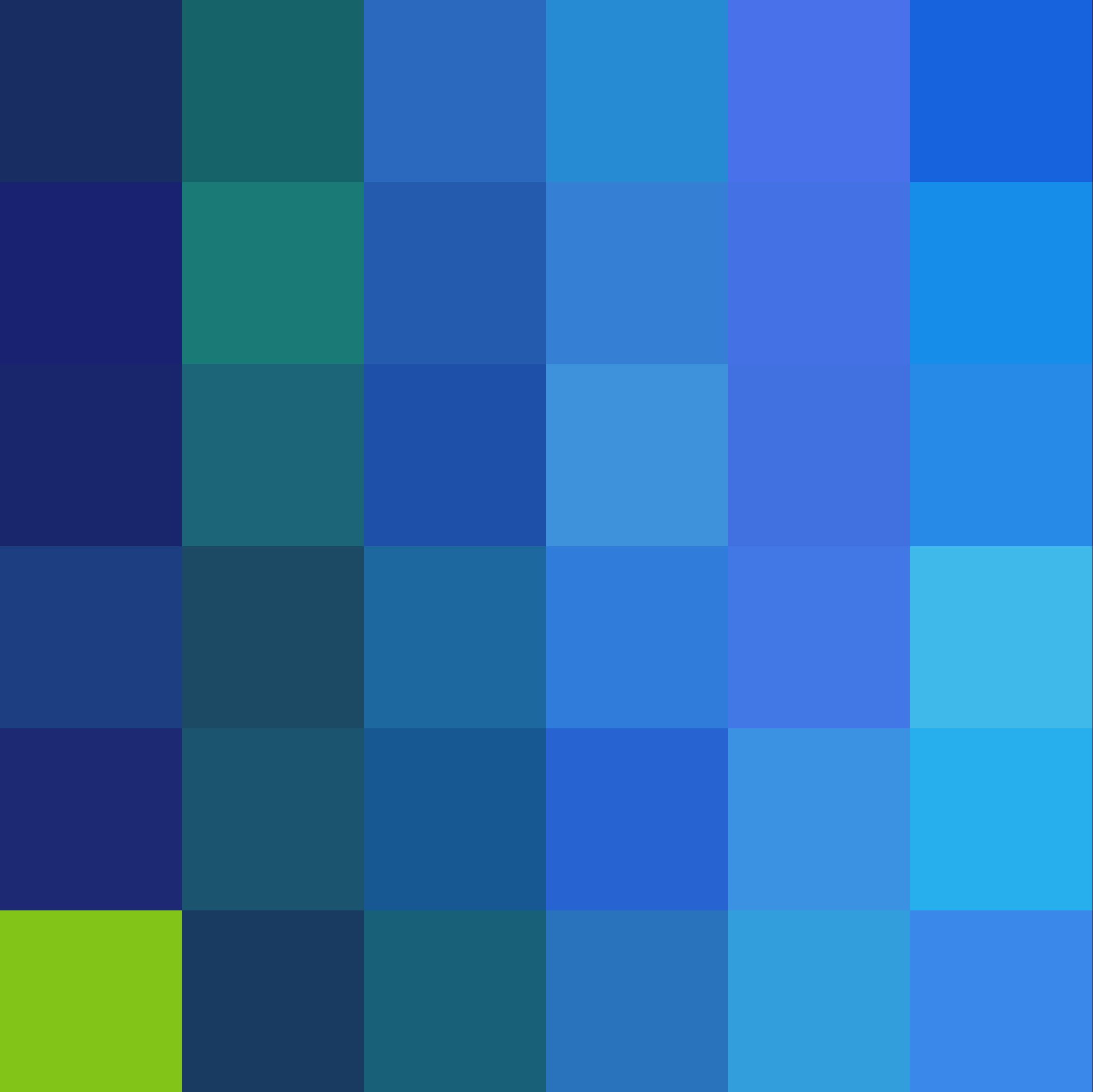
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly magenta, but it also has some blue, some indigo, some red, some rose, a bit of purple, a bit of violet, a little bit of yellow, and a little bit of orange in it.

The cells in this 11 by 11 pixel grid form a very colourful gradient. It is mostly blue, but it also has some cyan, some purple, some magenta, a little bit of violet, and a tiny bit of green in it.
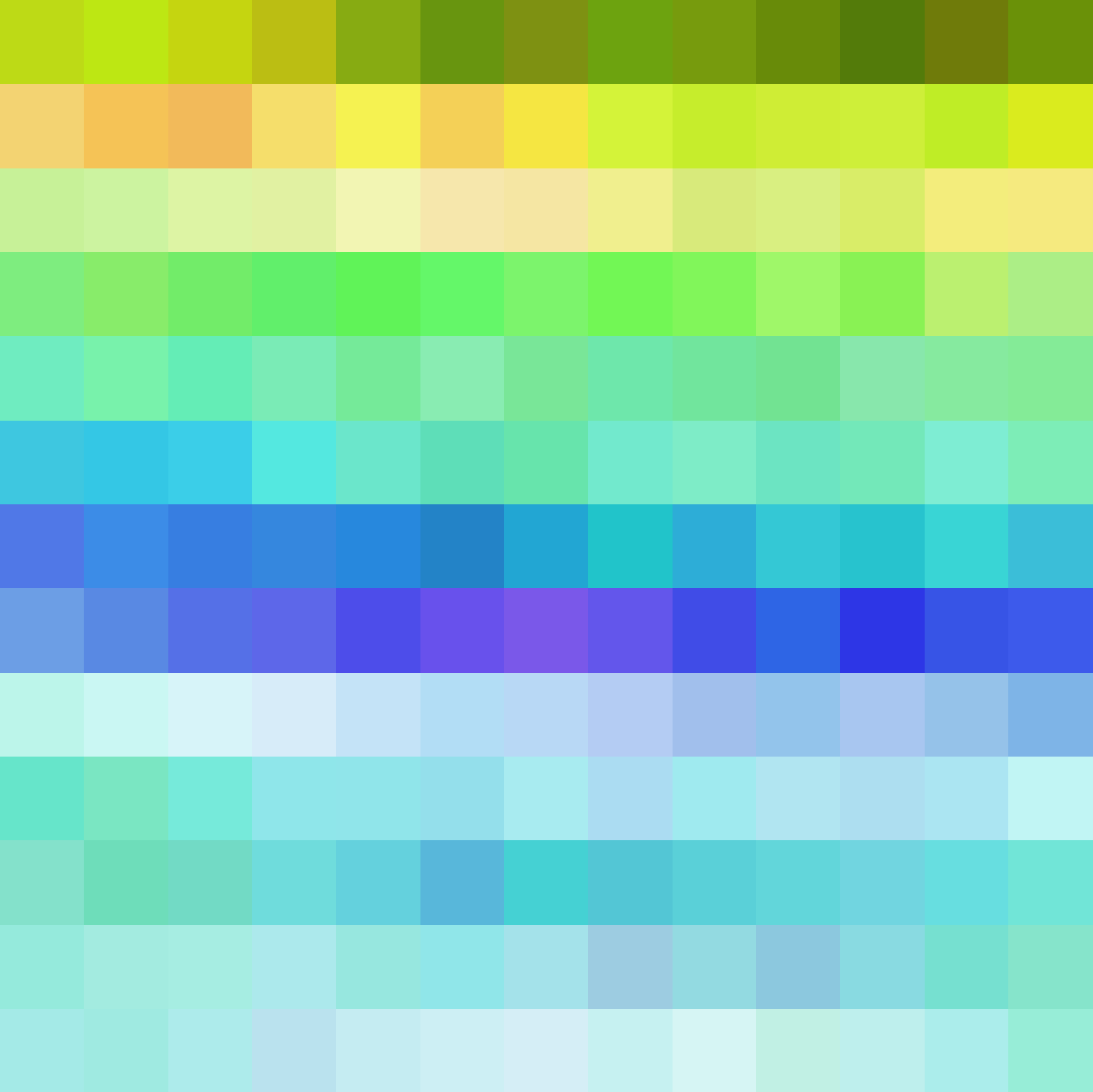
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has some purple, and a little bit of rose in it.
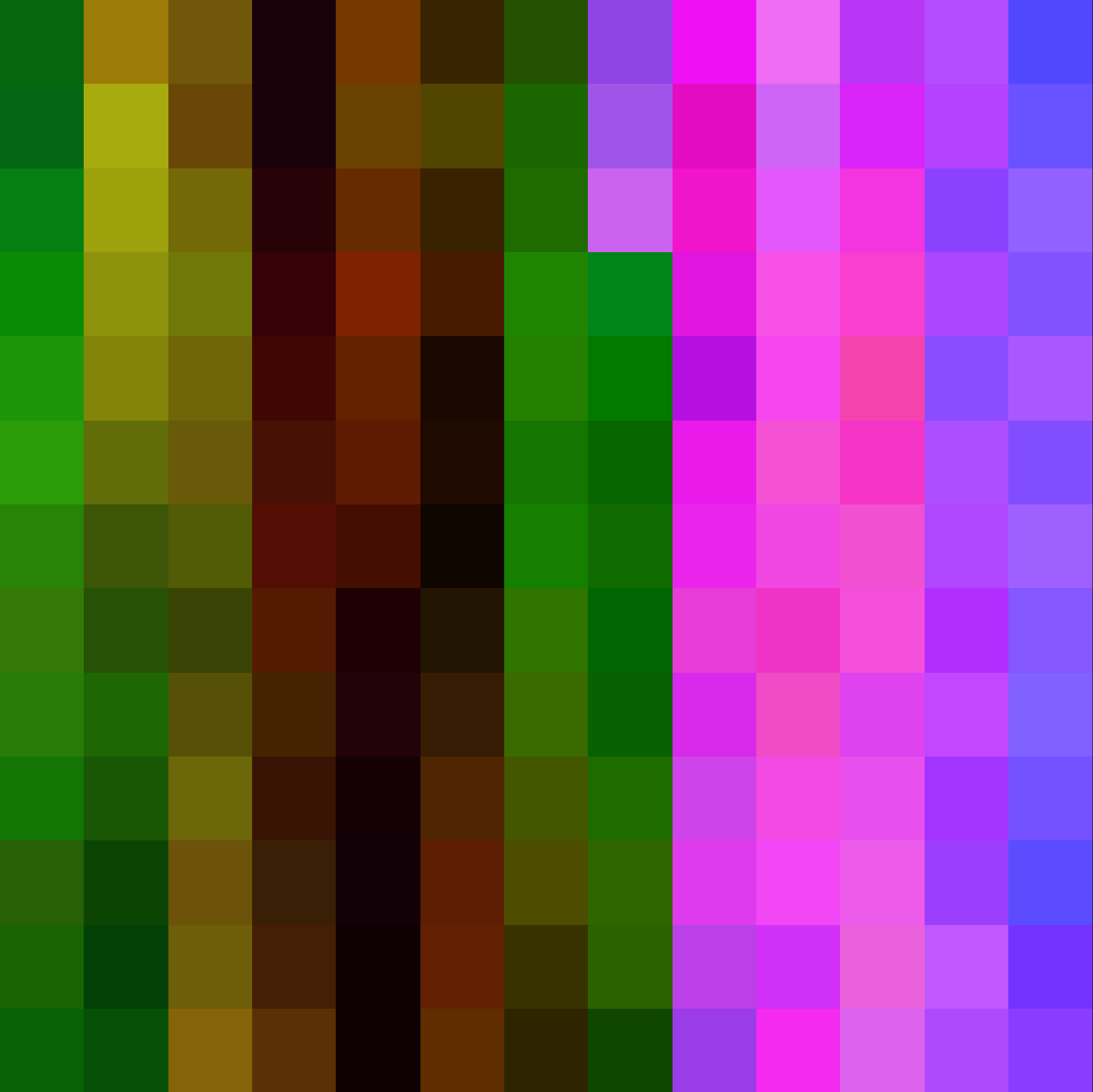
A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has a bit of cyan, and a little bit of green in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly yellow, but it also has quite some orange, some green, and some lime in it.
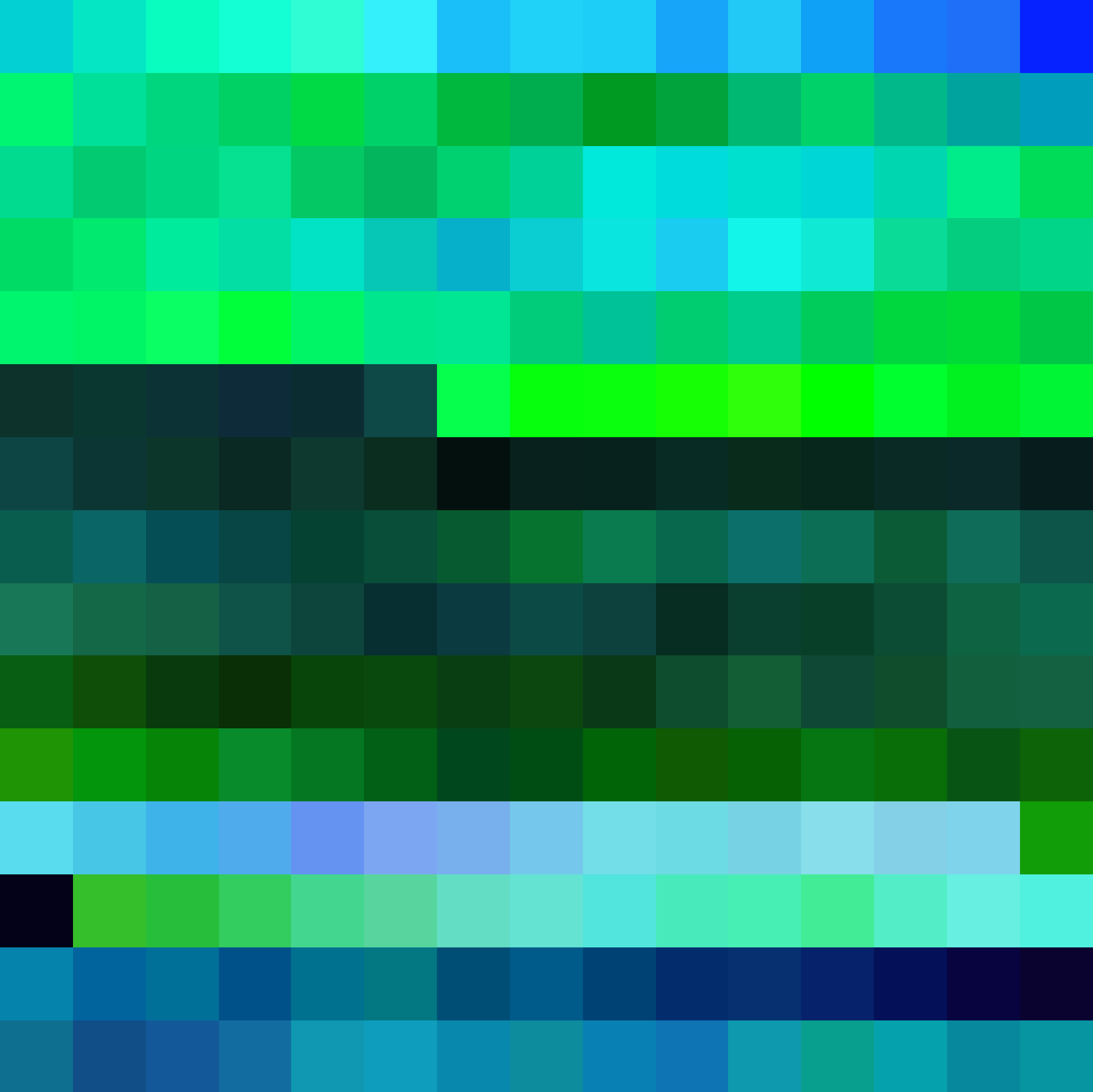
A very colourful grid of 169 blocks. It's mostly cyan, and it also has quite some green, quite some blue, some yellow, a bit of lime, a tiny bit of orange, and a tiny bit of indigo in it.
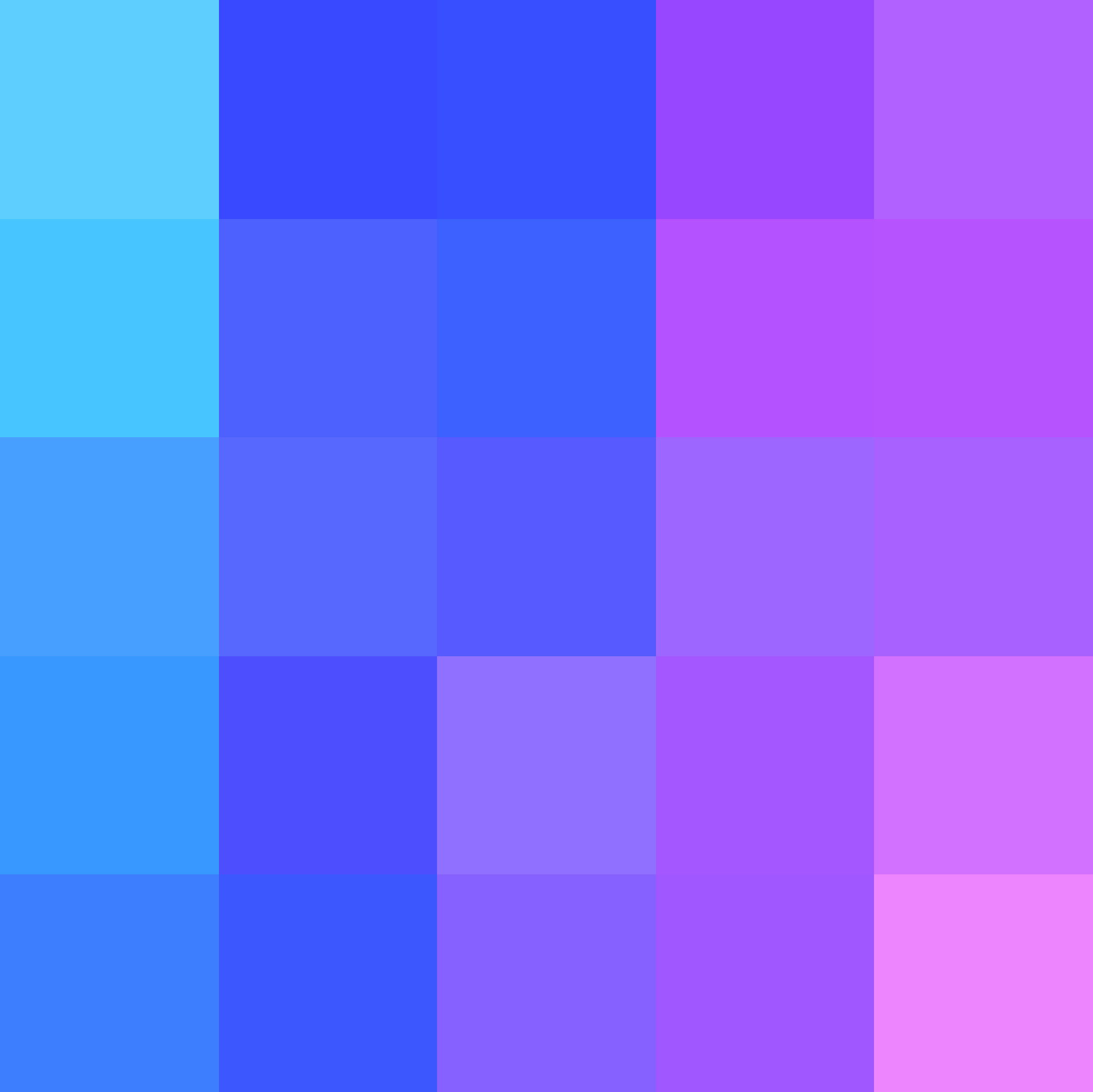
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some magenta, some orange, some purple, some yellow, a bit of red, a little bit of indigo, a little bit of violet, and a tiny bit of lime in it.
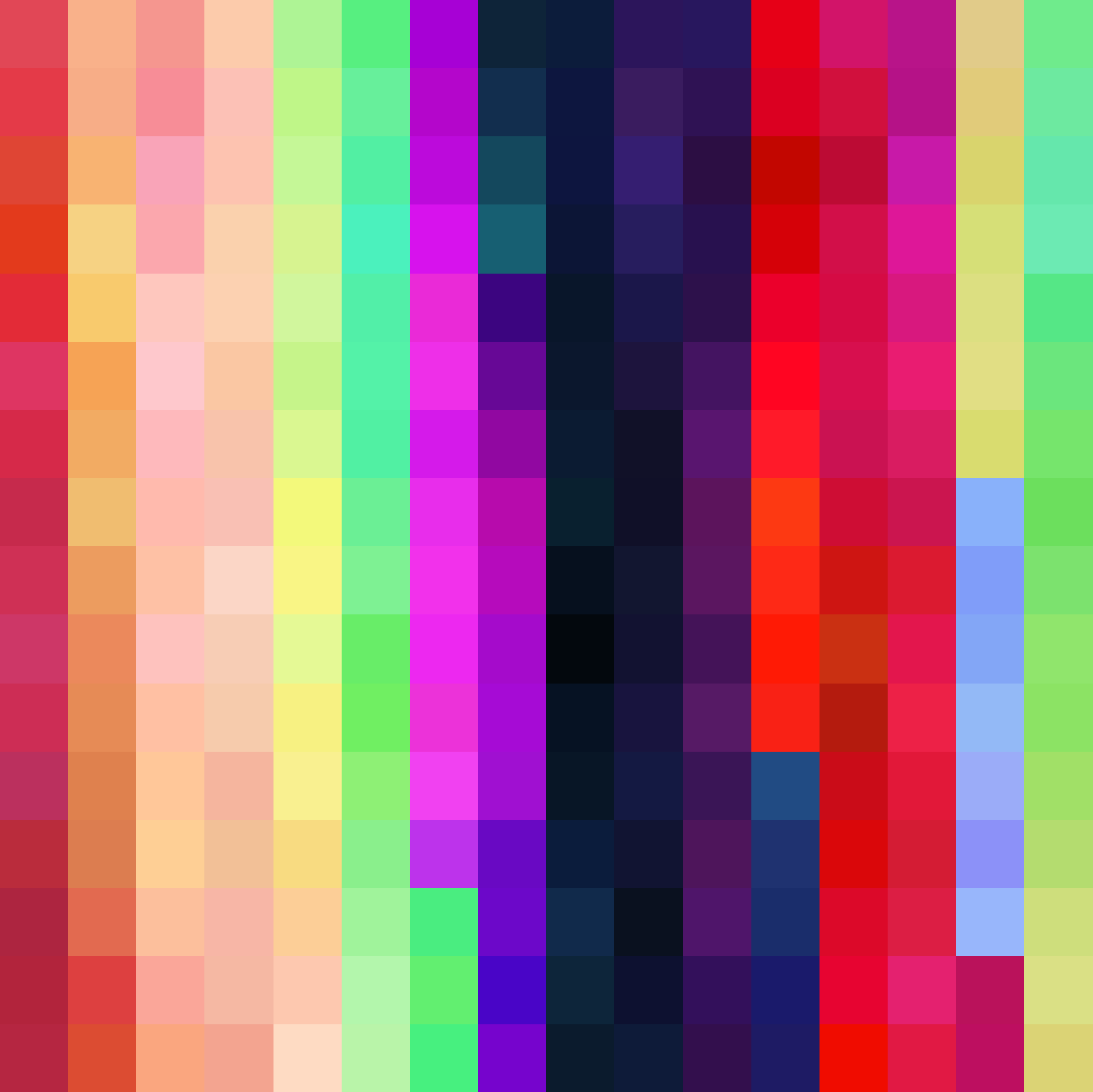
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, but it also has quite some red, some orange, a little bit of cyan, a little bit of rose, a little bit of lime, a little bit of yellow, and a tiny bit of magenta in it.
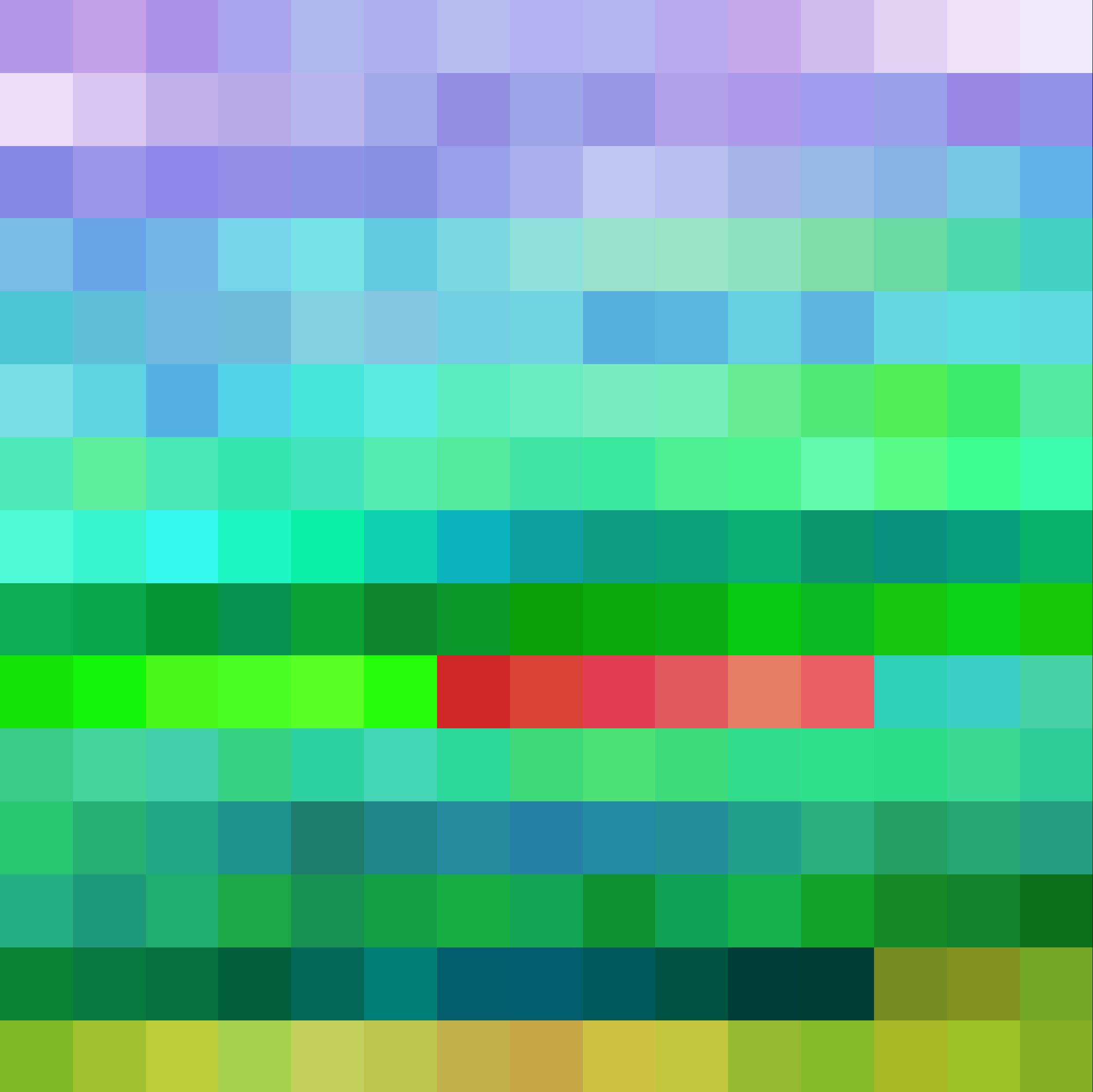
The cells in this 15 by 15 pixel grid form a gradient. It is mostly green, but it also has quite some cyan, some blue, and a tiny bit of indigo in it.

A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some violet, some purple, and a bit of indigo in it.

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

A 15 by 15 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 indigo, a little bit of yellow, a little bit of red, a tiny bit of violet, a tiny bit of lime, a tiny bit of purple, 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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