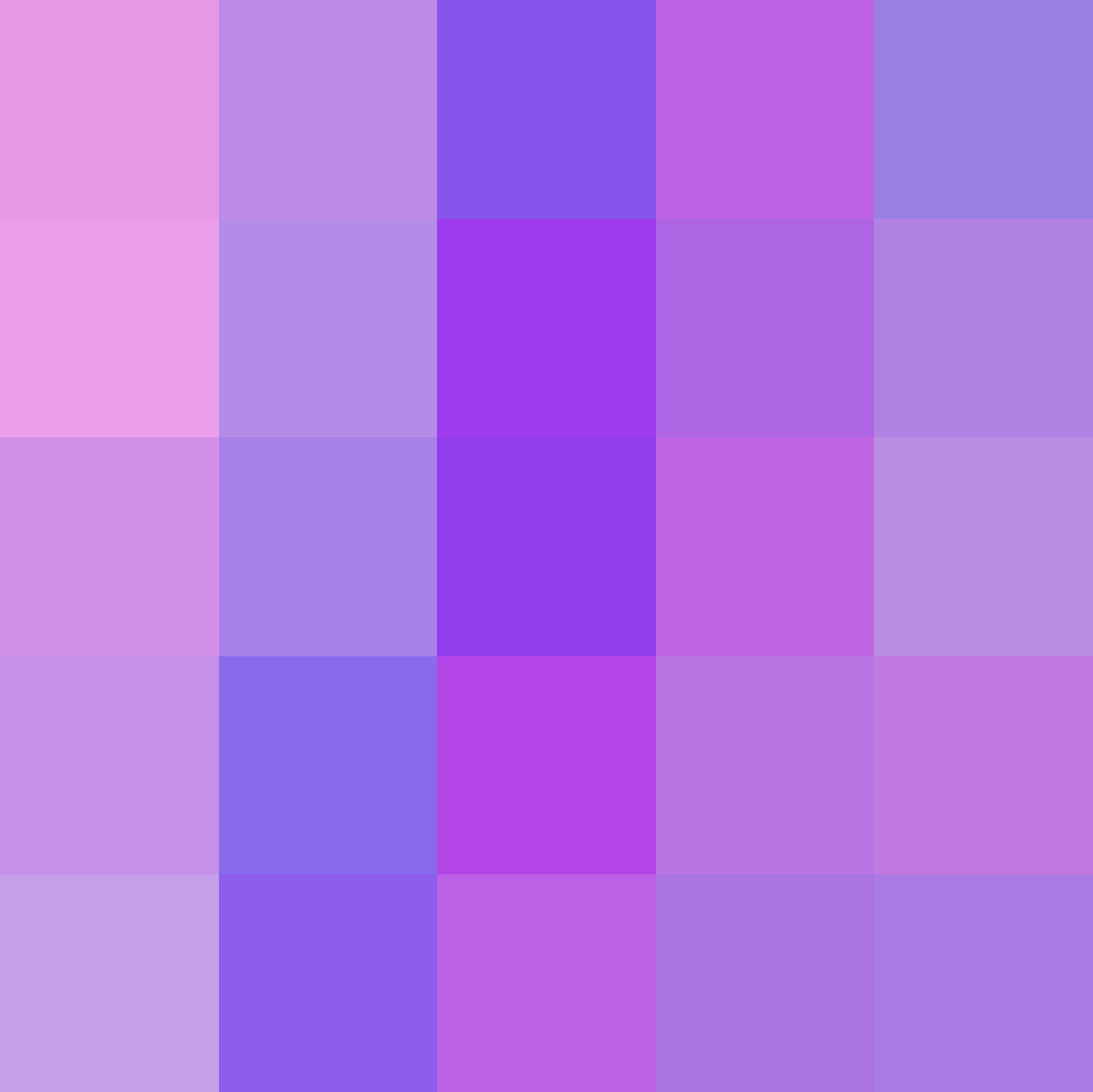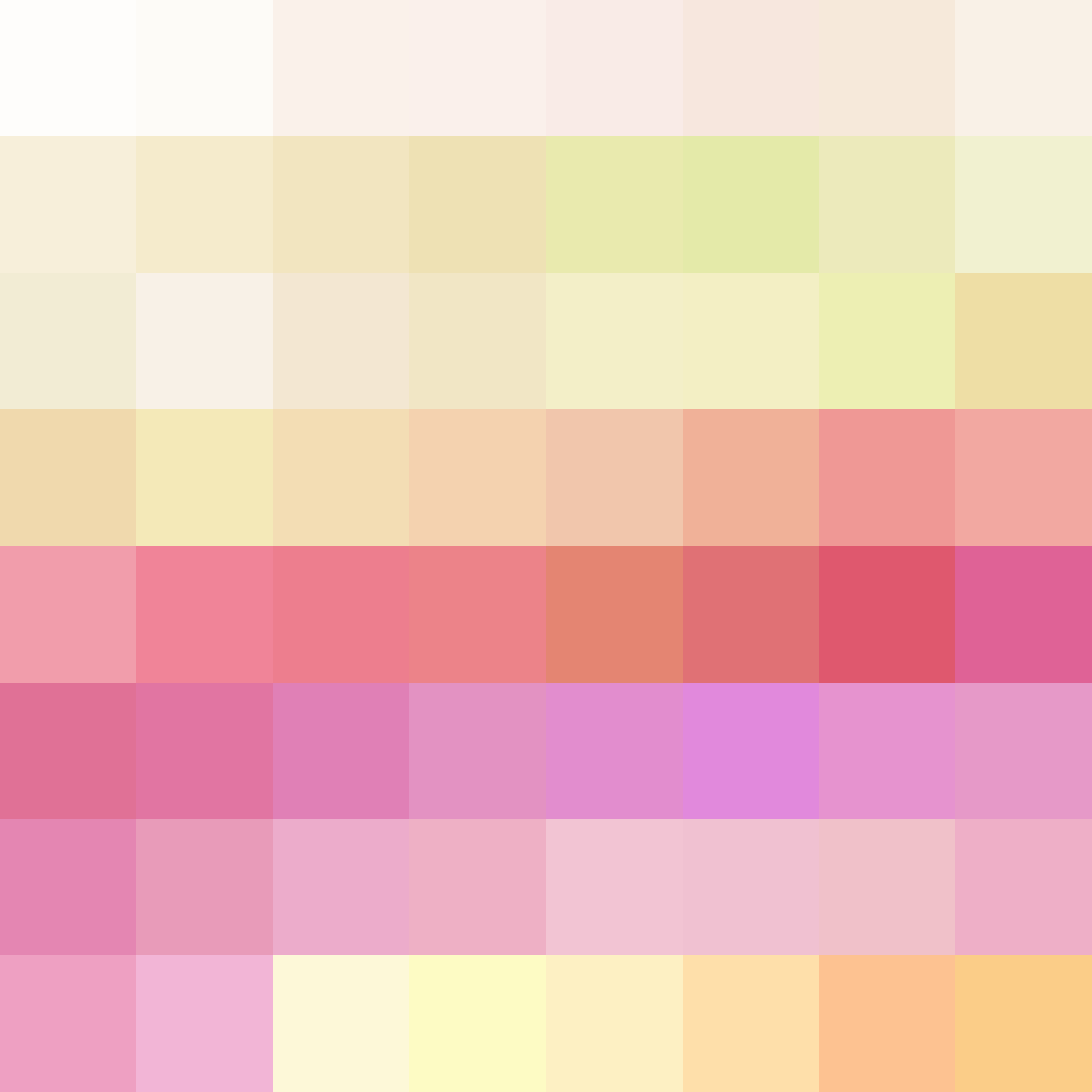# 100 random pixel gradients
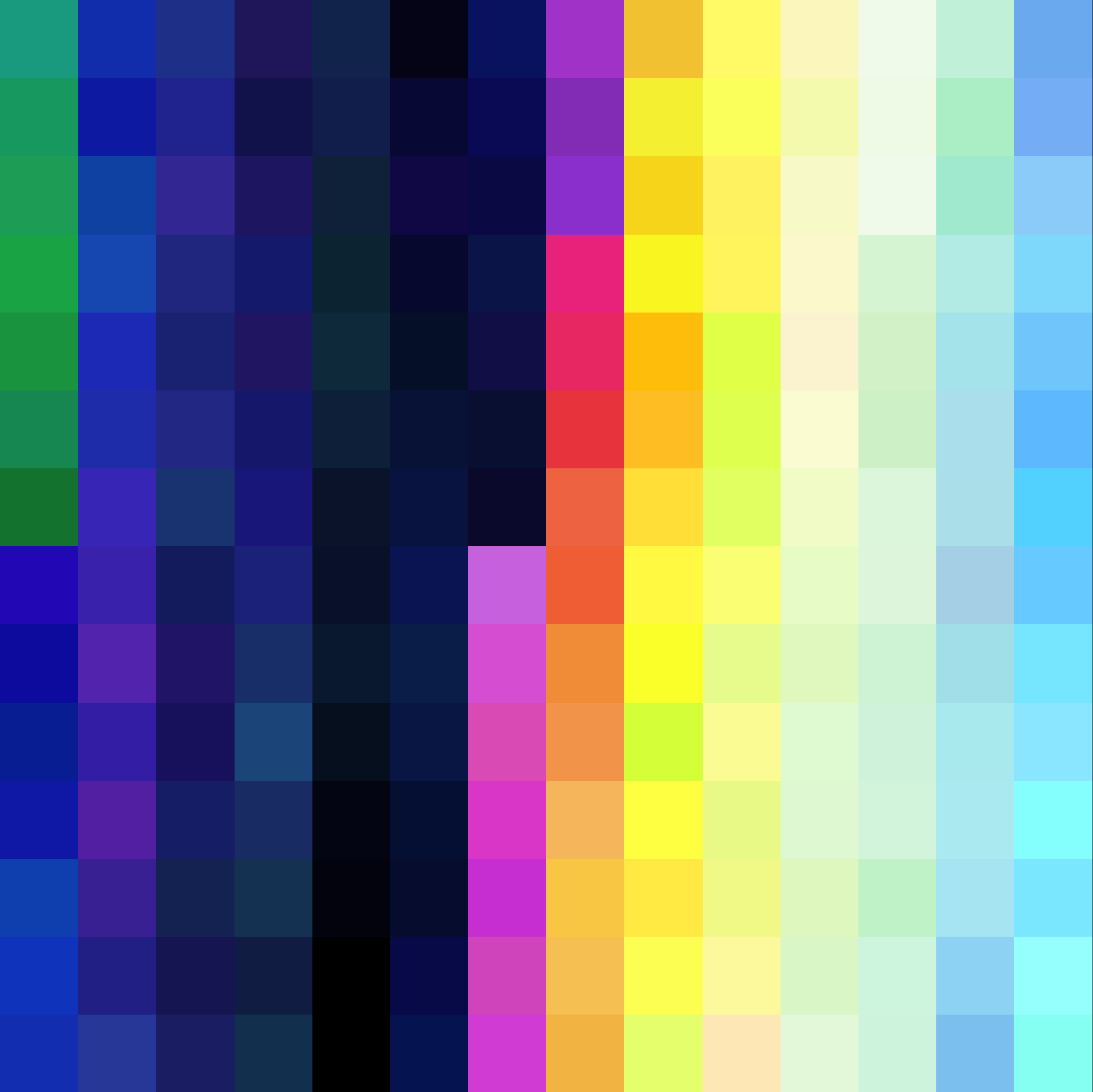
Vasilis van Gemert – 18-12-2023

There's a pixel gradient in this 5 by 5 grid. It is mostly purple, but it also has quite some violet, some indigo, and a bit of magenta in it.

A grid of 64 blocks. It's mostly red, and it also has quite some orange, and quite some yellow in it.

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

The very colourful gradient in this 8 by 8 pixel grid is mostly magenta, and it also has some green, some purple, a little bit of violet, a little bit of rose, and a tiny bit of lime in it.
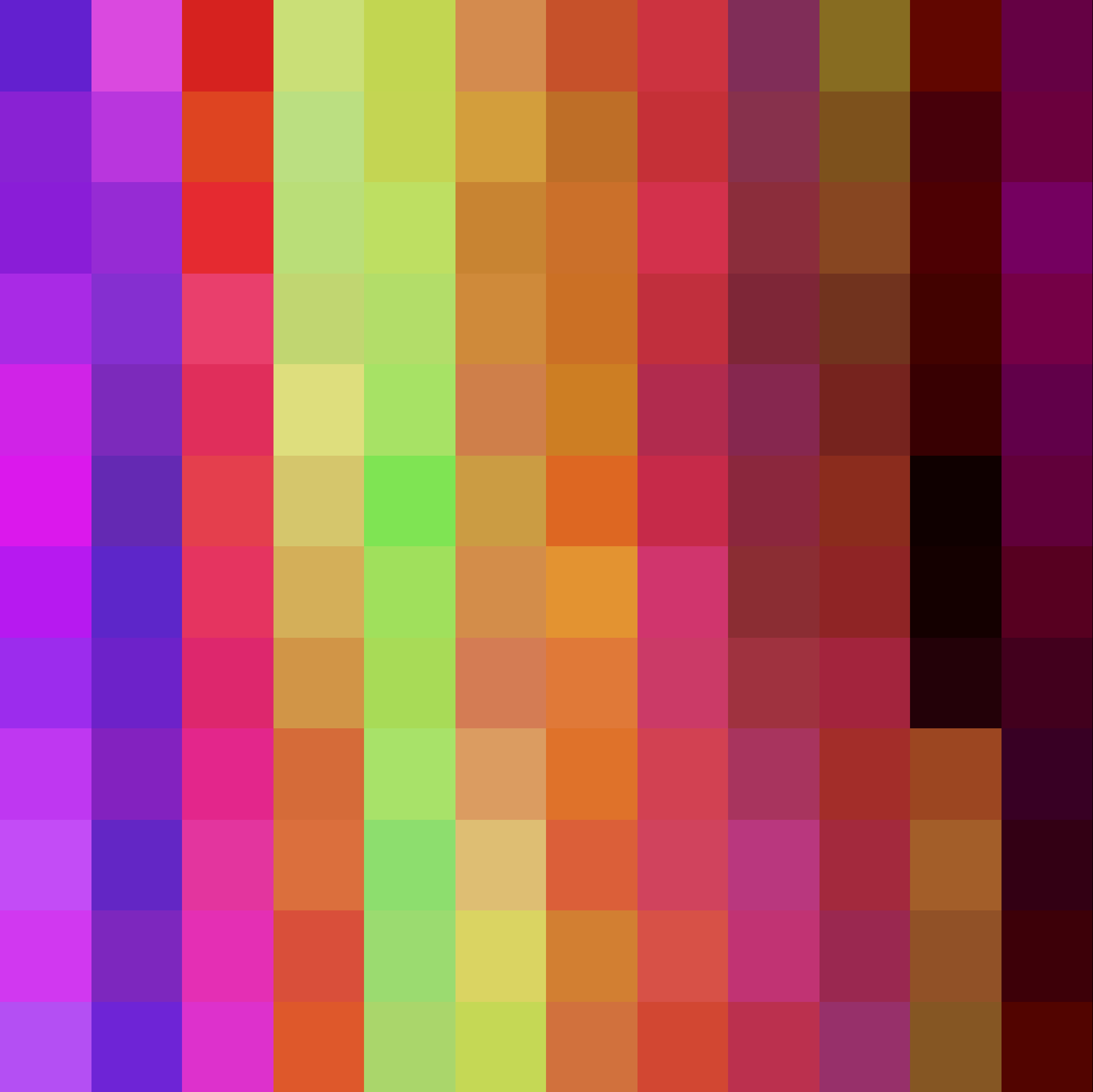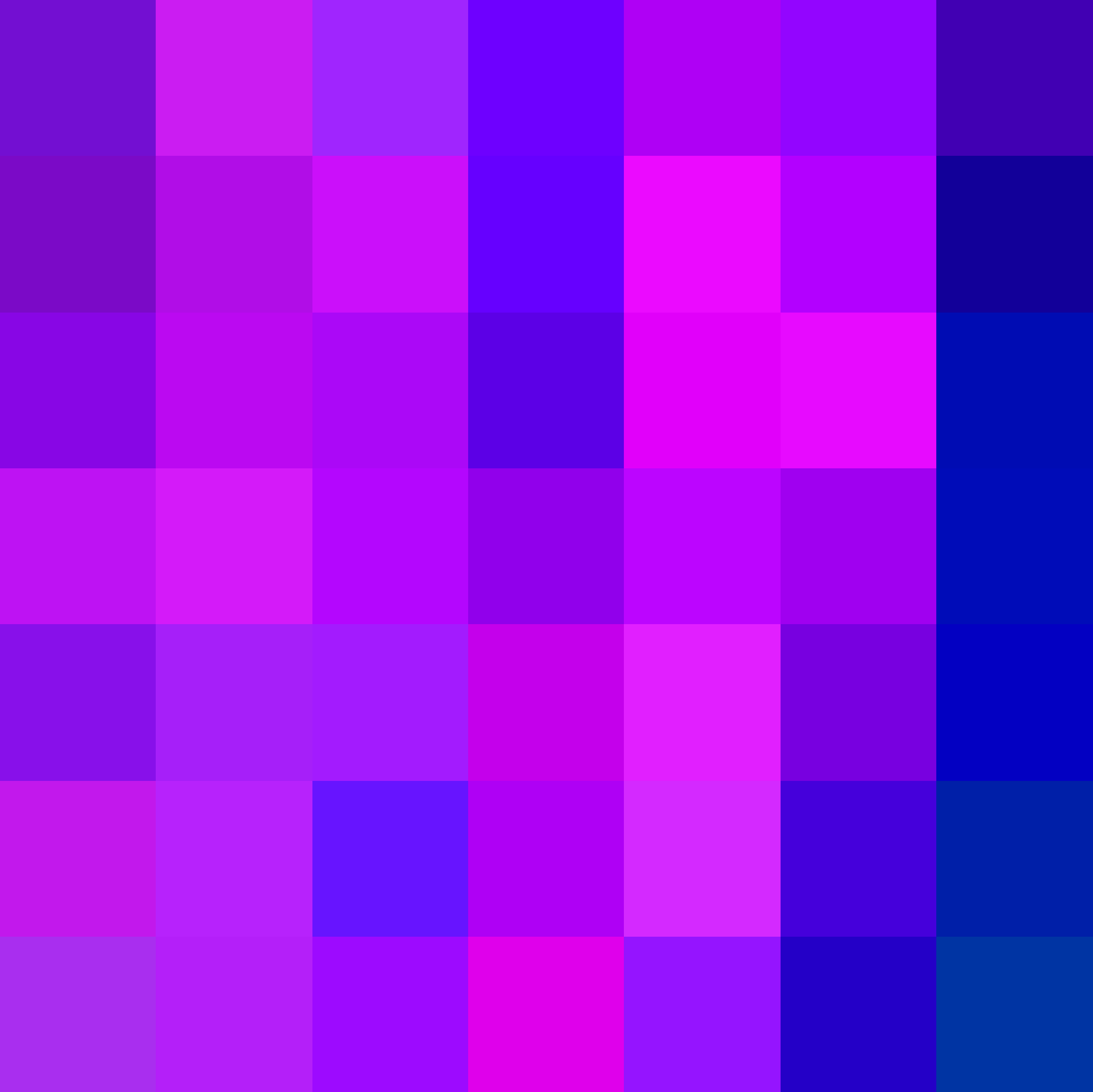
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some rose, a bit of purple, a bit of magenta, a bit of green, a little bit of yellow, a little bit of violet, a tiny bit of lime, and a tiny bit of indigo in it.
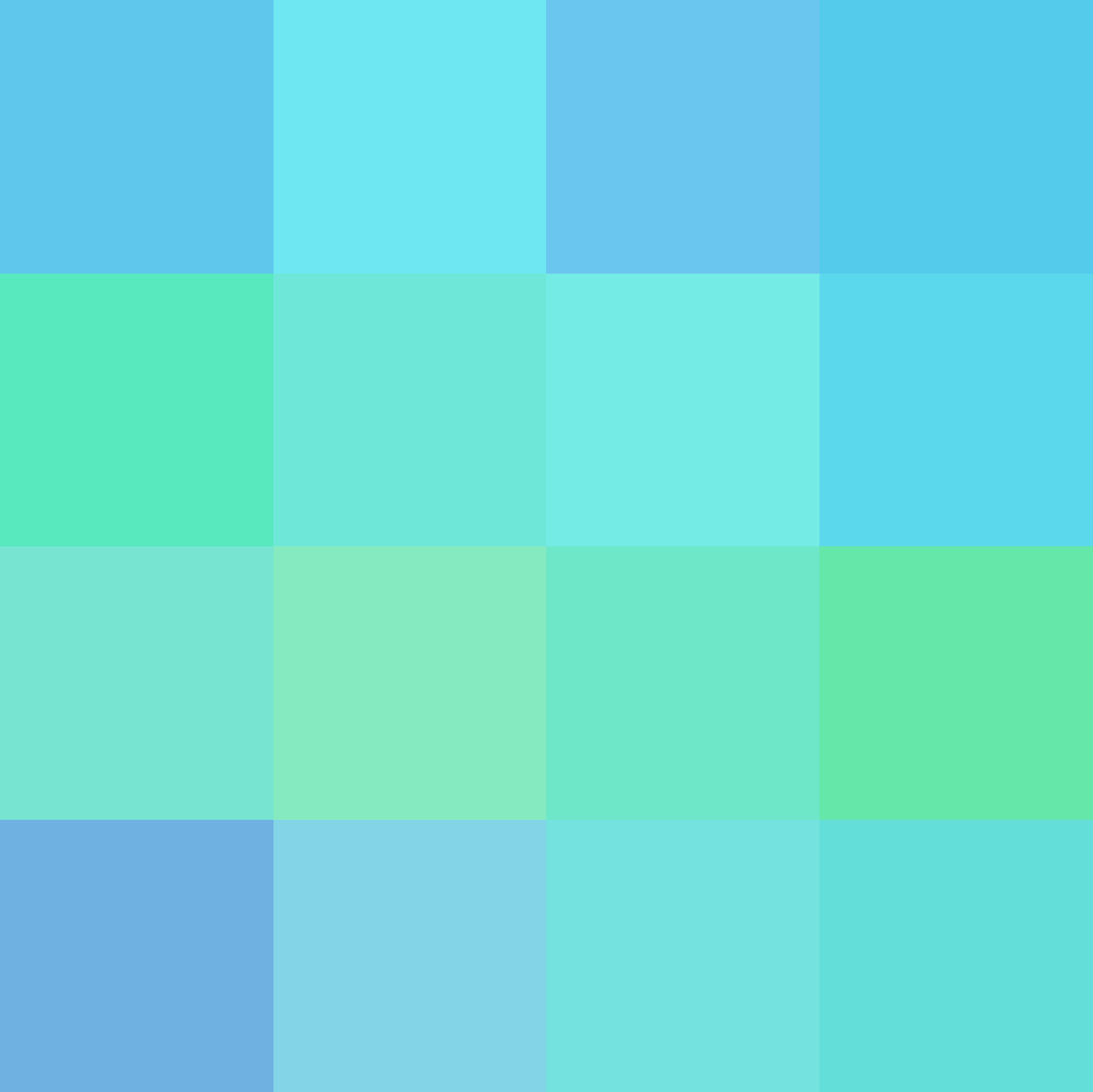
The cells in this 4 by 4 pixel grid form a gradient. It is mostly cyan, but it also has some blue, and some green in it.
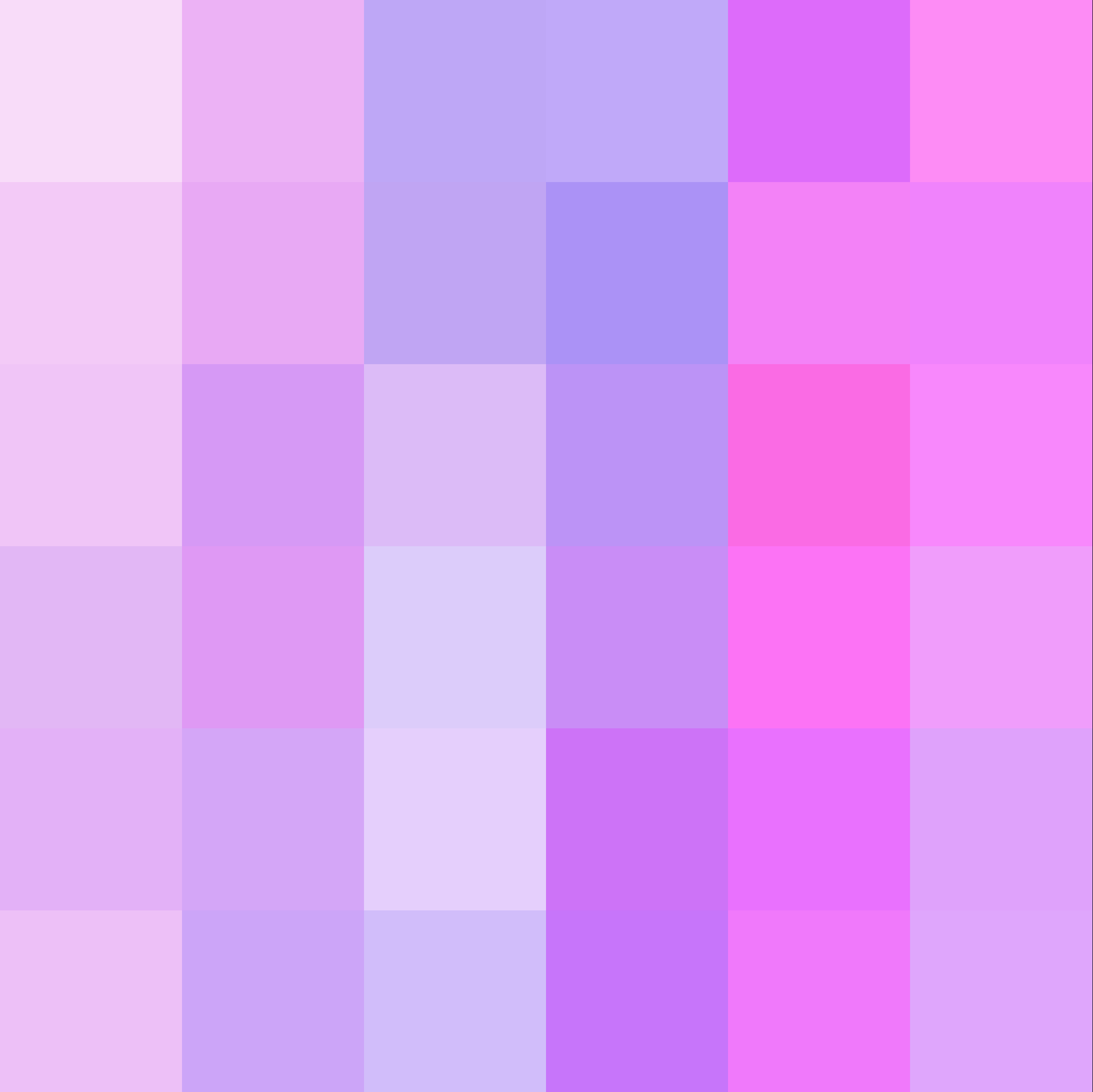
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly purple, and it also has quite some magenta, some violet, and some indigo in it.

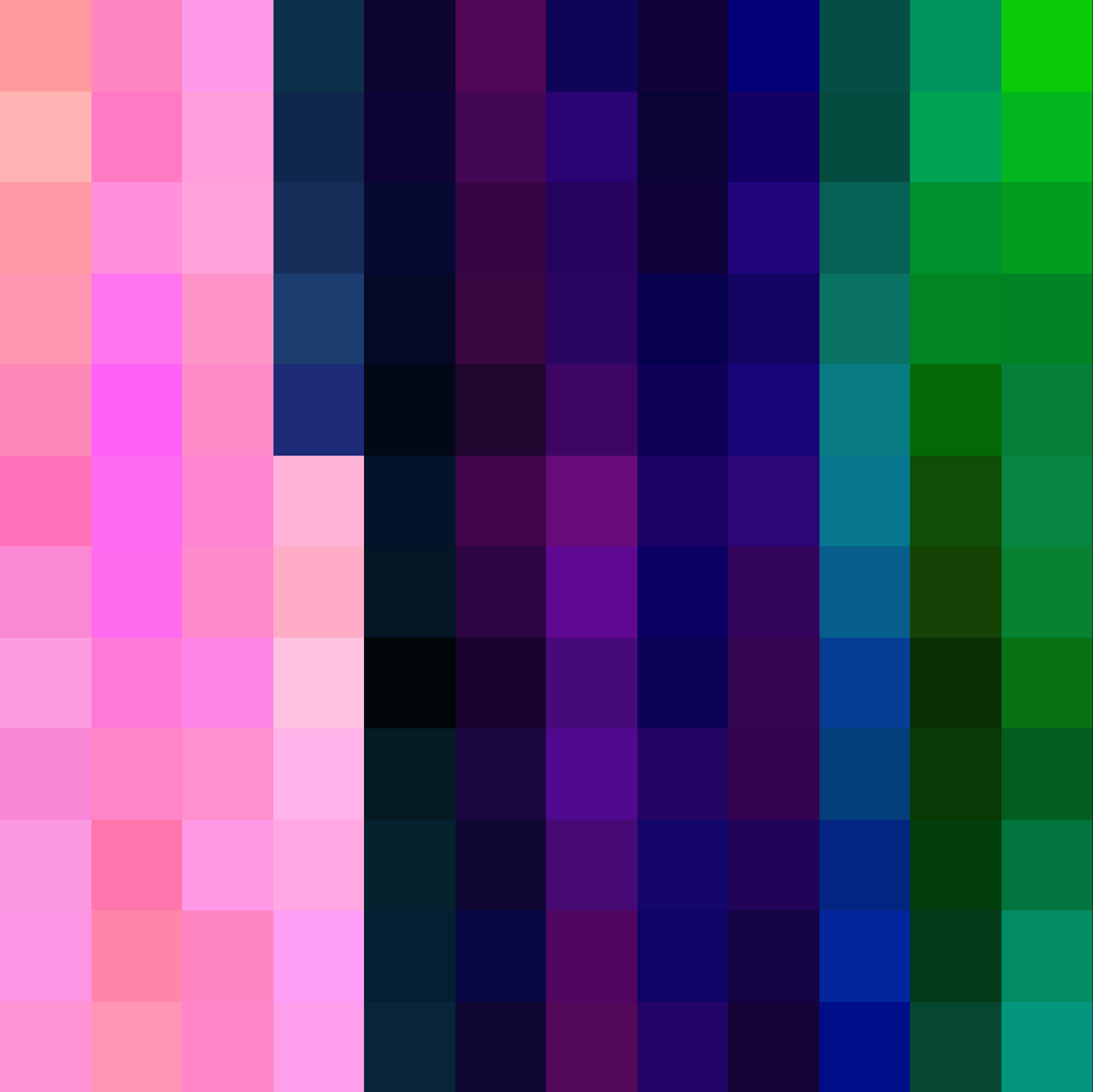A 7 by 7 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly purple, but it also has a bit of violet, a bit of magenta, a bit of indigo, and a bit of blue in it.
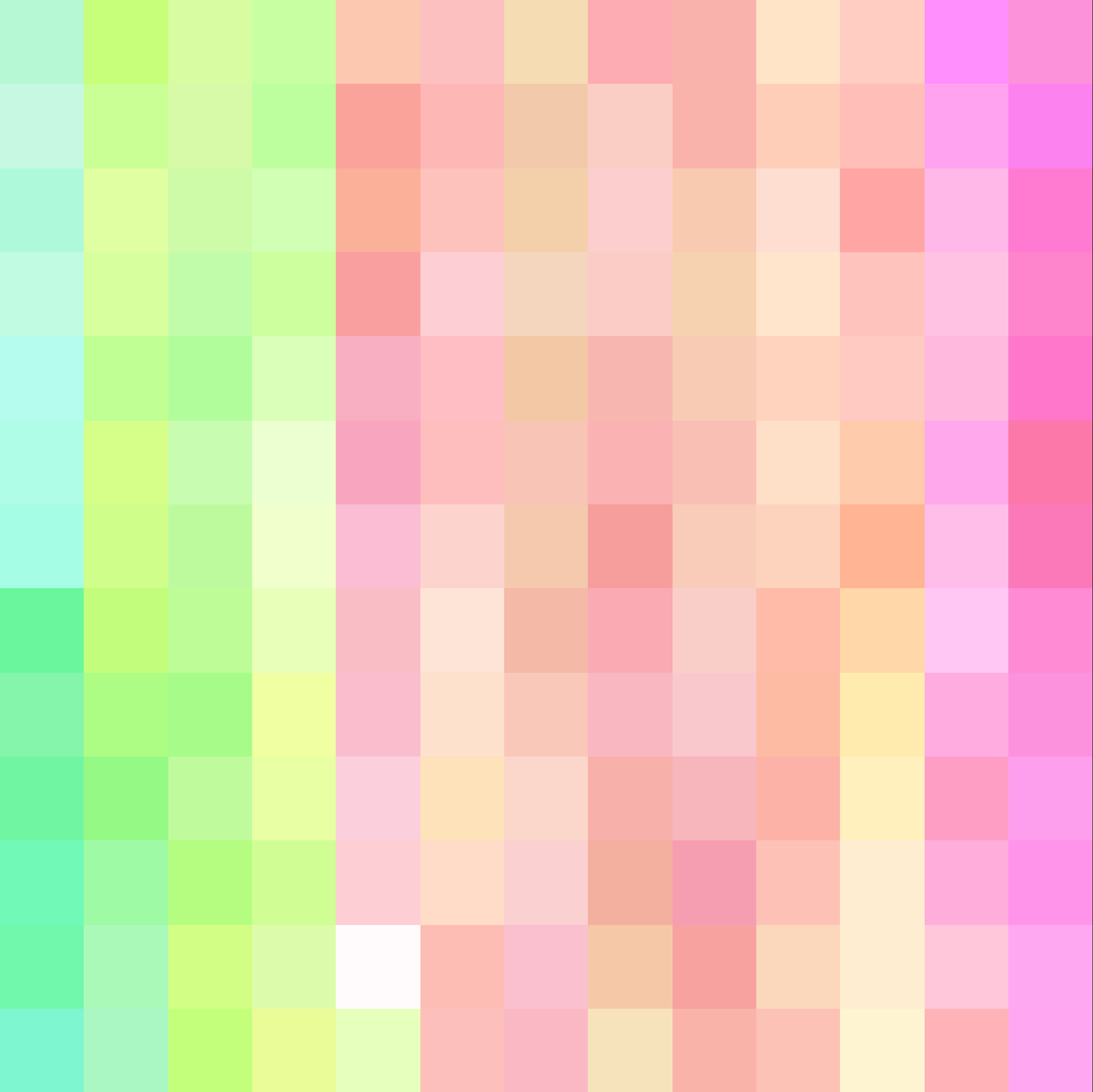
A very, very colourful grid of 169 blocks. It's mostly red, but it also has quite some green, some orange, some magenta, a bit of rose, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of cyan in it.
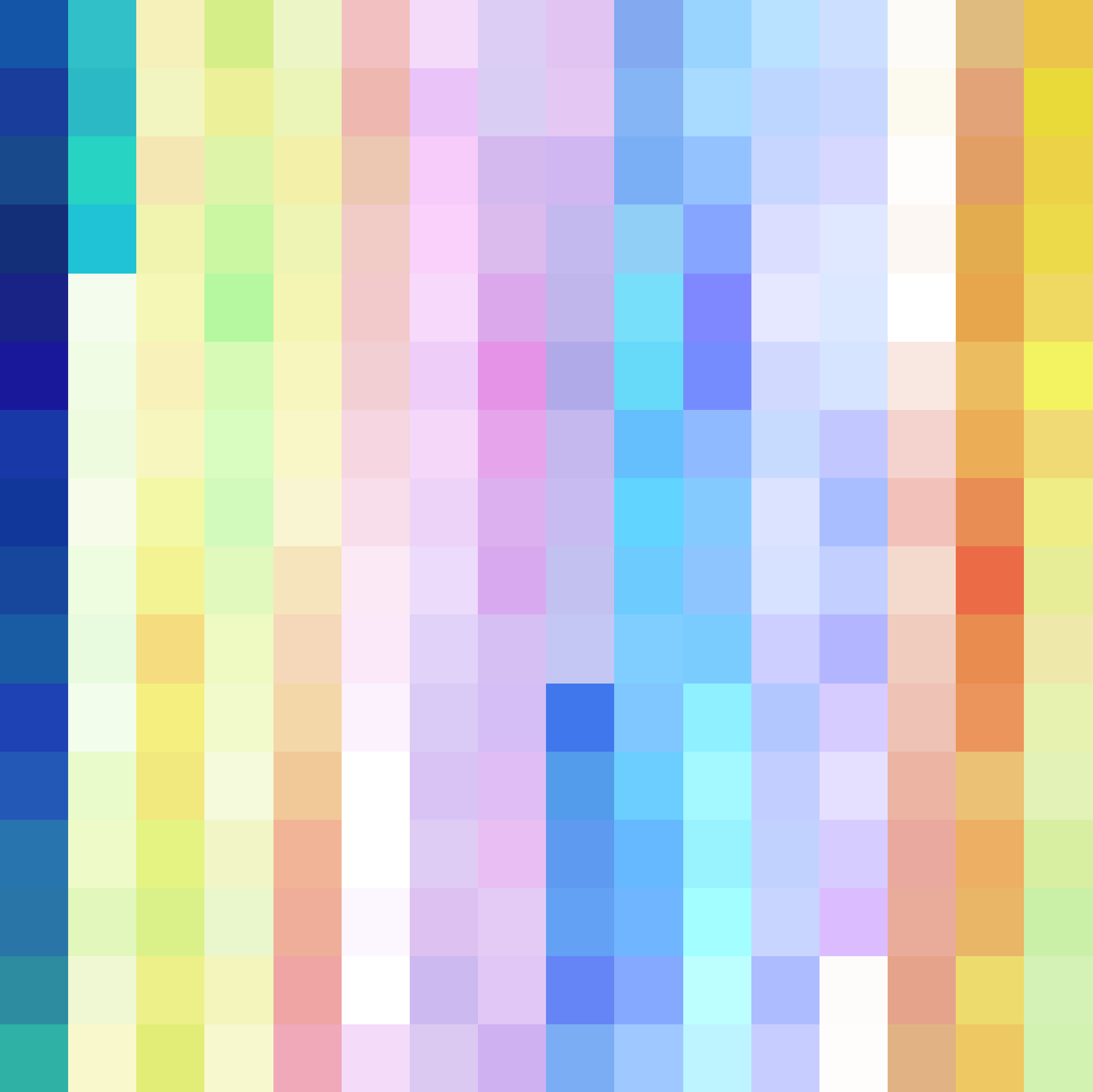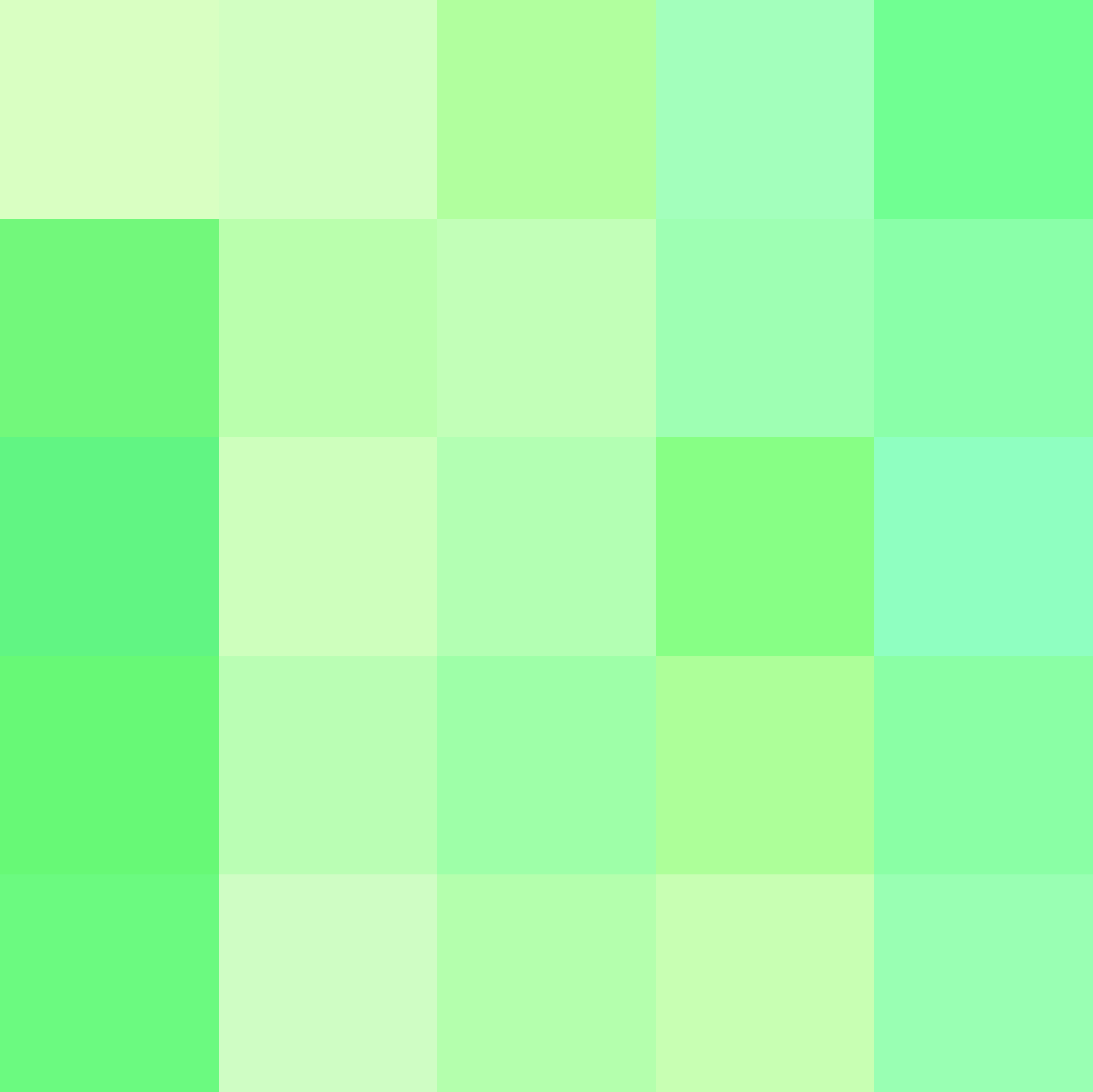
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly blue, and it also has quite some red, some yellow, some orange, a bit of green, a little bit of cyan, a little bit of lime, a tiny bit of indigo, and a tiny bit of violet in it.
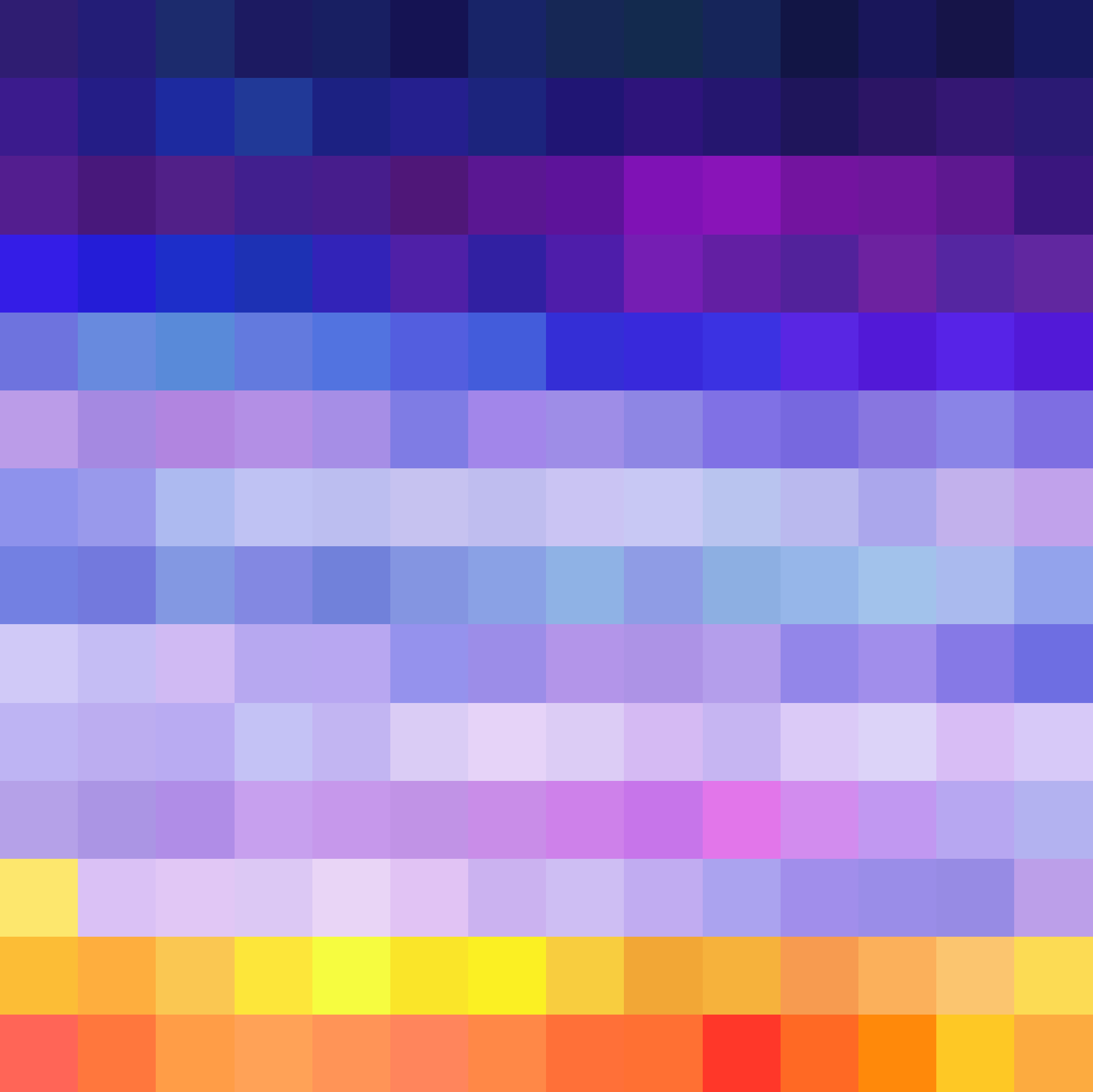
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some indigo, some green, some blue, some rose, a bit of purple, a little bit of cyan, a little bit of violet, and a tiny bit of red in it.
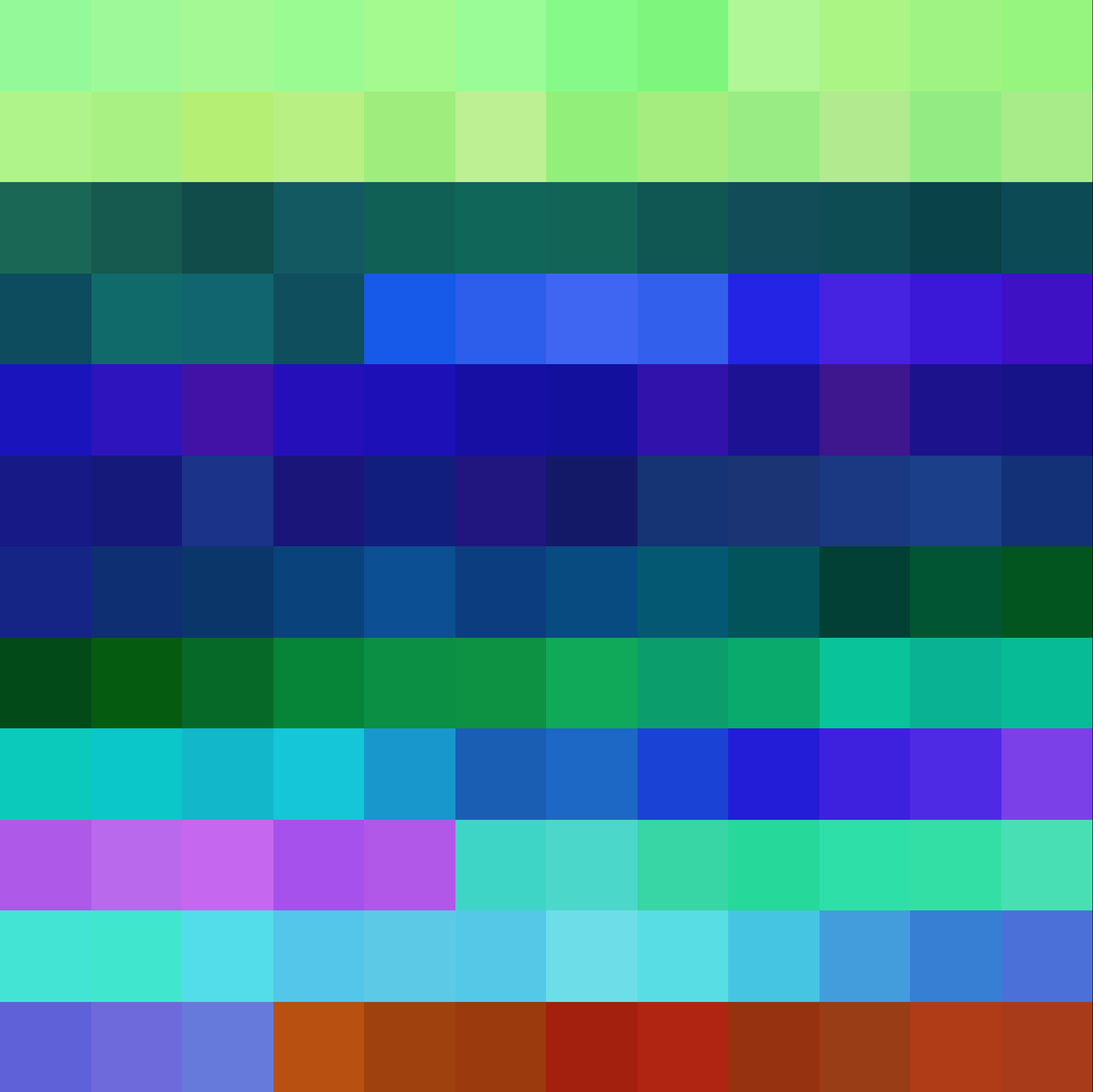
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, and it also has quite some cyan, quite some blue, some indigo, a little bit of purple, a little bit of red, a little bit of orange, and a tiny bit of violet in it.
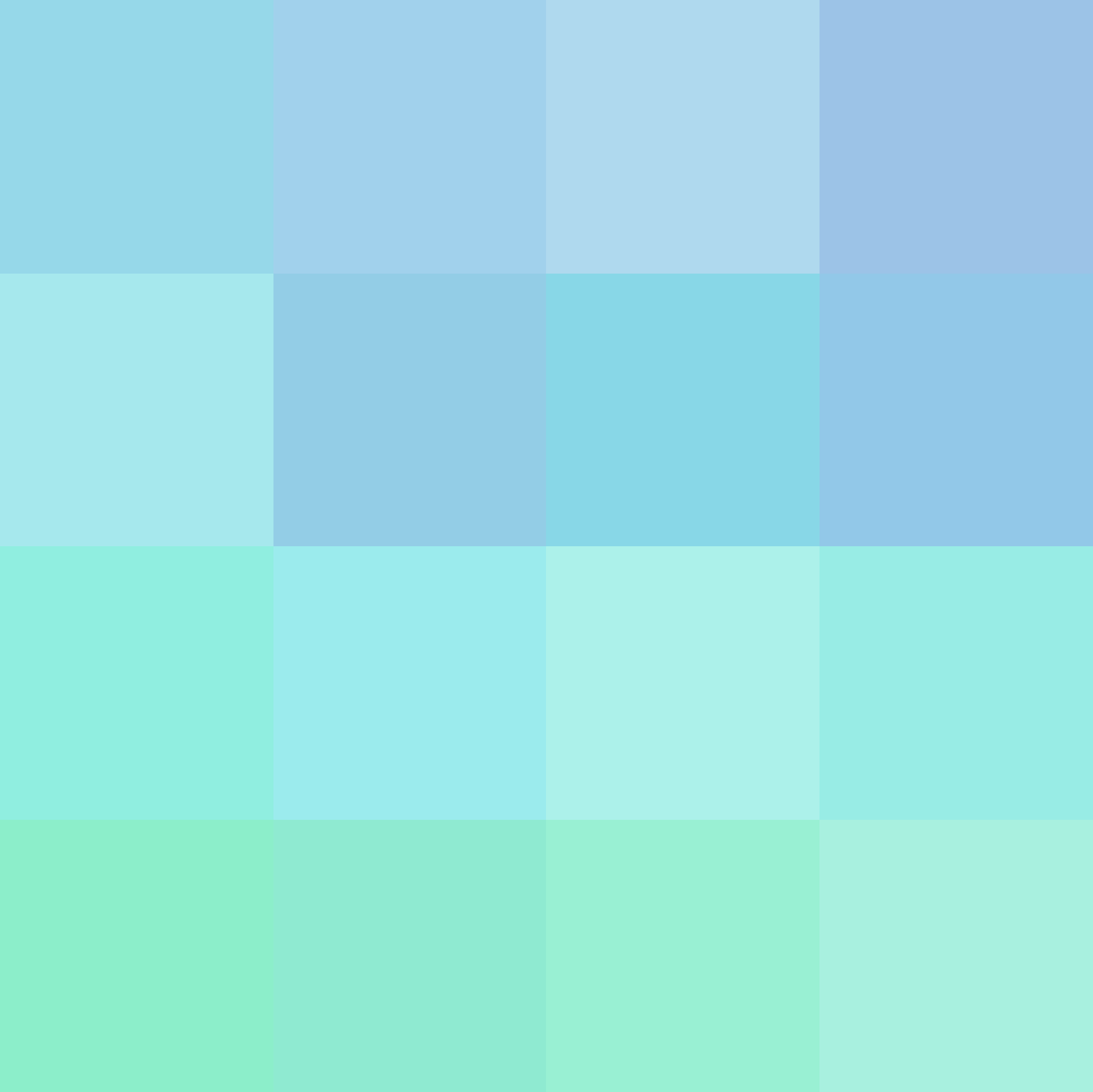
This monochrome pixel gradient—it is 5 cells wide, 5 cells high—is green.

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

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

A 4 by 4 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some blue, and some green in it.

A grid with 36 coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has quite some yellow, some green, a bit of orange, and a little bit of lime in it.
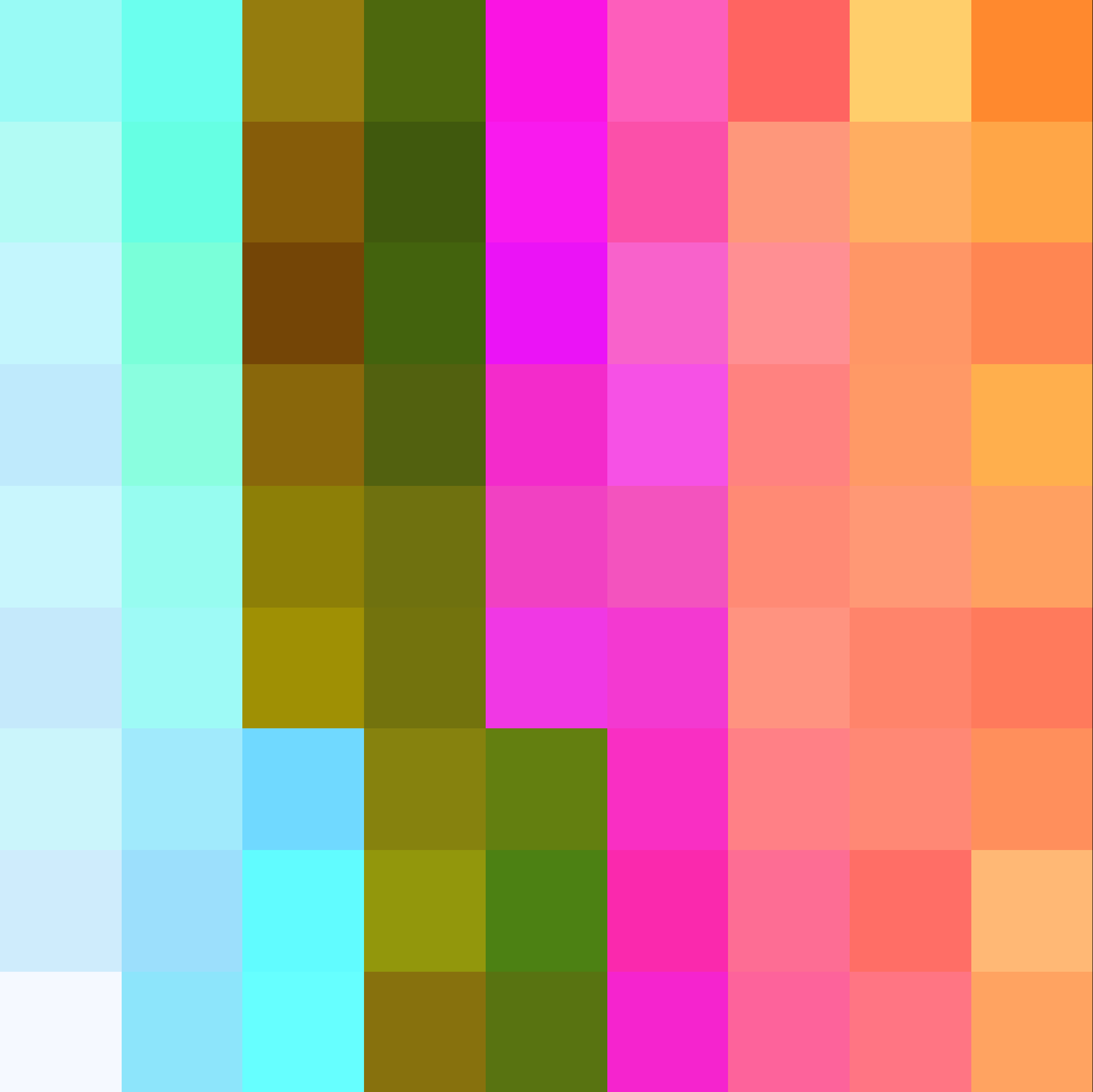
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, and it also has quite some green, some yellow, a bit of purple, a little bit of magenta, a tiny bit of red, and a tiny bit of lime in it.
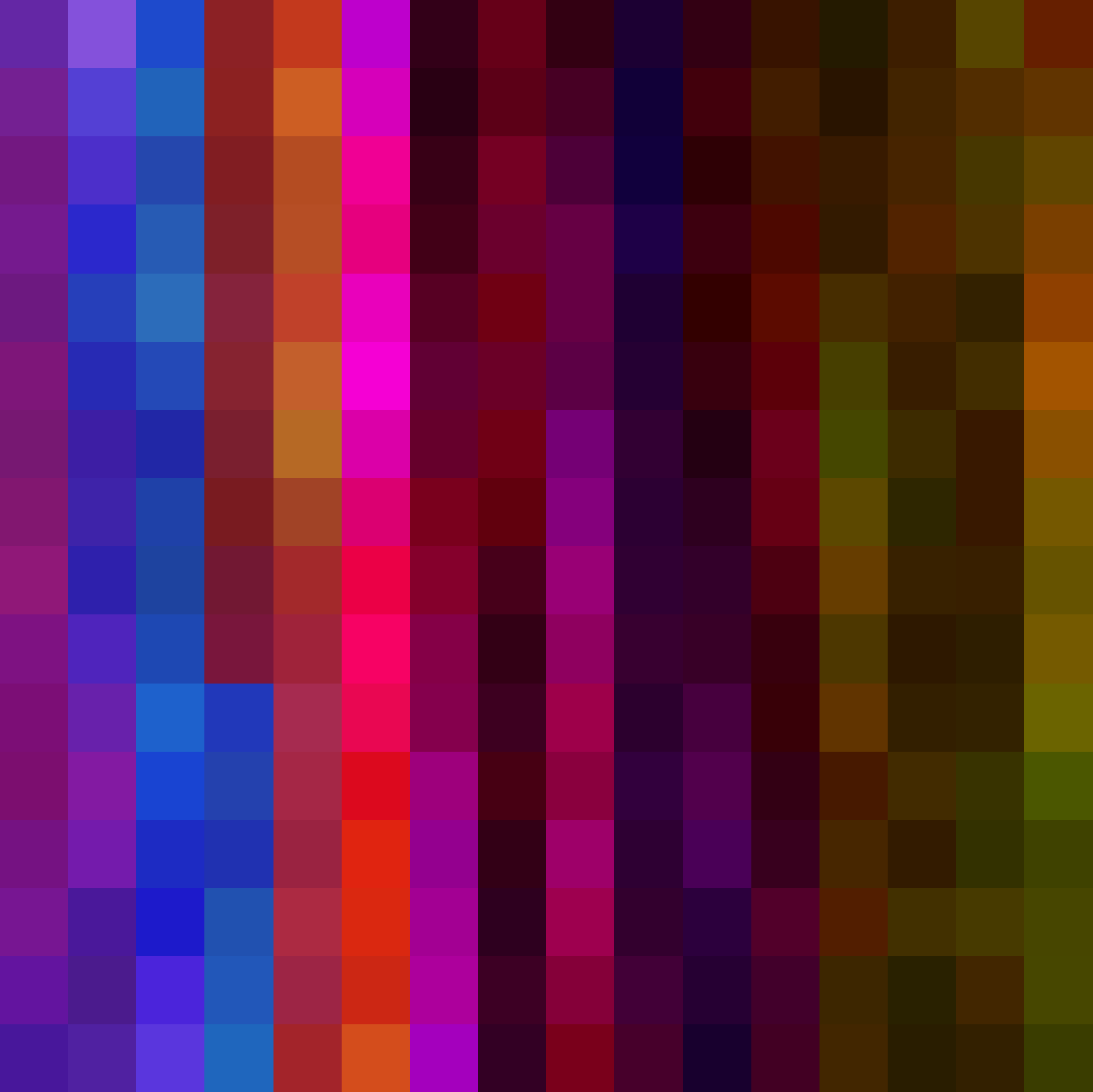
The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly orange, and it also has some magenta, some red, some rose, a bit of blue, a bit of yellow, a little bit of purple, a little bit of indigo, and a little bit of violet in it.

The gradient in this 14 by 14 pixel grid is mostly red, but it also has quite some orange, and some yellow in it.

This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly orange, and it also has some cyan, some magenta, some red, a bit of yellow, a bit of blue, a little bit of green, a little bit of lime, and a little bit of rose in it.
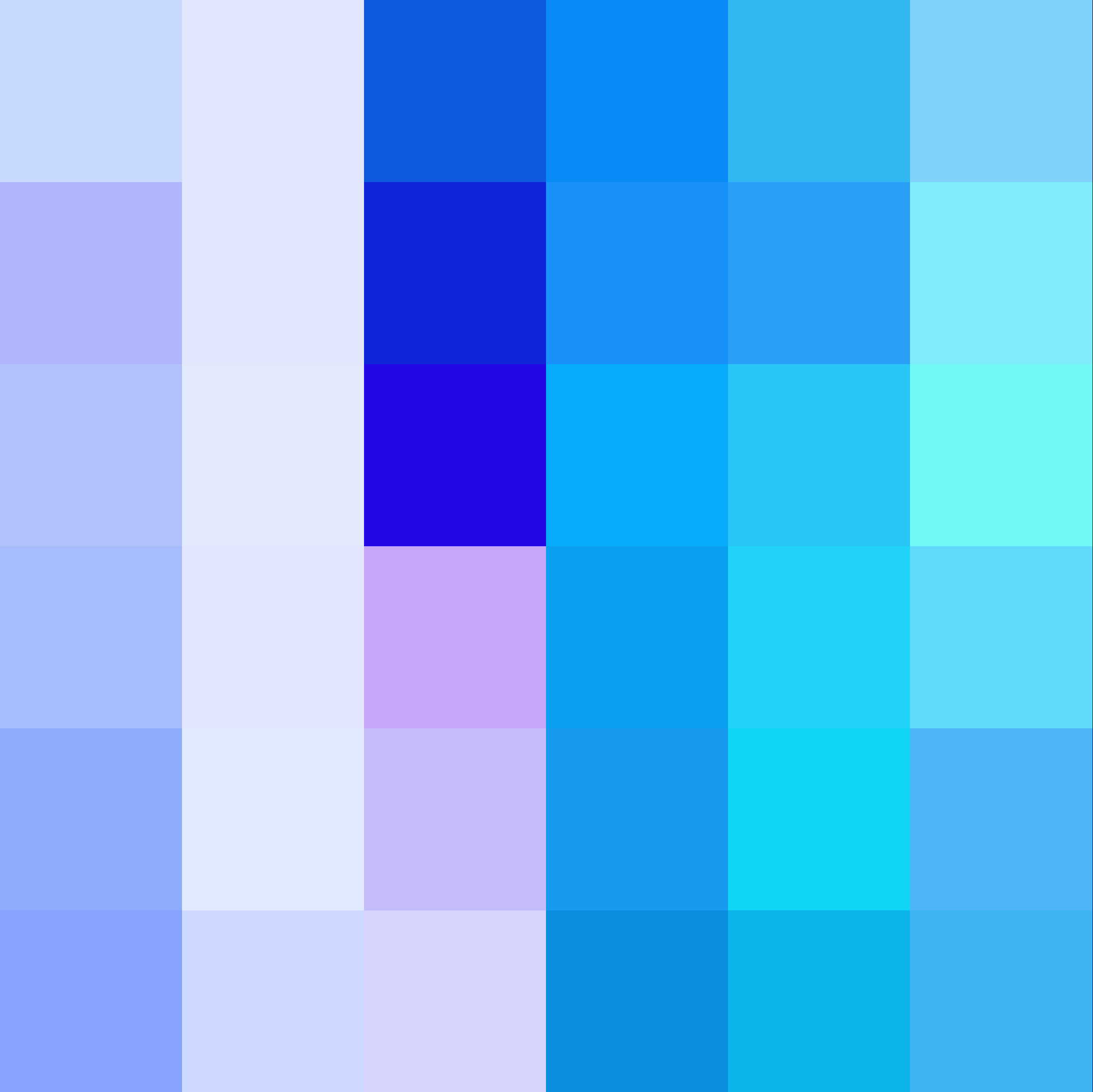
A grid of 36 blocks. It's mostly blue, but it also has some cyan, a bit of indigo, and a little bit of violet in it.
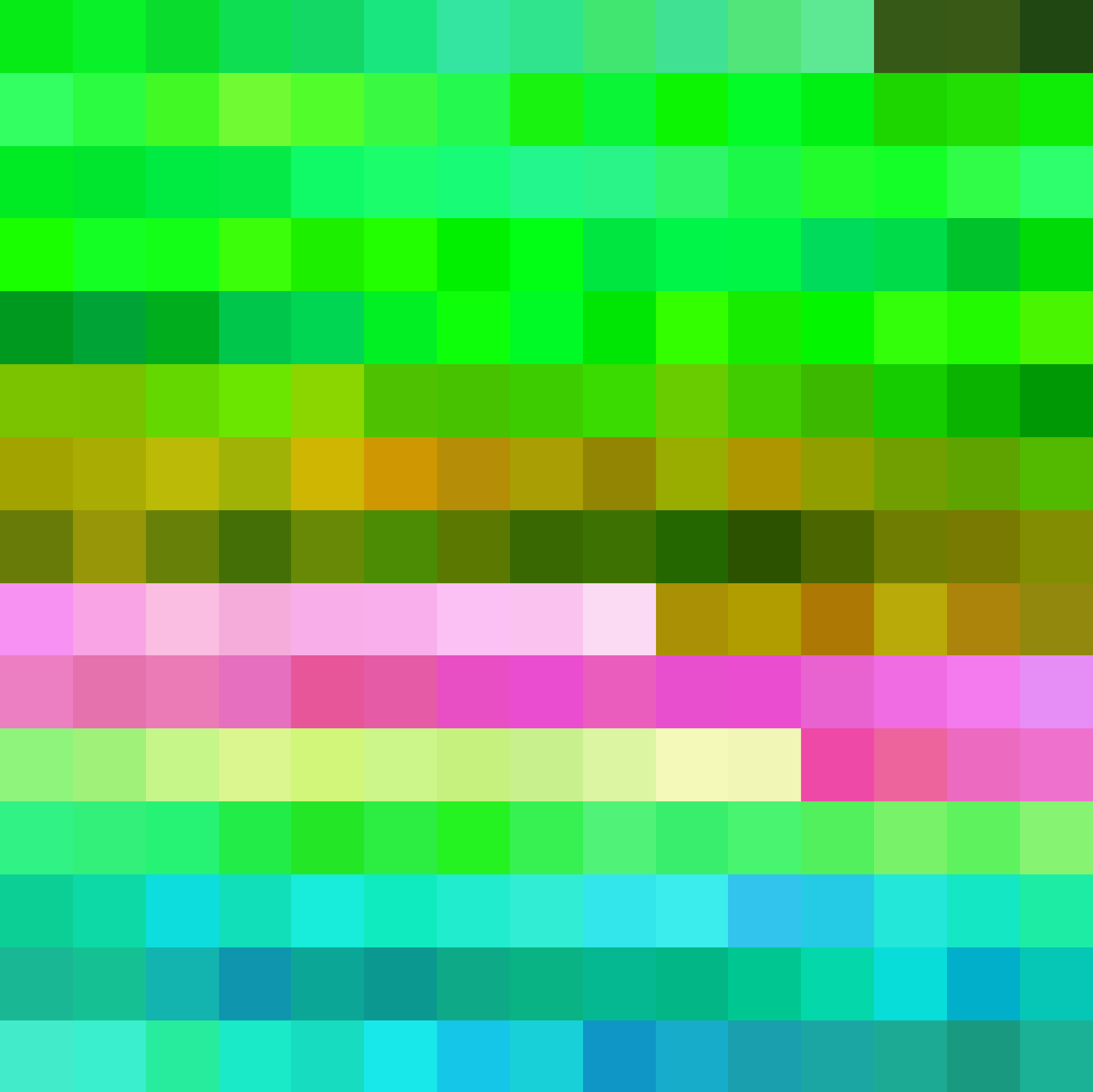
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, a bit of yellow, a bit of magenta, a little bit of lime, a tiny bit of rose, a tiny bit of orange, a tiny bit of purple, and a tiny bit of blue in it.
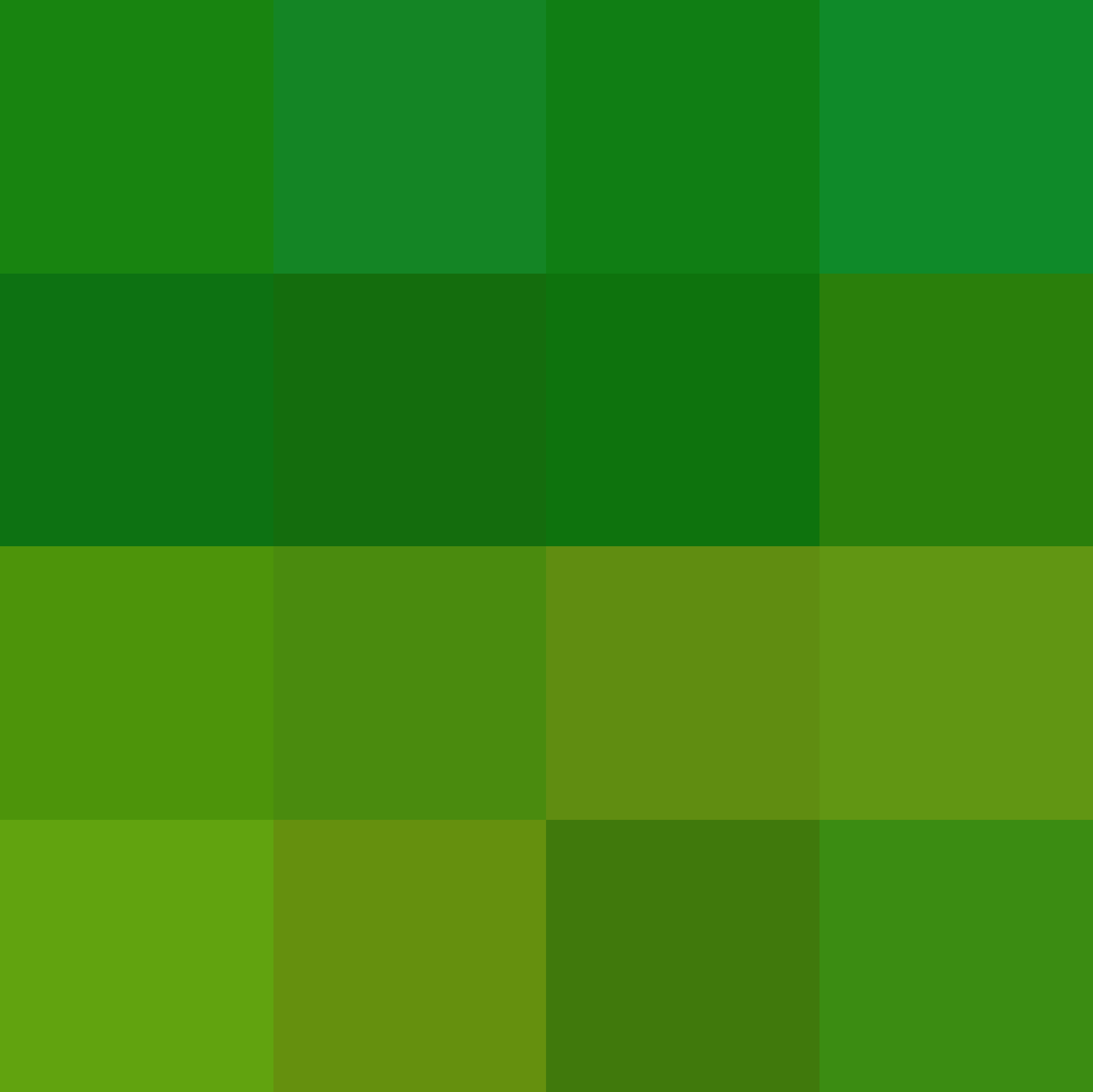
This monochrome gradient, generated in this 4 by 4 pixel grid, is green.
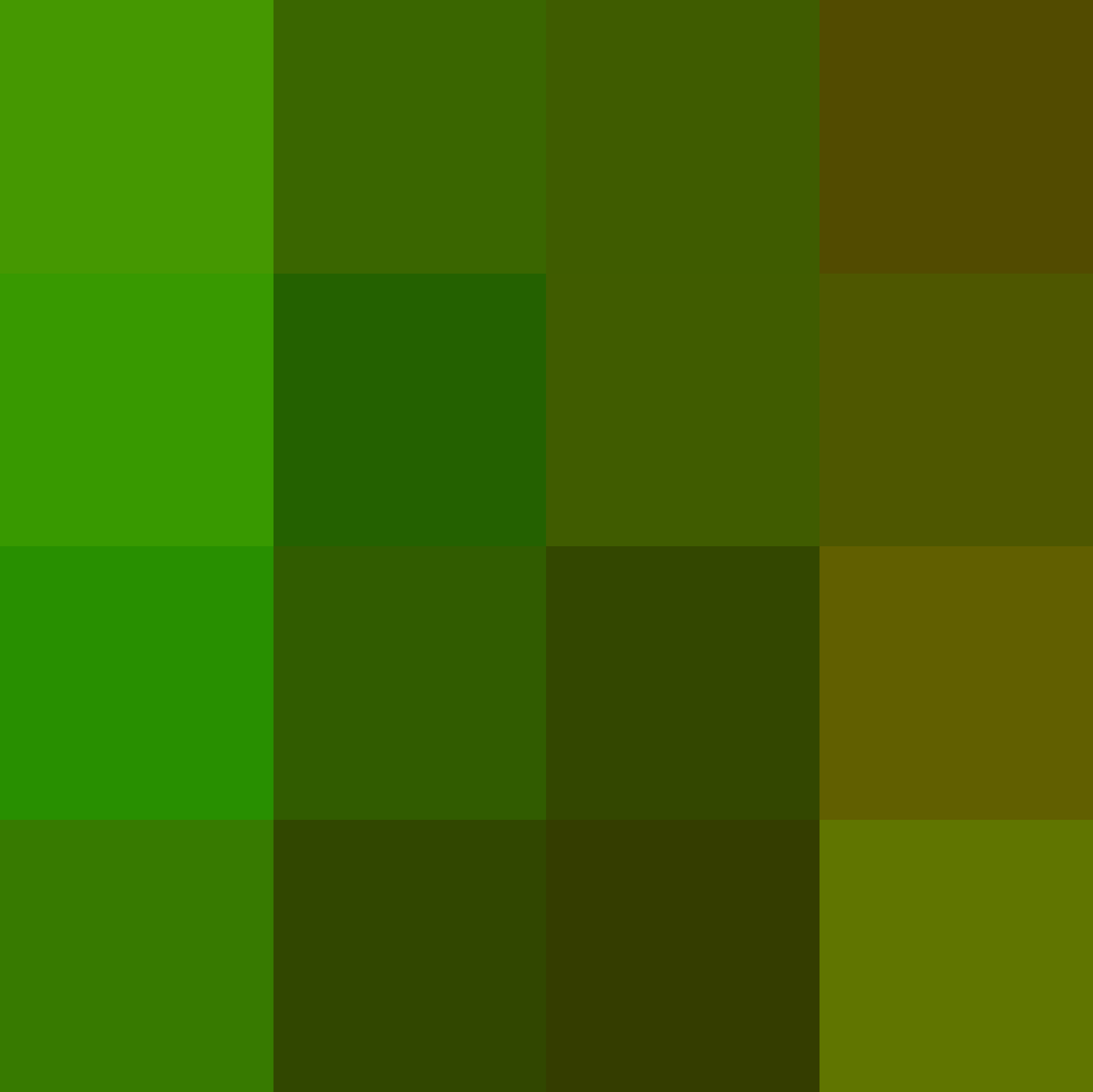
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly green, and it also has quite some lime, and quite some yellow in it.

Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly magenta, and it also has some indigo, some rose, some purple, a bit of red, and a tiny bit of violet in it.
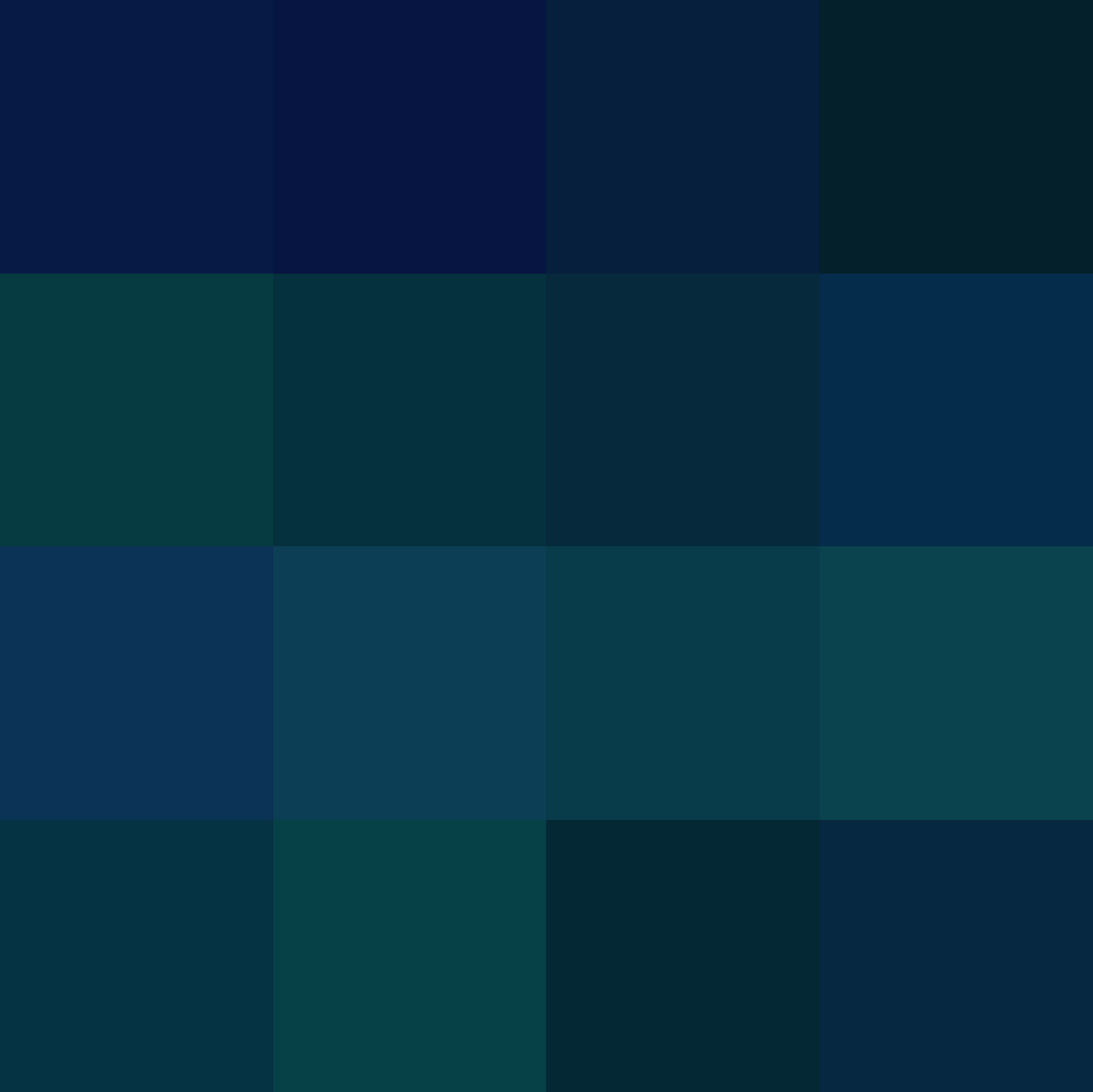
The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly yellow, but it also has quite some orange, some red, some green, a bit of lime, a bit of rose, and a tiny bit of magenta in it.

This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly blue, but it also has some green, some orange, some indigo, some yellow, a bit of cyan, a little bit of lime, a little bit of violet, a little bit of purple, a tiny bit of red, and a tiny bit of magenta in it.
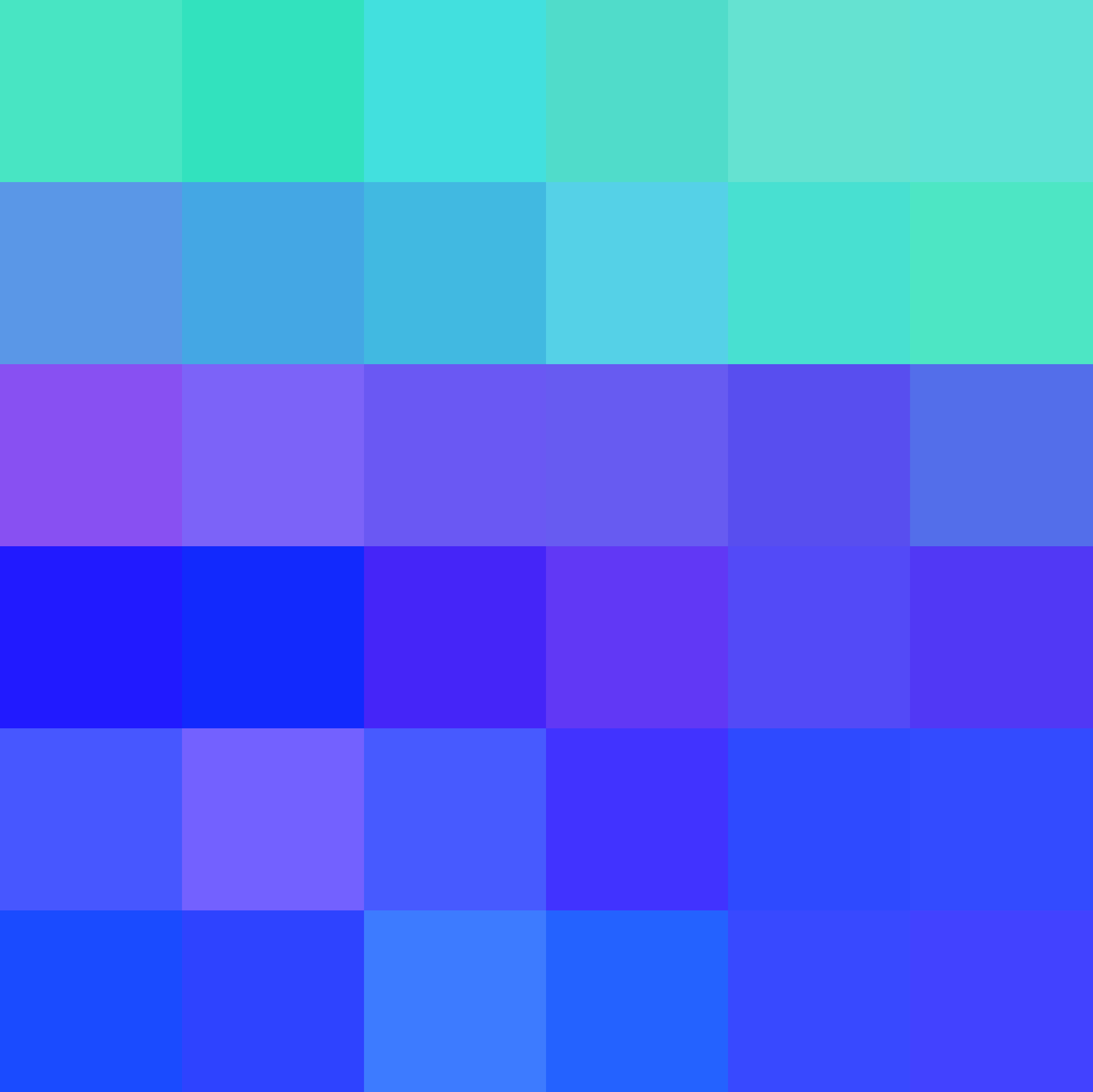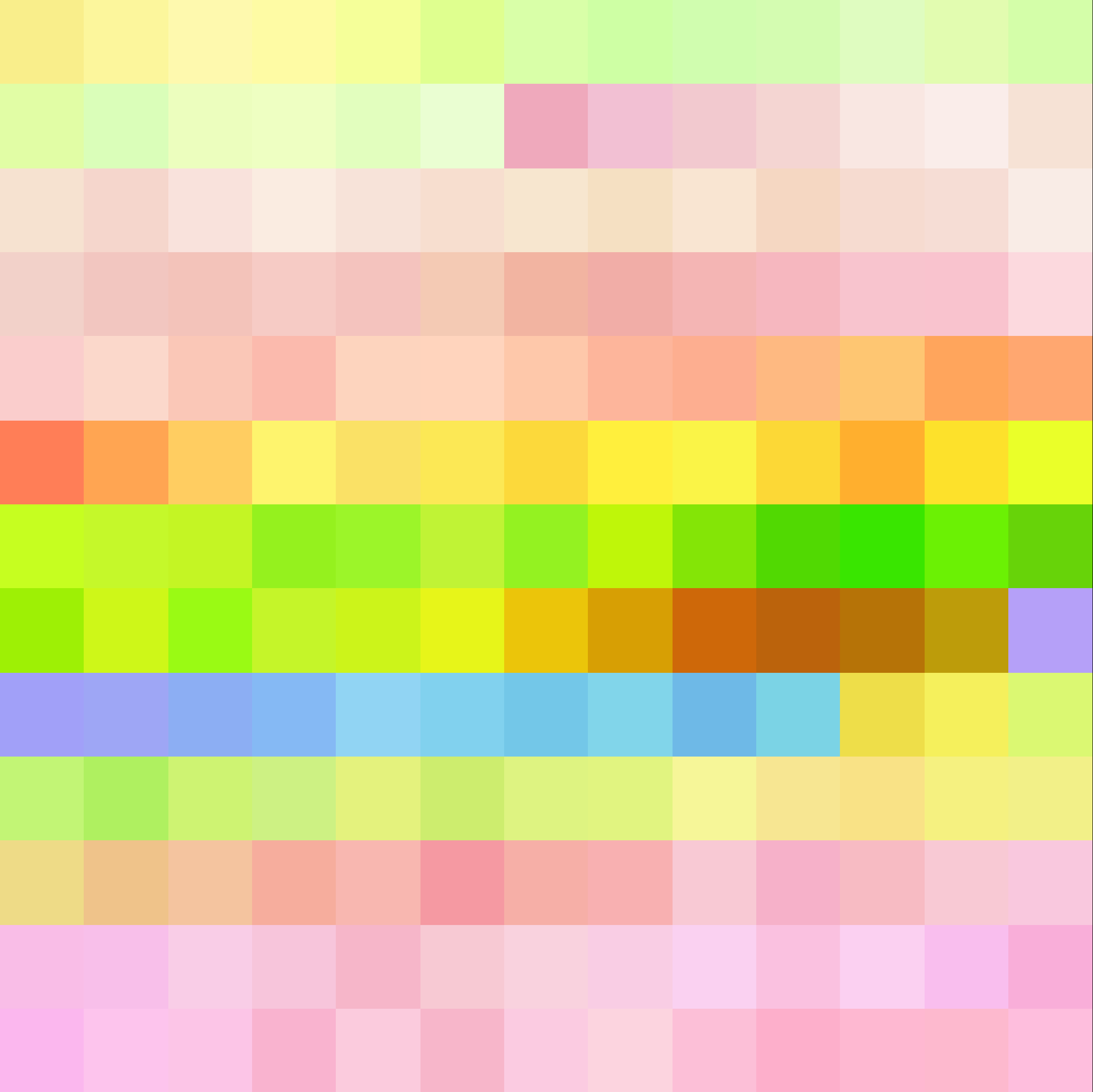
The cells in this 6 by 6 pixel grid form a gradient. It is mostly blue, and it also has quite some indigo, quite some cyan, and a little bit of violet in it.

The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly blue, but it also has quite some cyan in it.

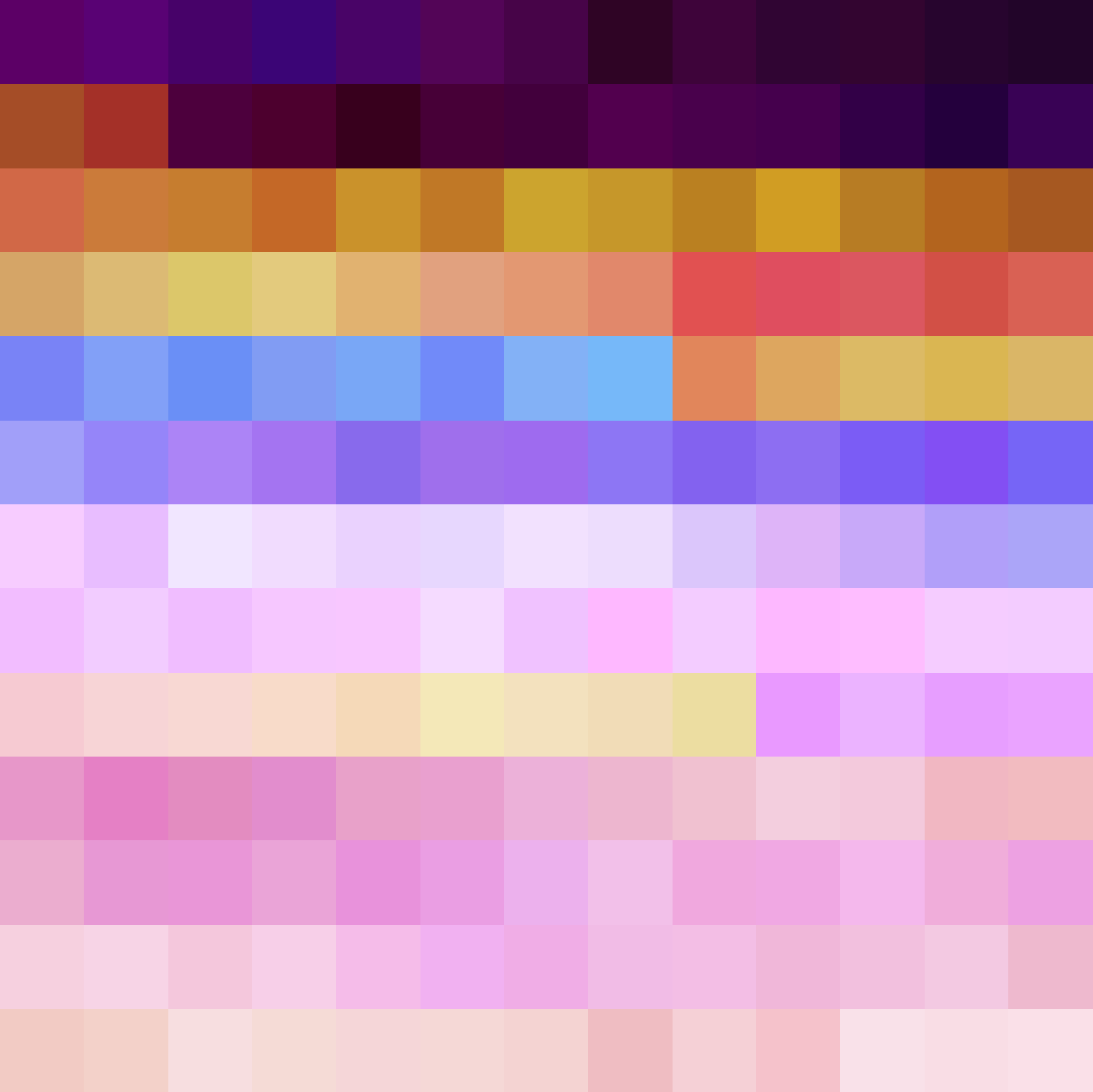A grid of 25 blocks. It's mostly orange, but it also has some red, and some yellow in it.

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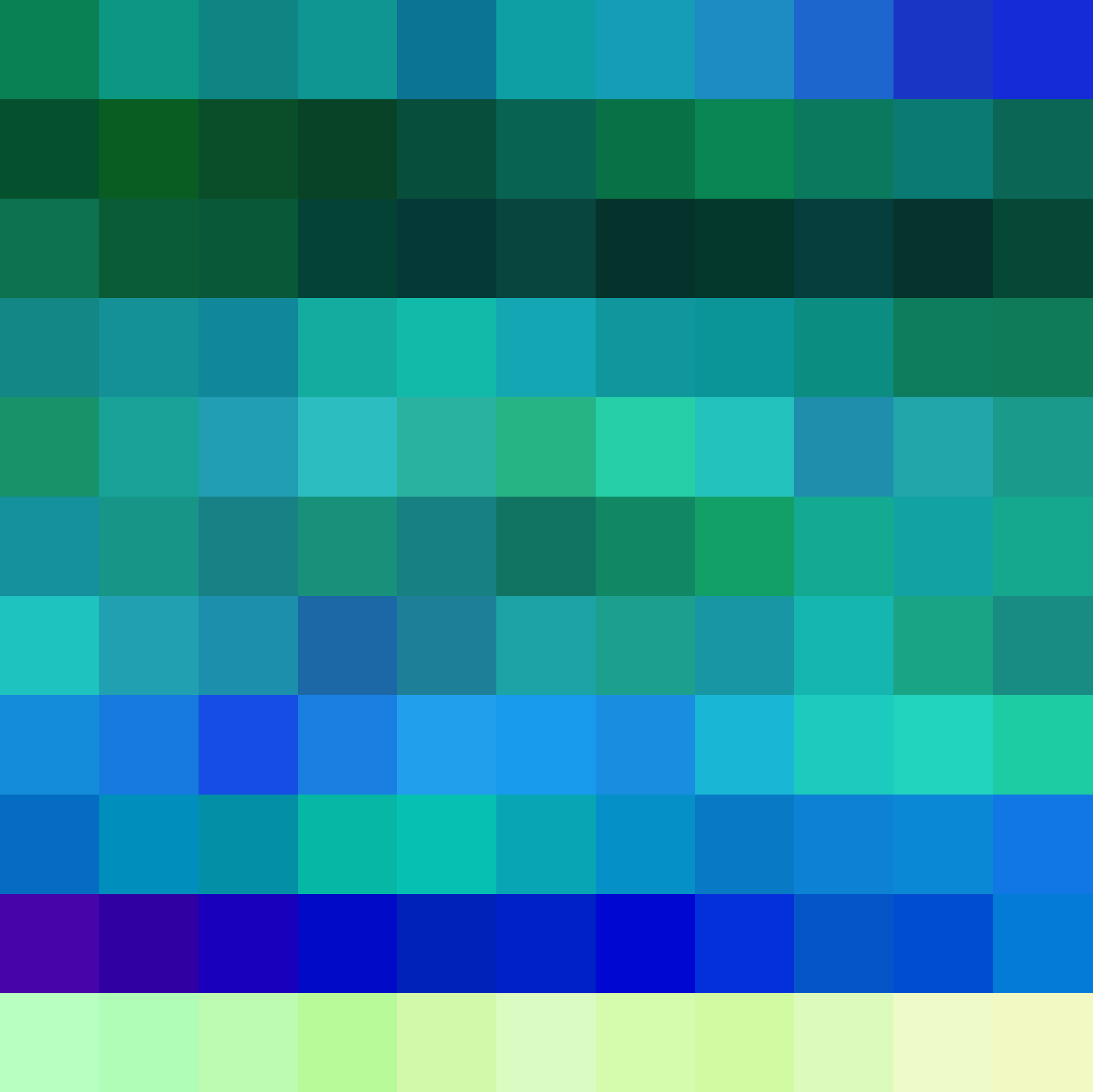
There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly cyan, but it also has quite some blue, quite some green, a tiny bit of indigo, a tiny bit of violet, a tiny bit of yellow, and a tiny bit of lime in it.

Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly green, and it also has some lime, and some yellow in it.

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

The colourful gradient in this 7 by 7 pixel grid is mostly cyan, and it also has quite some blue, quite some green, some yellow, and a tiny bit of orange in it.
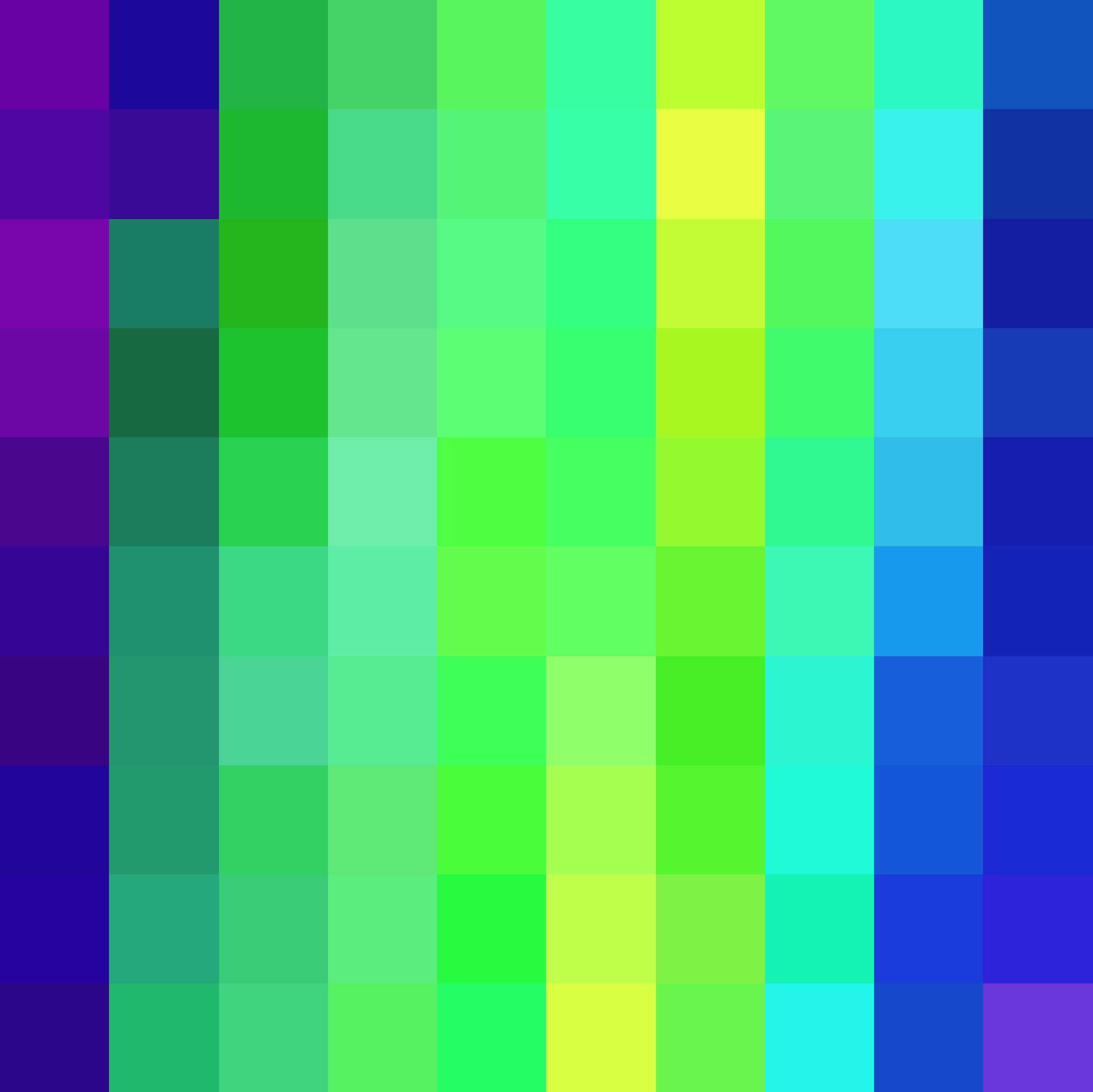
Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has quite some orange, a bit of yellow, a bit of cyan, a little bit of blue, and a tiny bit of lime in it.

There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly blue, and it also has quite some red, some cyan, a bit of orange, a little bit of green, a tiny bit of yellow, a tiny bit of rose, and a tiny bit of indigo in it.

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

A very, very colourful grid of 100 blocks. It's mostly green, but it also has some blue, a bit of indigo, a bit of cyan, a little bit of purple, a little bit of violet, a little bit of lime, and a tiny bit of yellow in it.
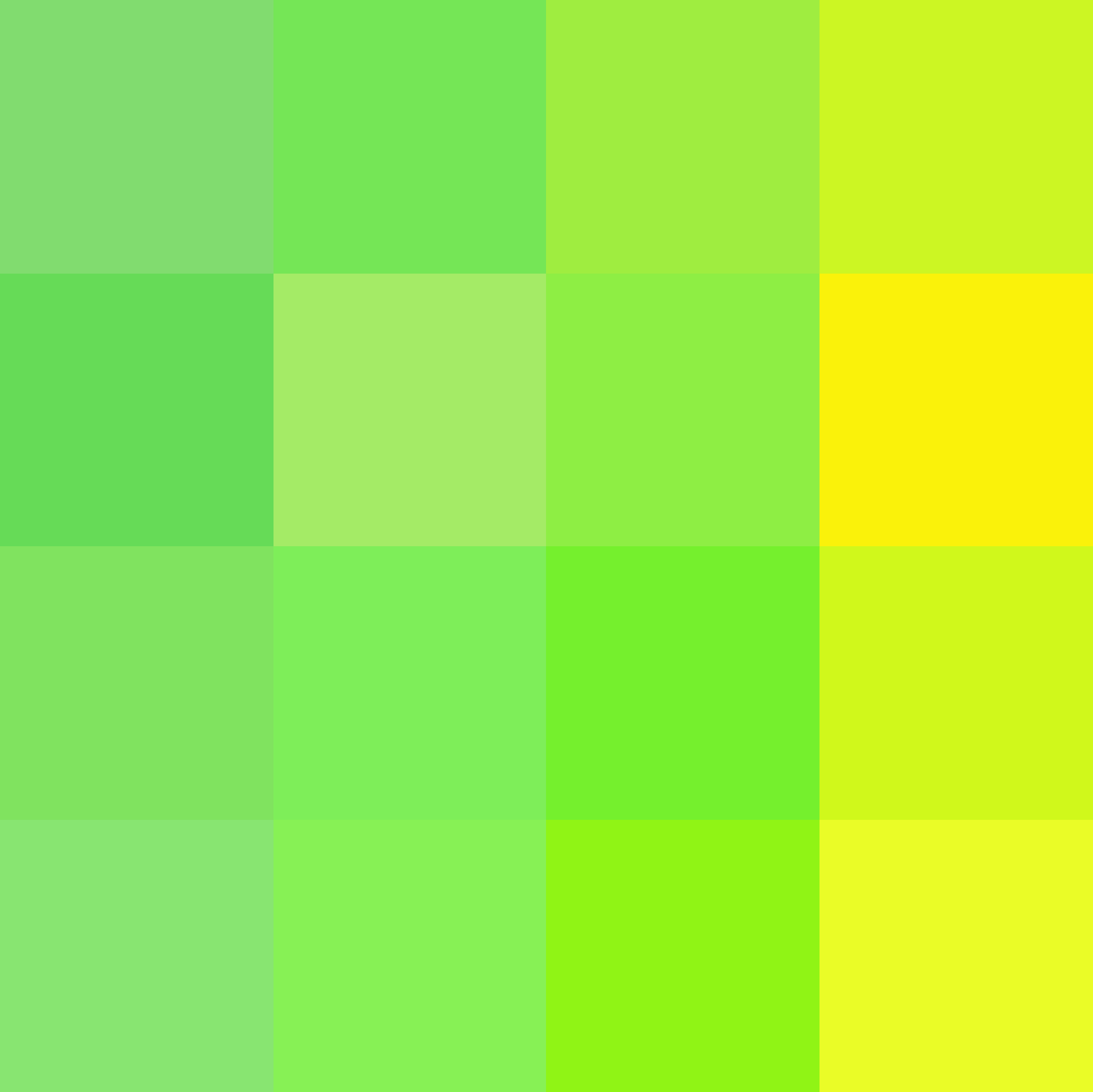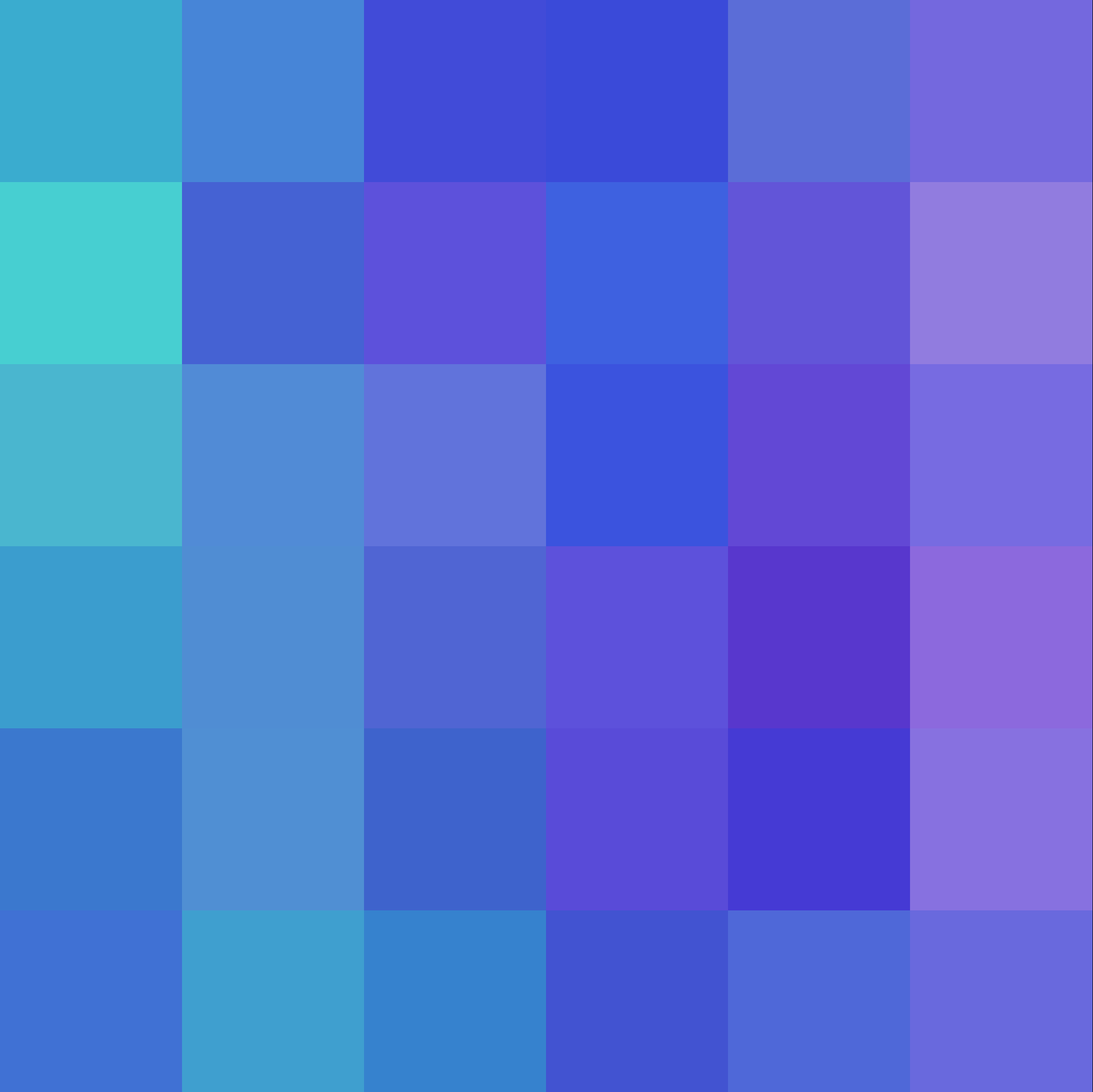
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly green, but it also has some lime, and some yellow in it.
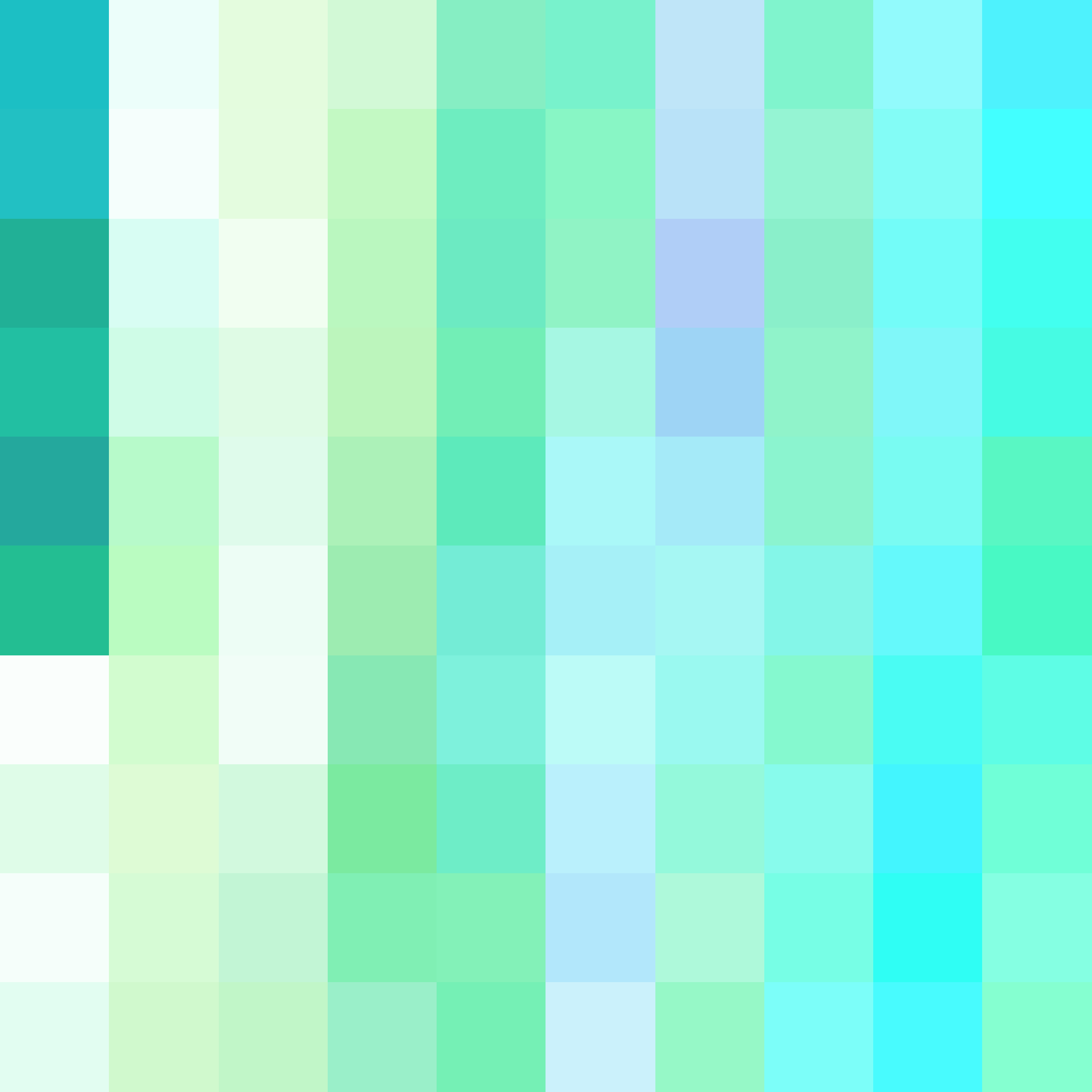
This gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has quite some cyan, and a little bit of blue in it.
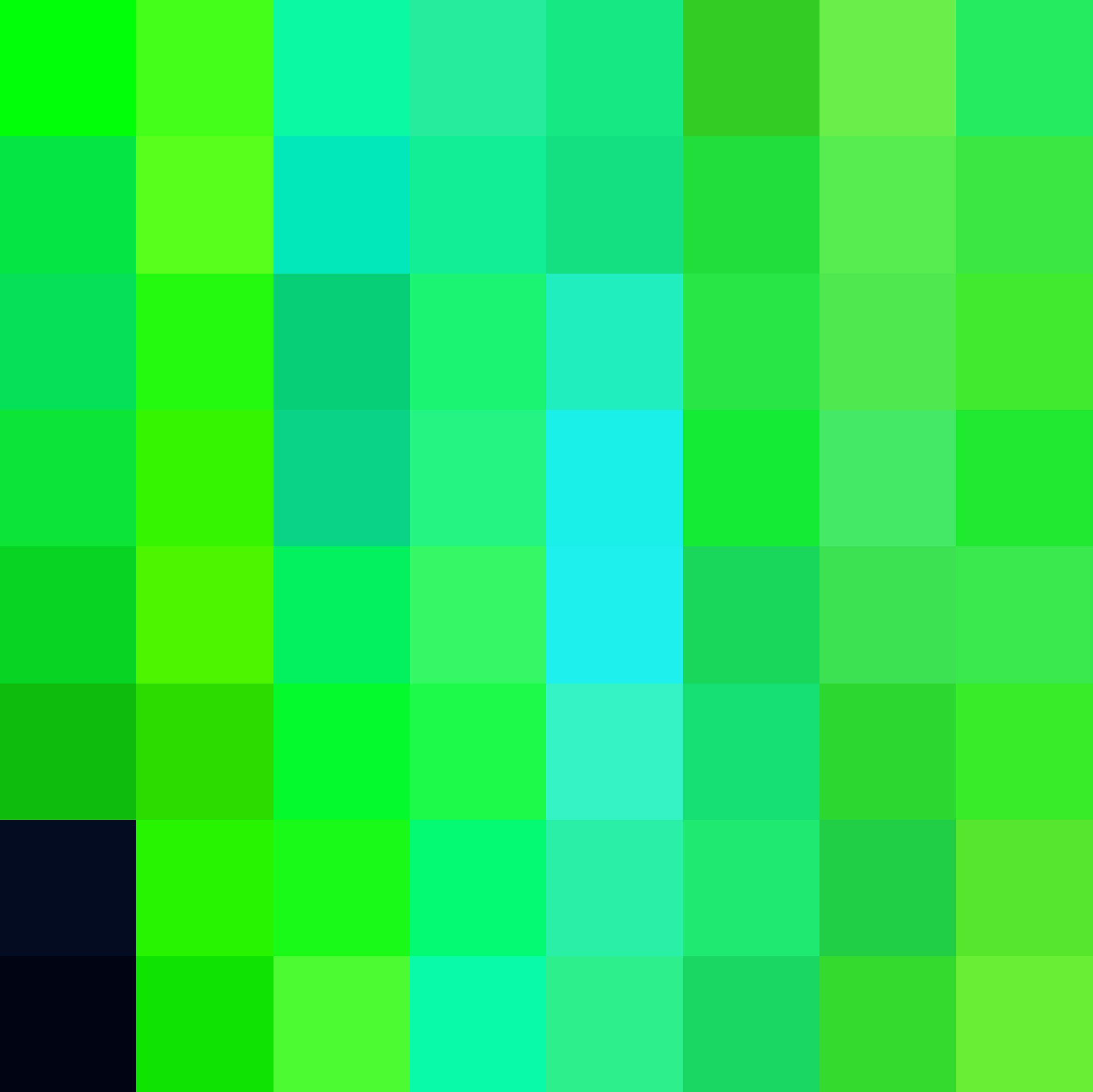
Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly green, but it also has a bit of cyan, and a little bit of blue in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some indigo, and a little bit of cyan in it.
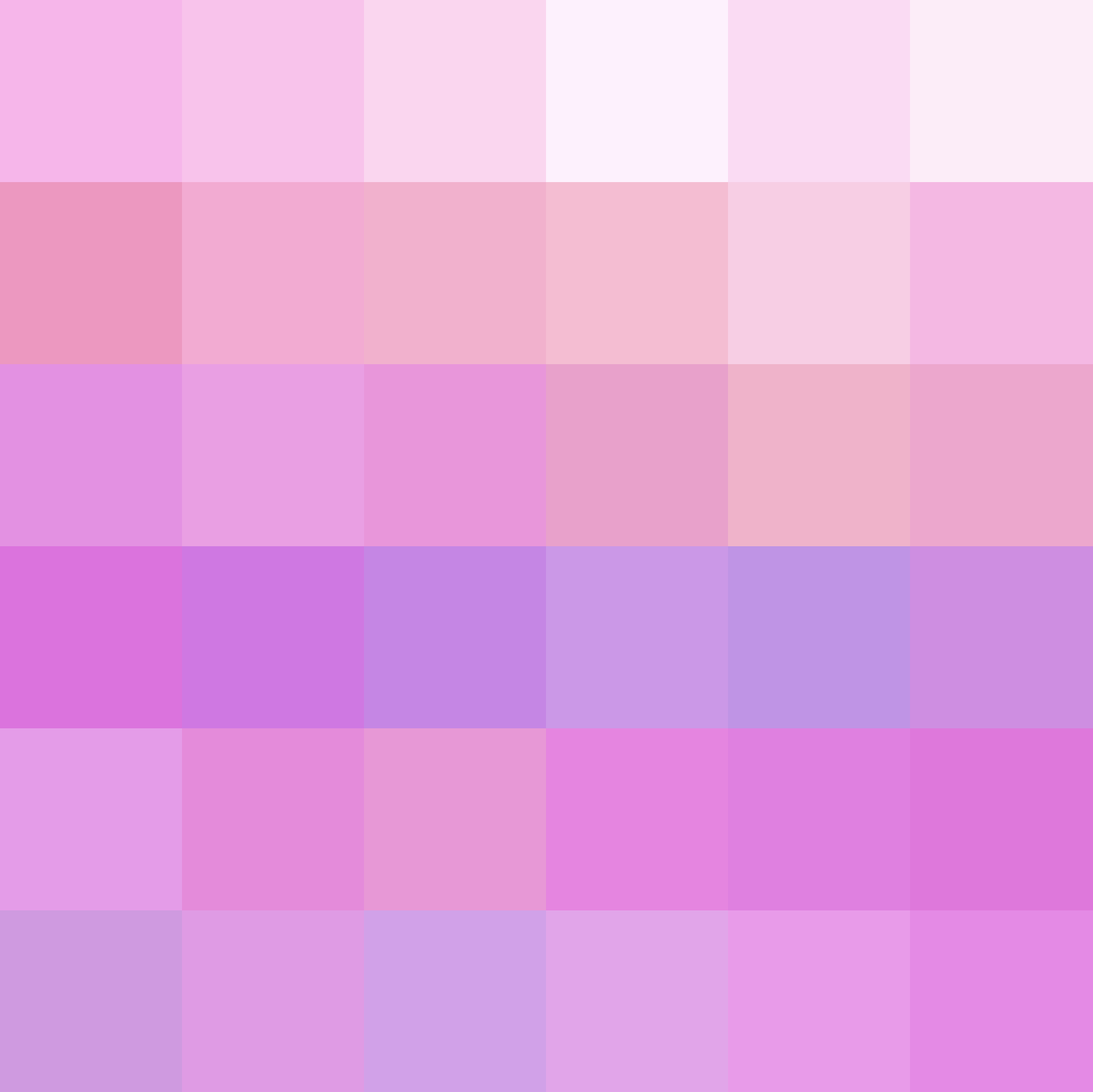
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly magenta, and it also has some rose, and some purple in it.
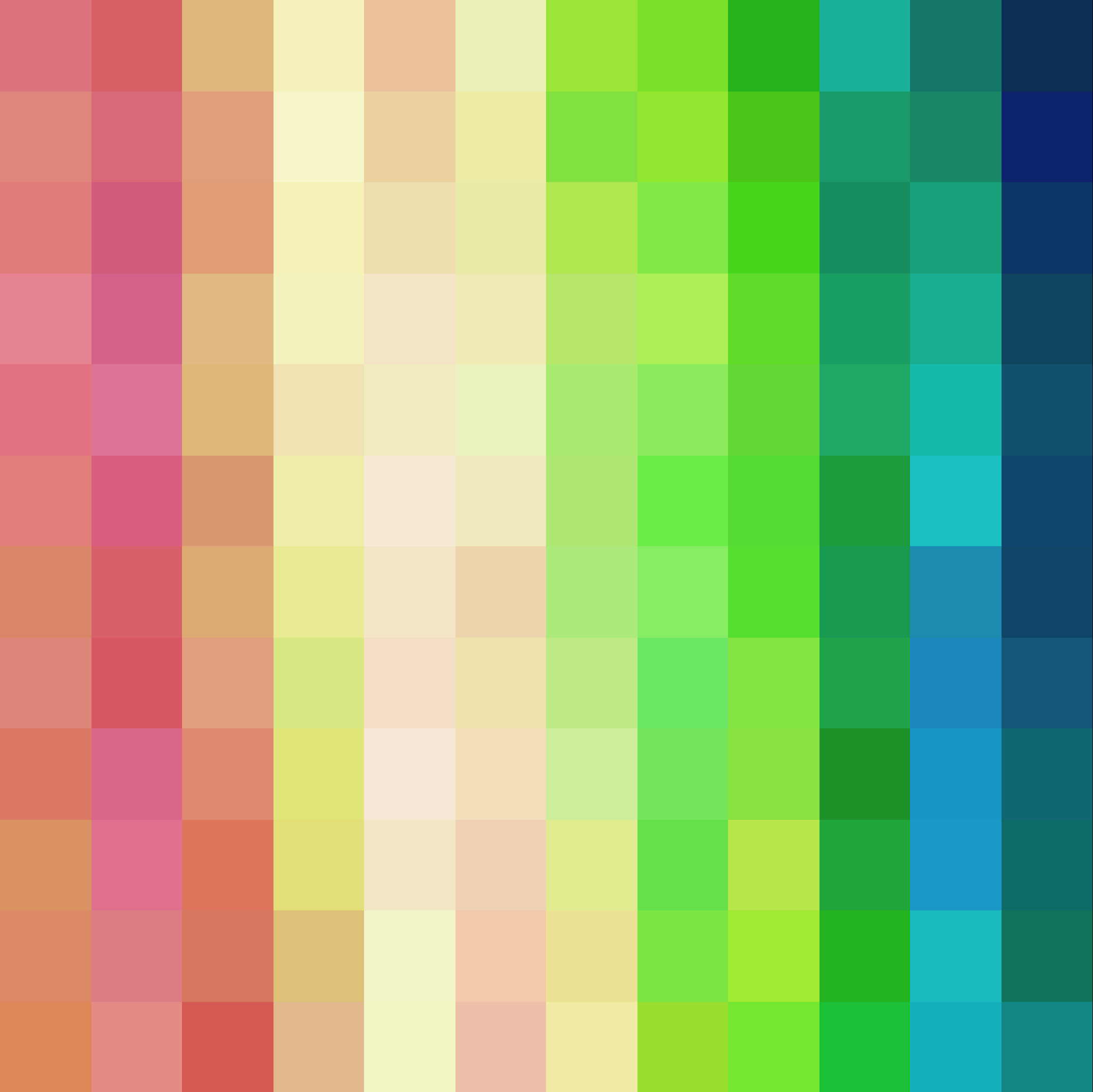
A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some orange, some red, some yellow, a bit of cyan, a bit of blue, and a tiny bit of lime in it.

An 11 by 11 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 red, some orange, some indigo, a bit of violet, a bit of rose, a little bit of purple, and a tiny bit of yellow in it.
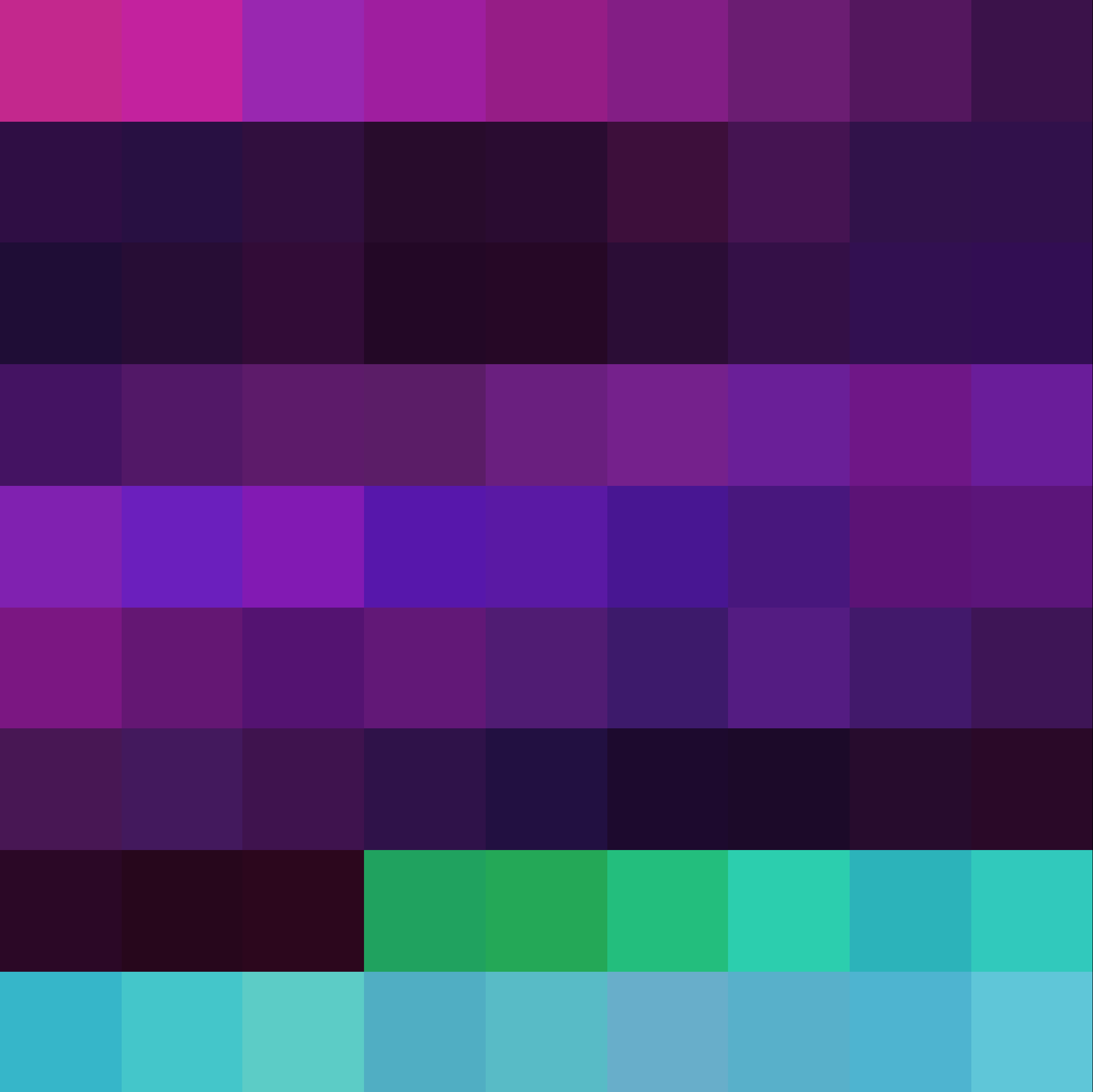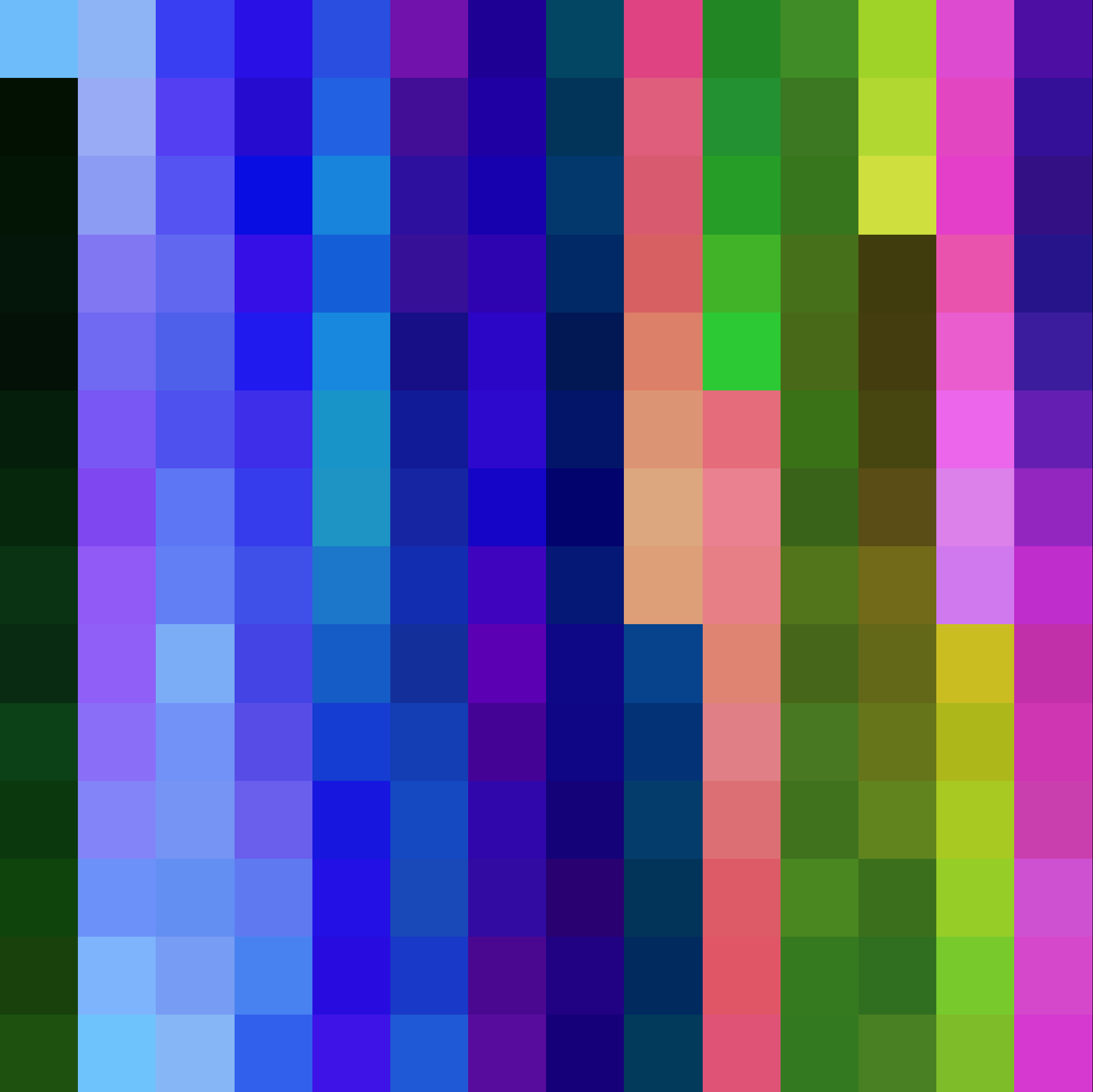
There's a very colourful pixel gradient in this 9 by 9 grid. It is mostly purple, and it also has quite some magenta, some violet, some cyan, a little bit of green, and a tiny bit of blue in it.

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 some green in it.

A very colourful grid of 81 blocks. It's mostly magenta, but it also has quite some blue, some purple, a bit of violet, a little bit of cyan, and a tiny bit of indigo in it.
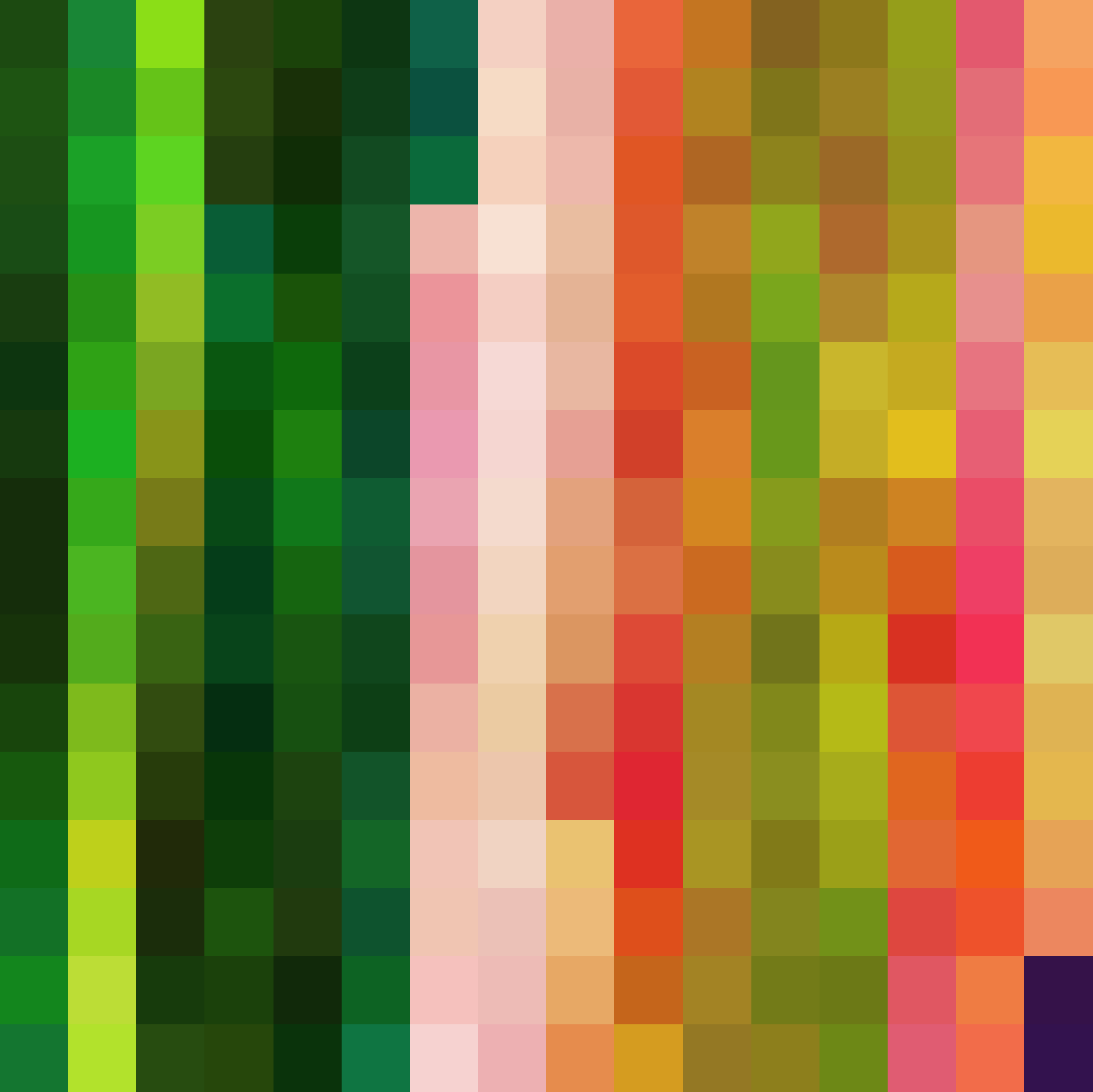
The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has quite some indigo, quite some green, a bit of red, a bit of magenta, a little bit of yellow, a little bit of violet, a little bit of purple, a tiny bit of orange, and a tiny bit of lime in it.
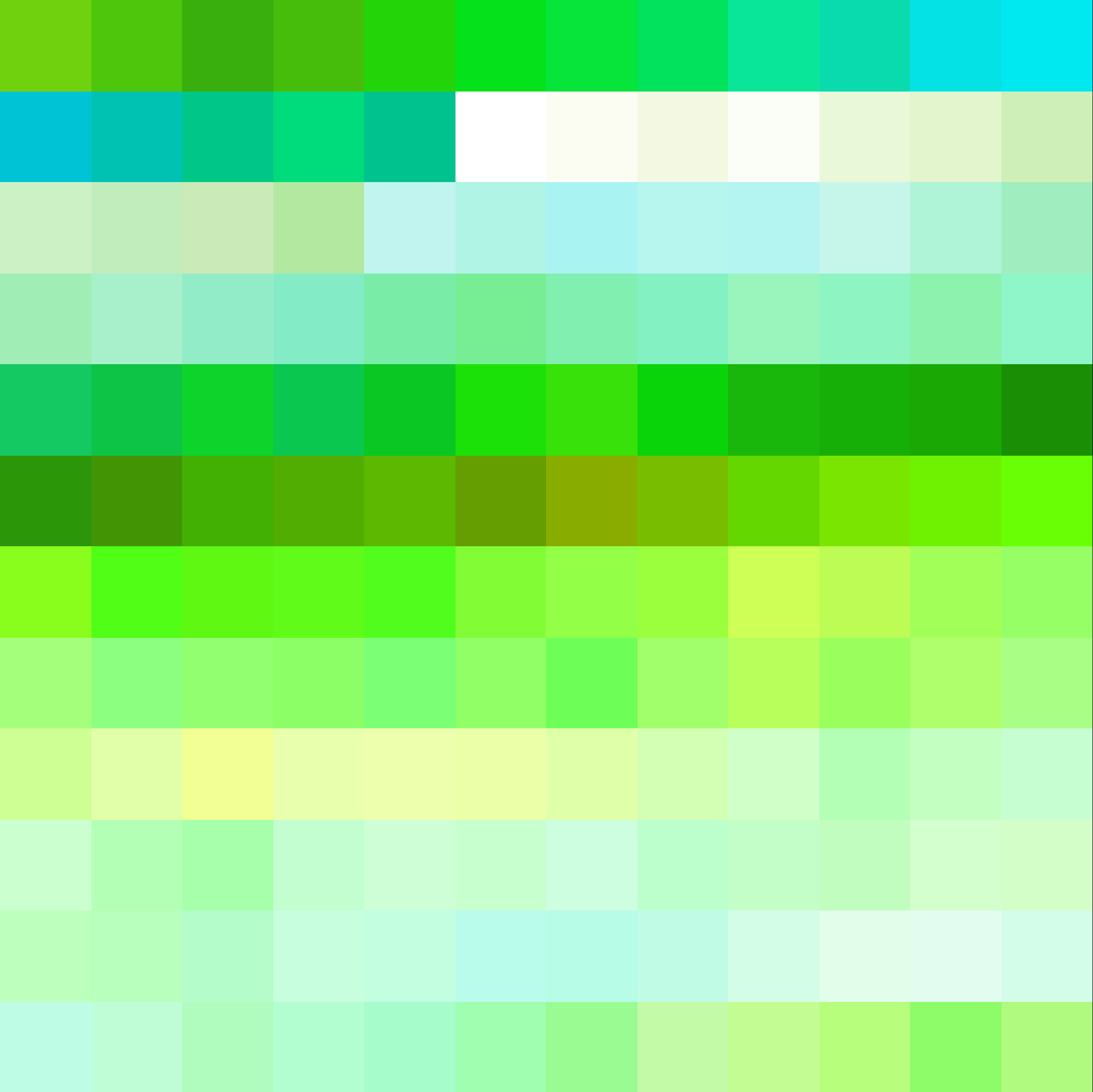
A grid of 144 blocks. It's mostly green, and it also has a bit of cyan, a little bit of lime, and a tiny bit of yellow in it.
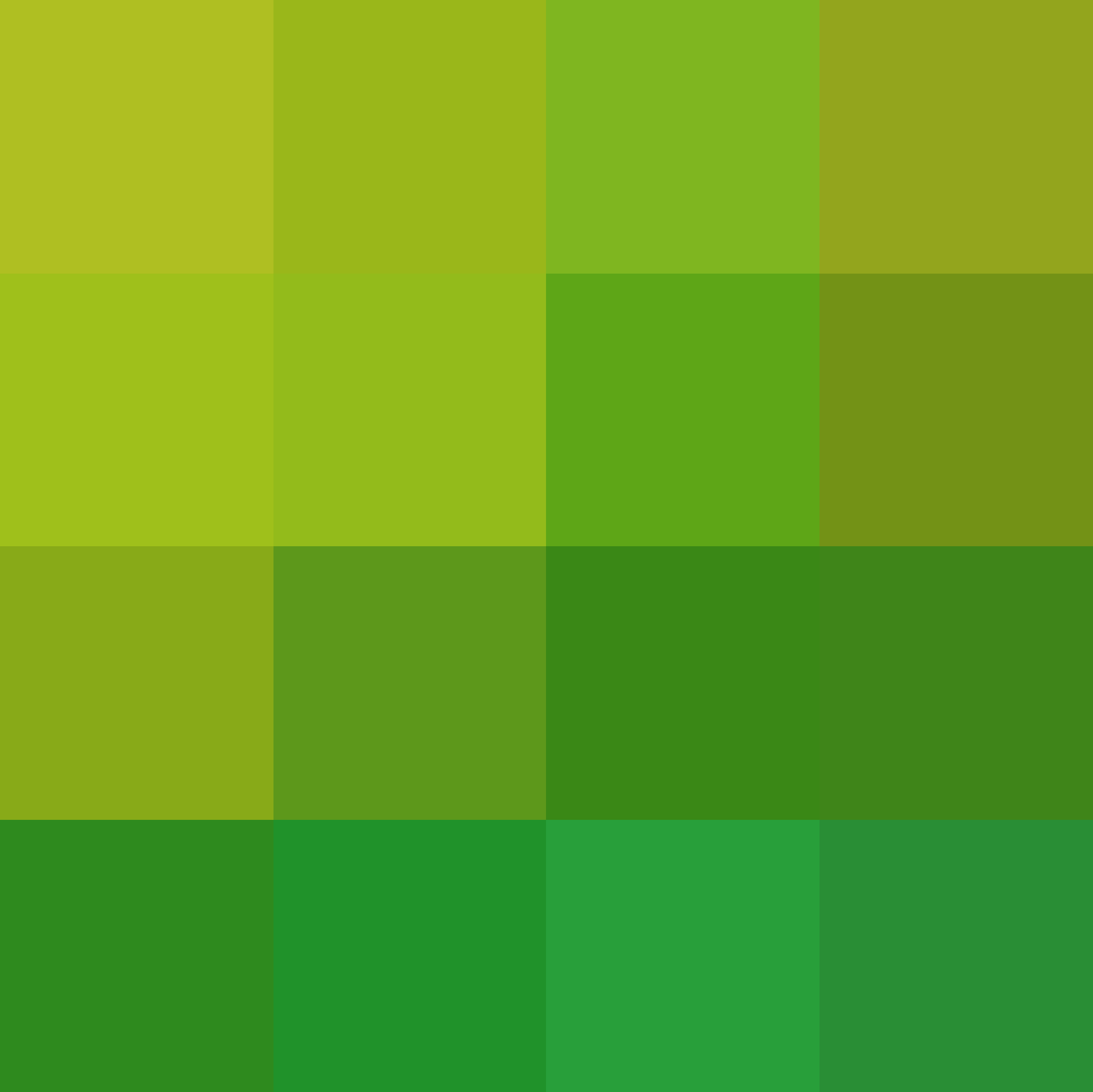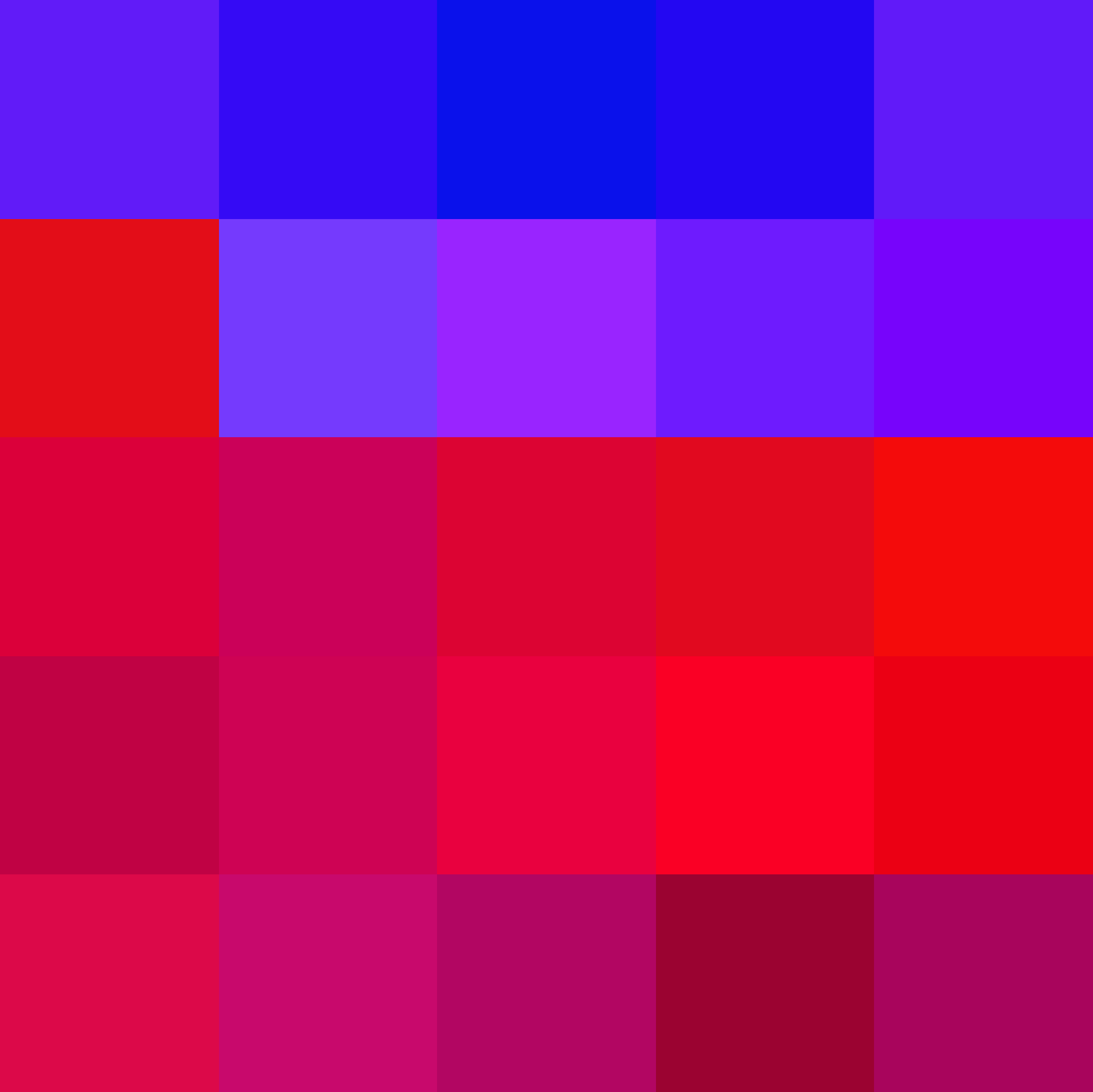
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly green, and it also has quite some lime, and some yellow in it.
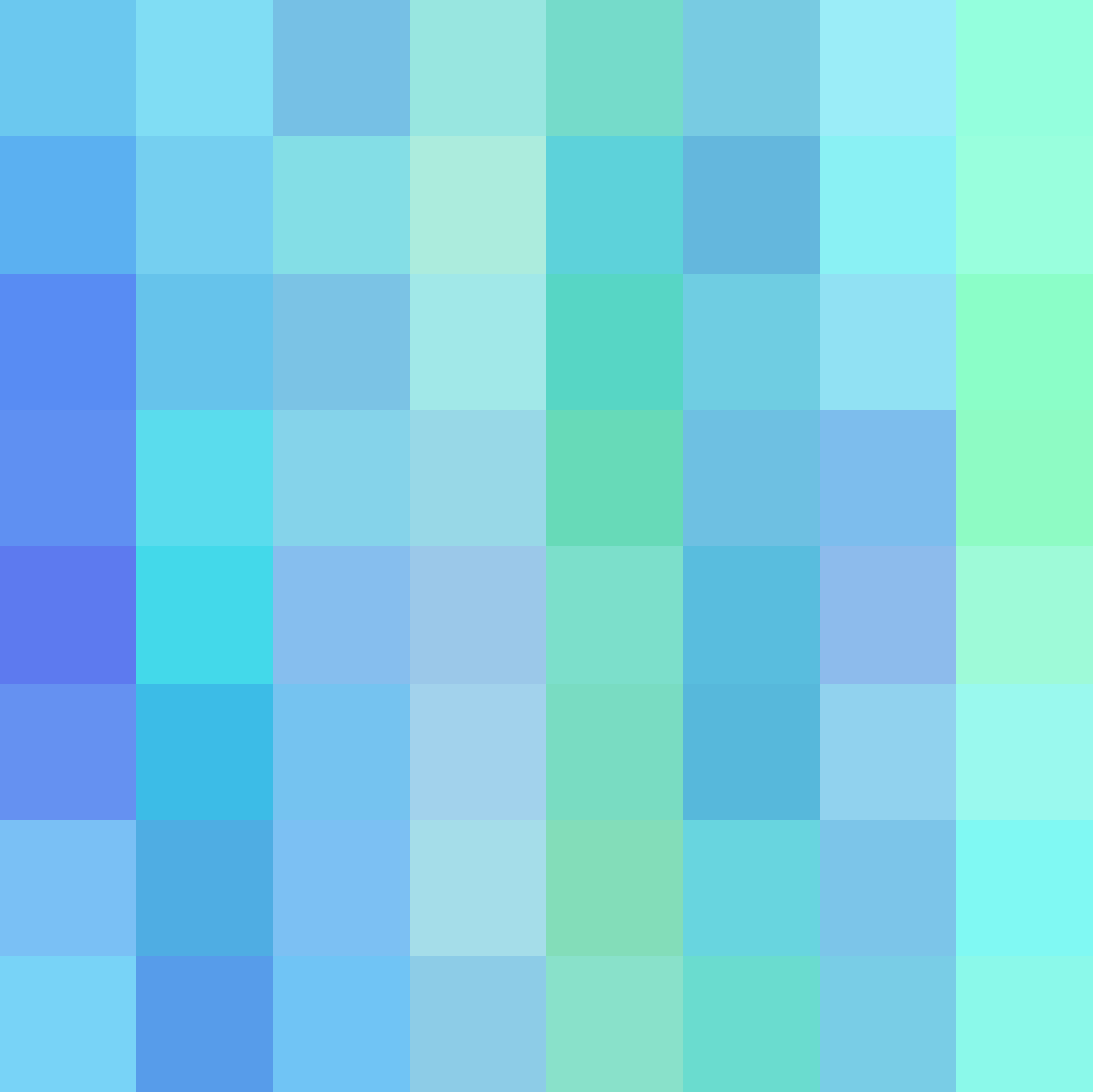
The cells in this 16 by 16 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some orange, quite some red, some yellow, a little bit of lime, a tiny bit of purple, and a tiny bit of cyan in it.
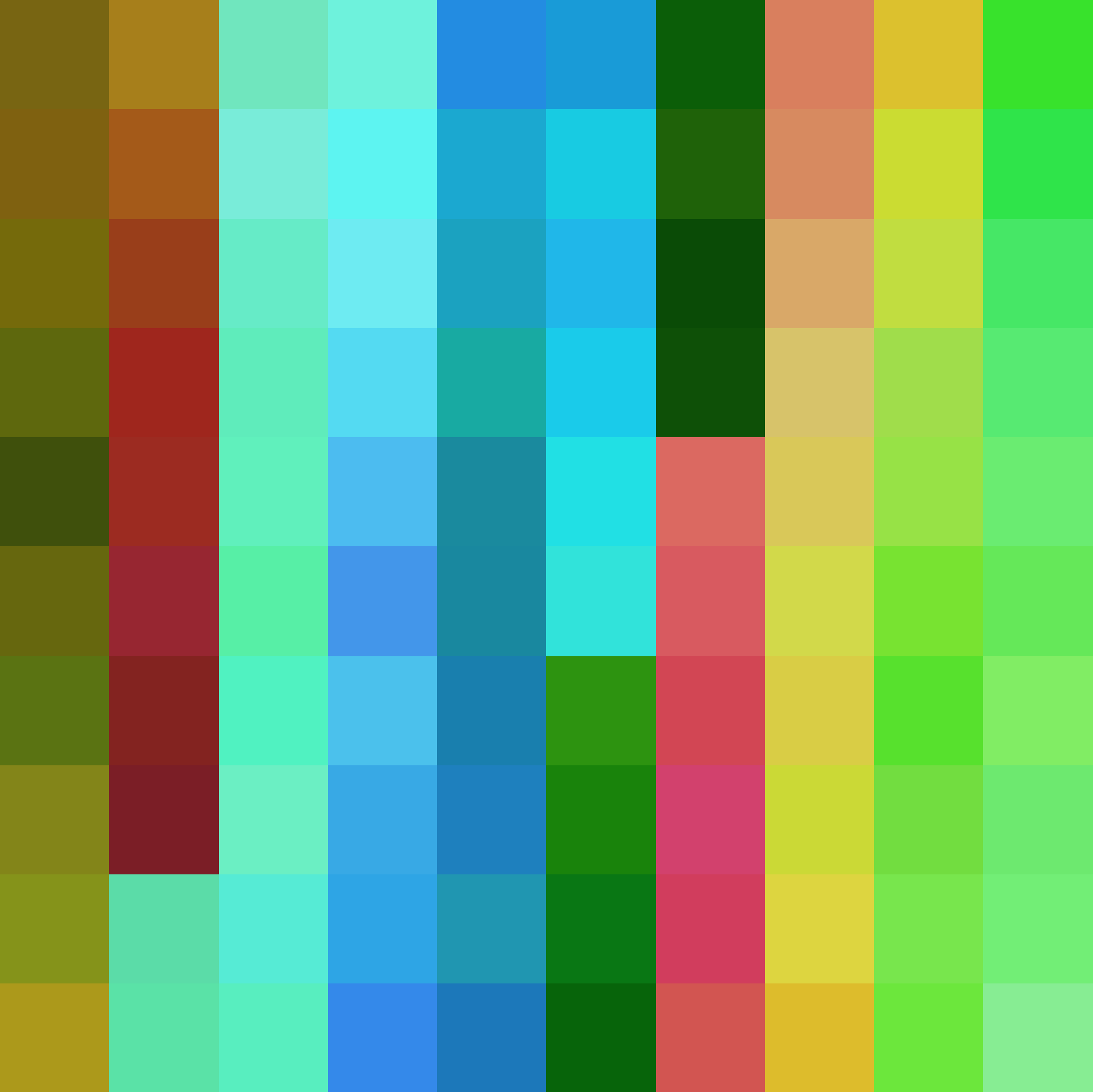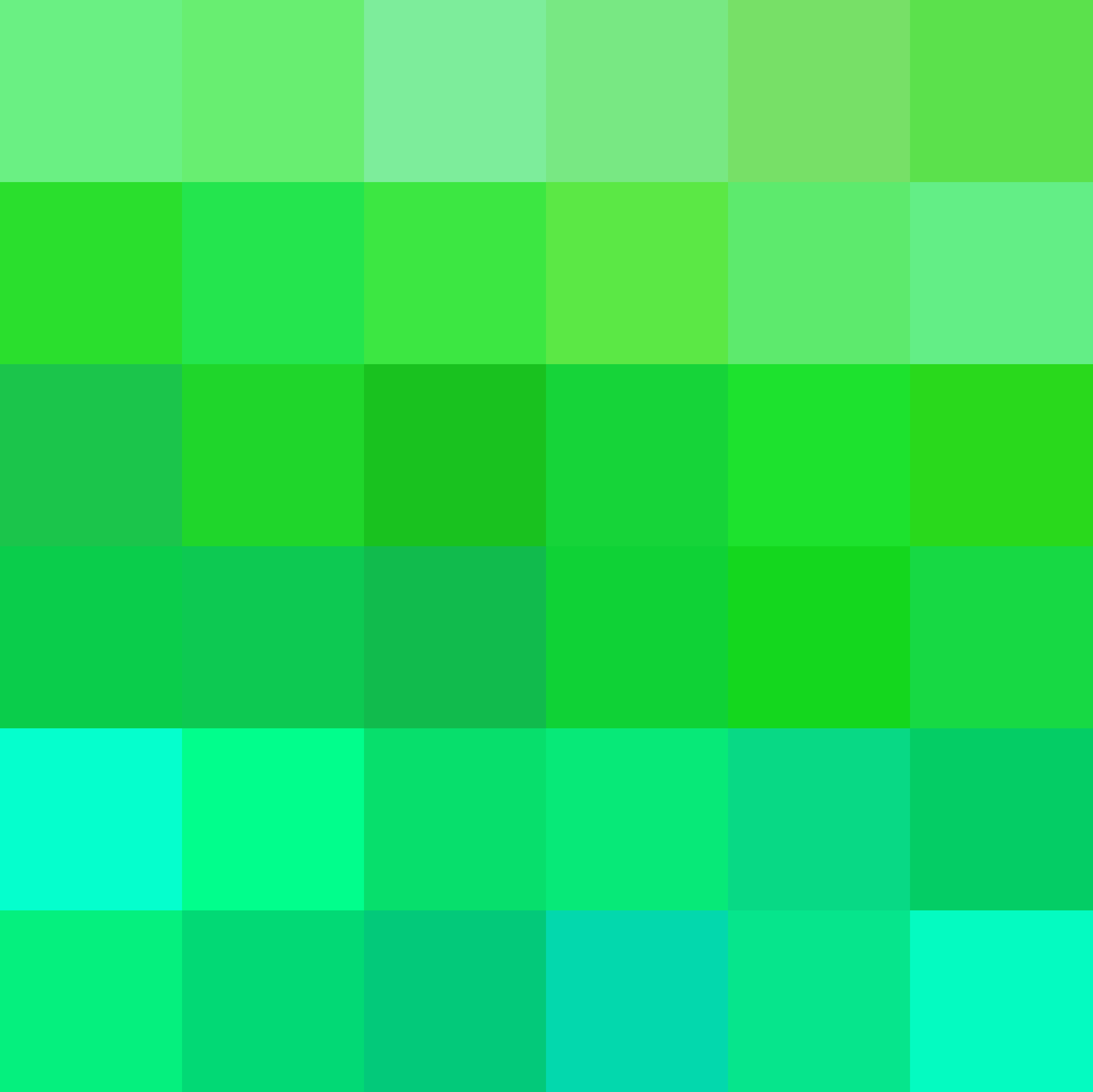
This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, and it also has some cyan, some yellow, some blue, some red, a bit of orange, and a little bit of lime in it.
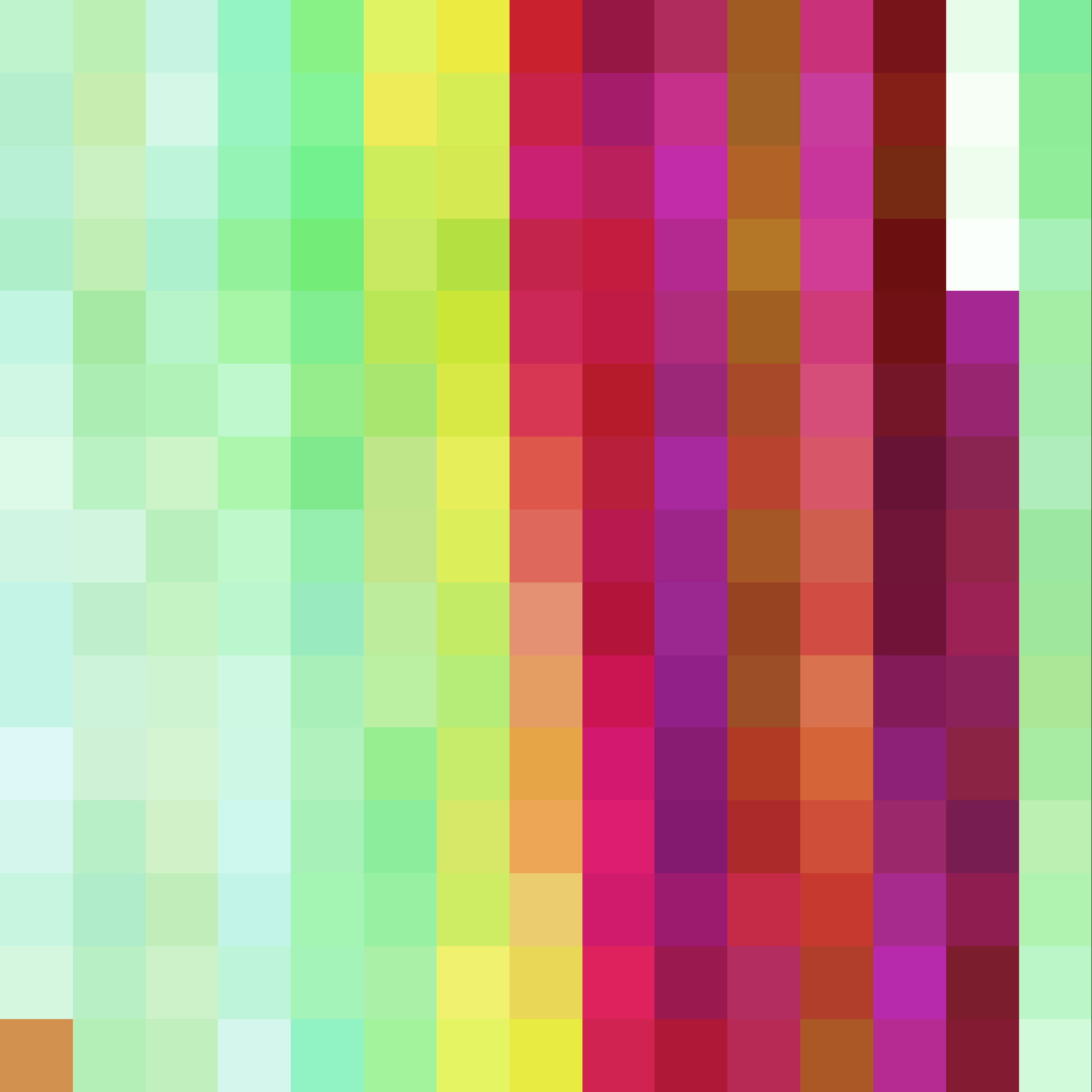
This very colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly rose, and it also has quite some red, quite some indigo, a bit of violet, a little bit of blue, and a little bit of purple in it.
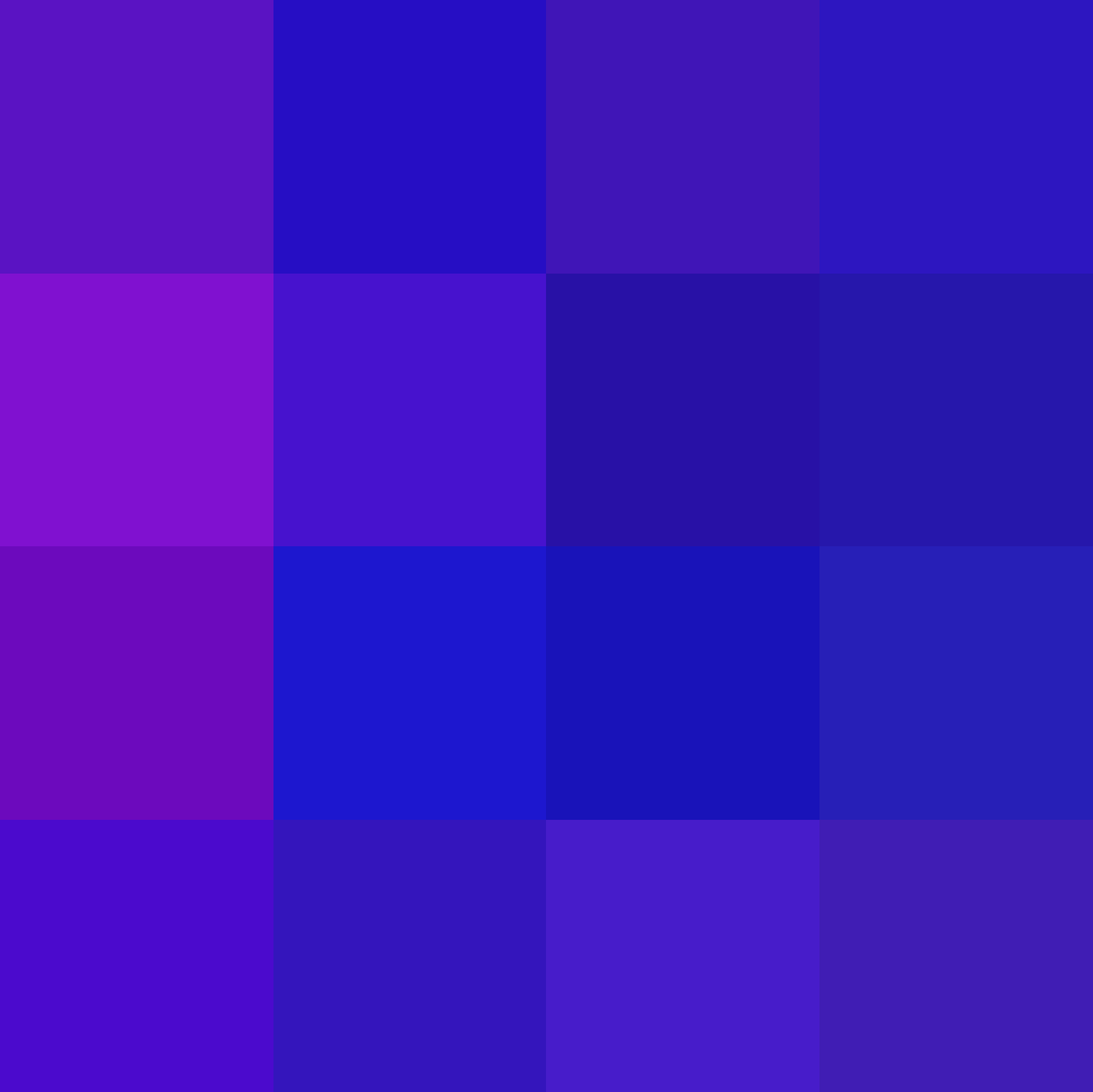
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some cyan, and some green in it.

This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, and it also has a bit of cyan in it.
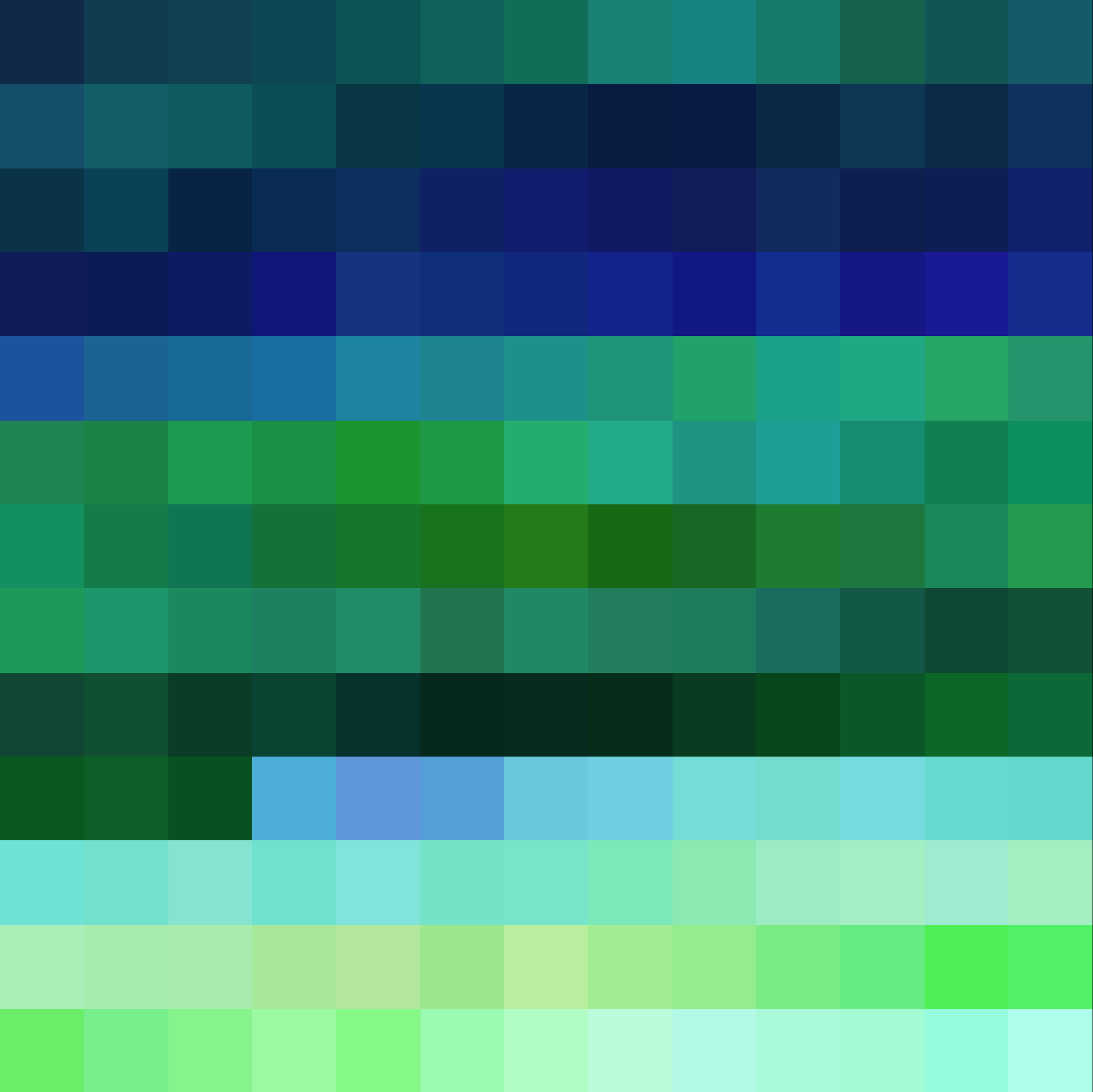
The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some red, a bit of orange, a little bit of yellow, a little bit of lime, and a tiny bit of cyan in it.

The cells in this 4 by 4 pixel grid form a gradient. It is mostly indigo, and it also has some purple, and a little bit of violet in it.
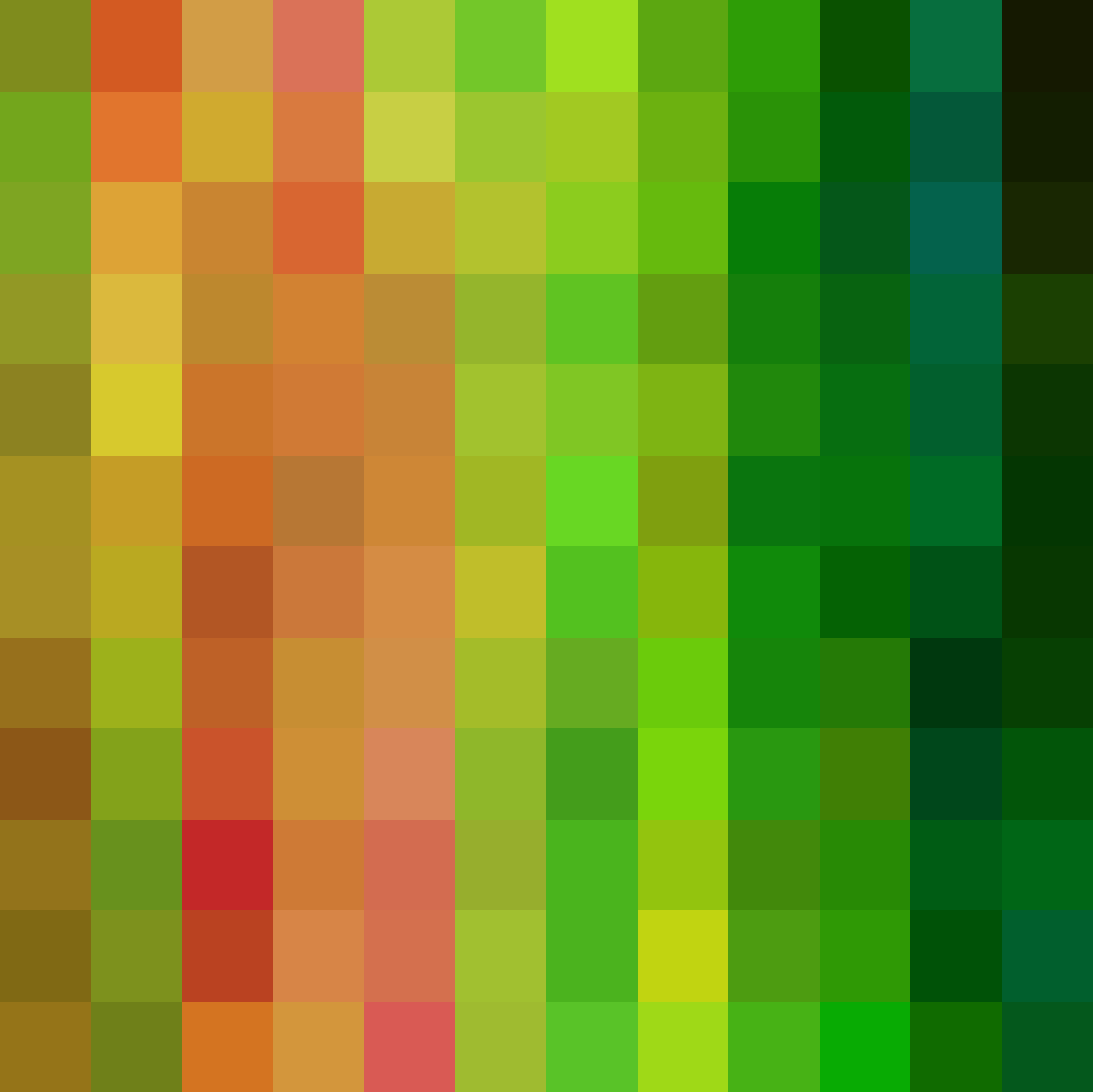
The very colourful gradient in this 12 by 12 pixel grid is mostly green, and it also has quite some orange, some yellow, some lime, a little bit of red, and a tiny bit of cyan in it.

There's a pixel gradient in this 13 by 13 grid. It is mostly green, but it also has quite some blue, and quite some cyan in it.
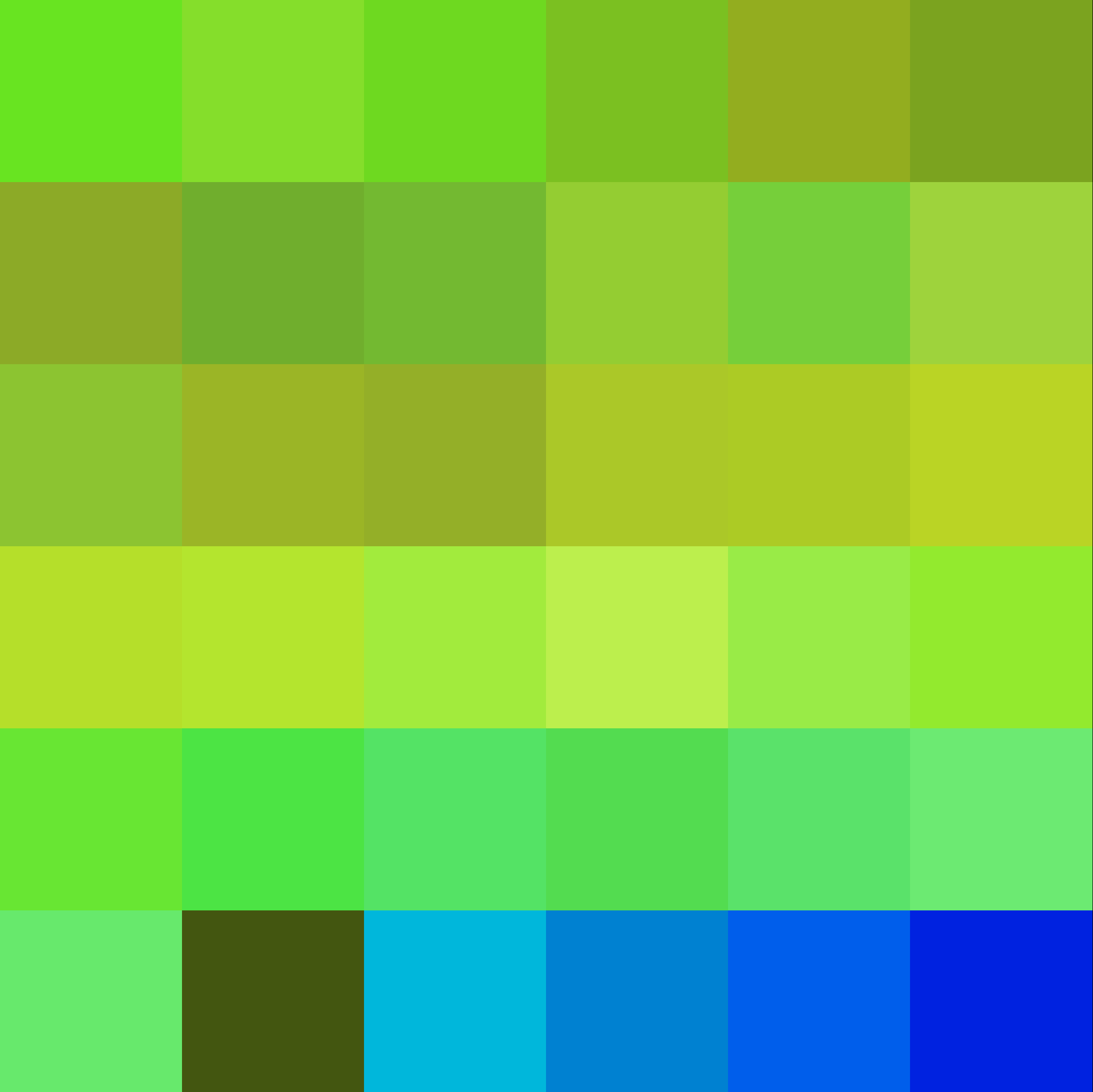
A 6 by 6 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some lime, a bit of blue, a little bit of yellow, and a little bit of cyan in it.
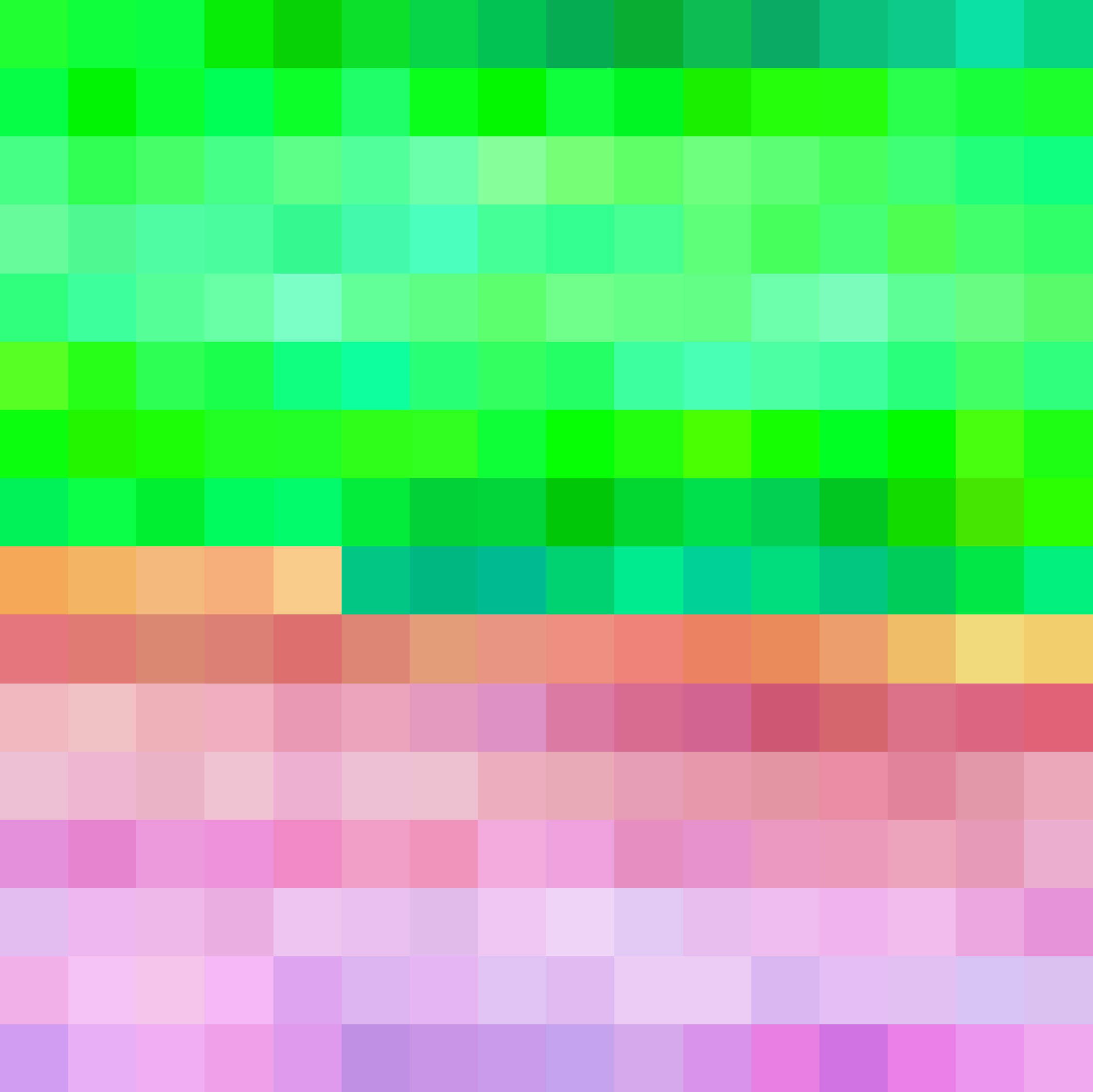
There's a colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has a lot of red, a little bit of orange, a tiny bit of cyan, and a tiny bit of yellow in it.
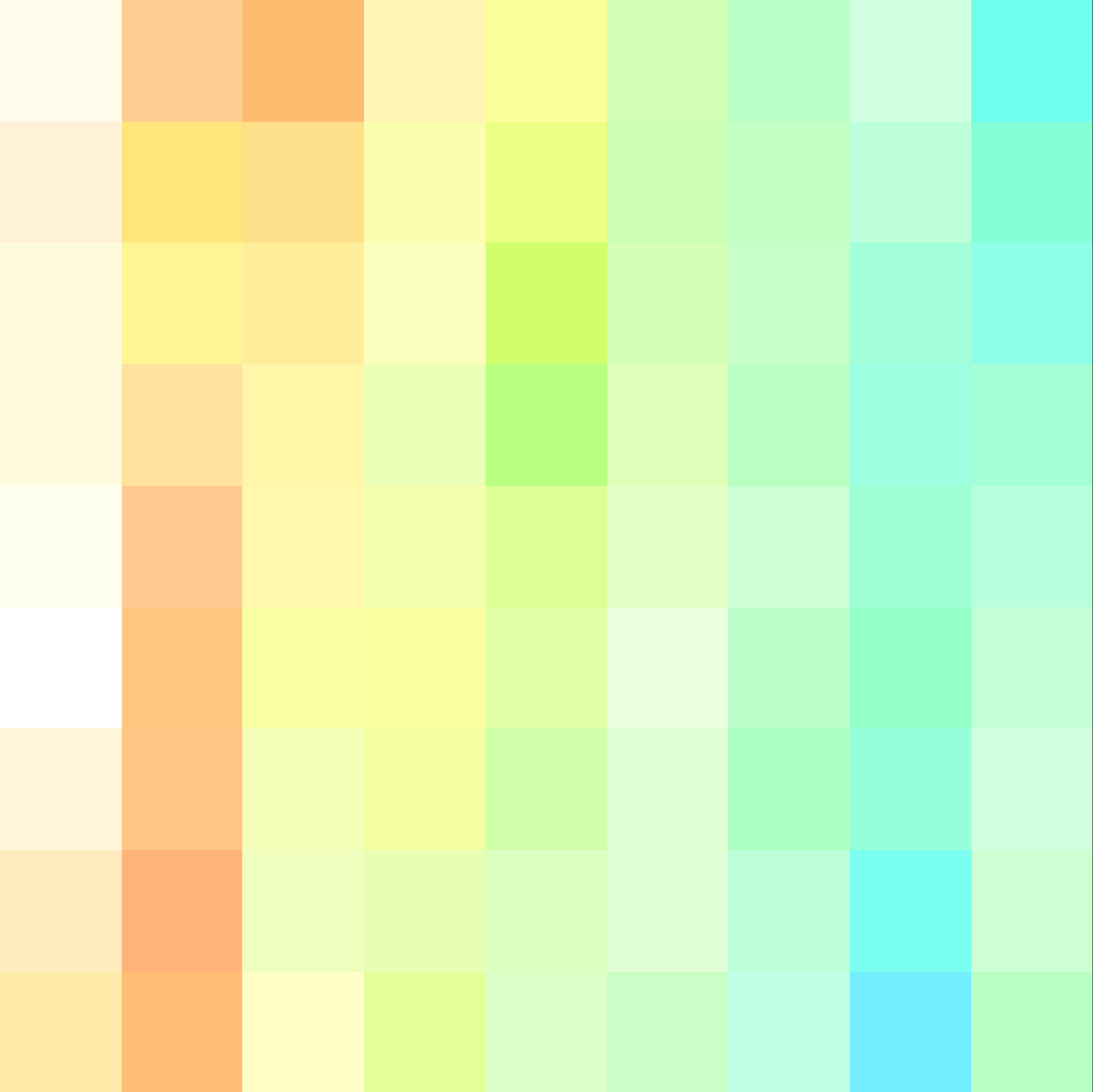
Here's a 9 by 9 pixelated grid that forms a colourful gradient. It is mostly green, and it also has quite some yellow, some orange, a little bit of lime, and a little bit of cyan in it.

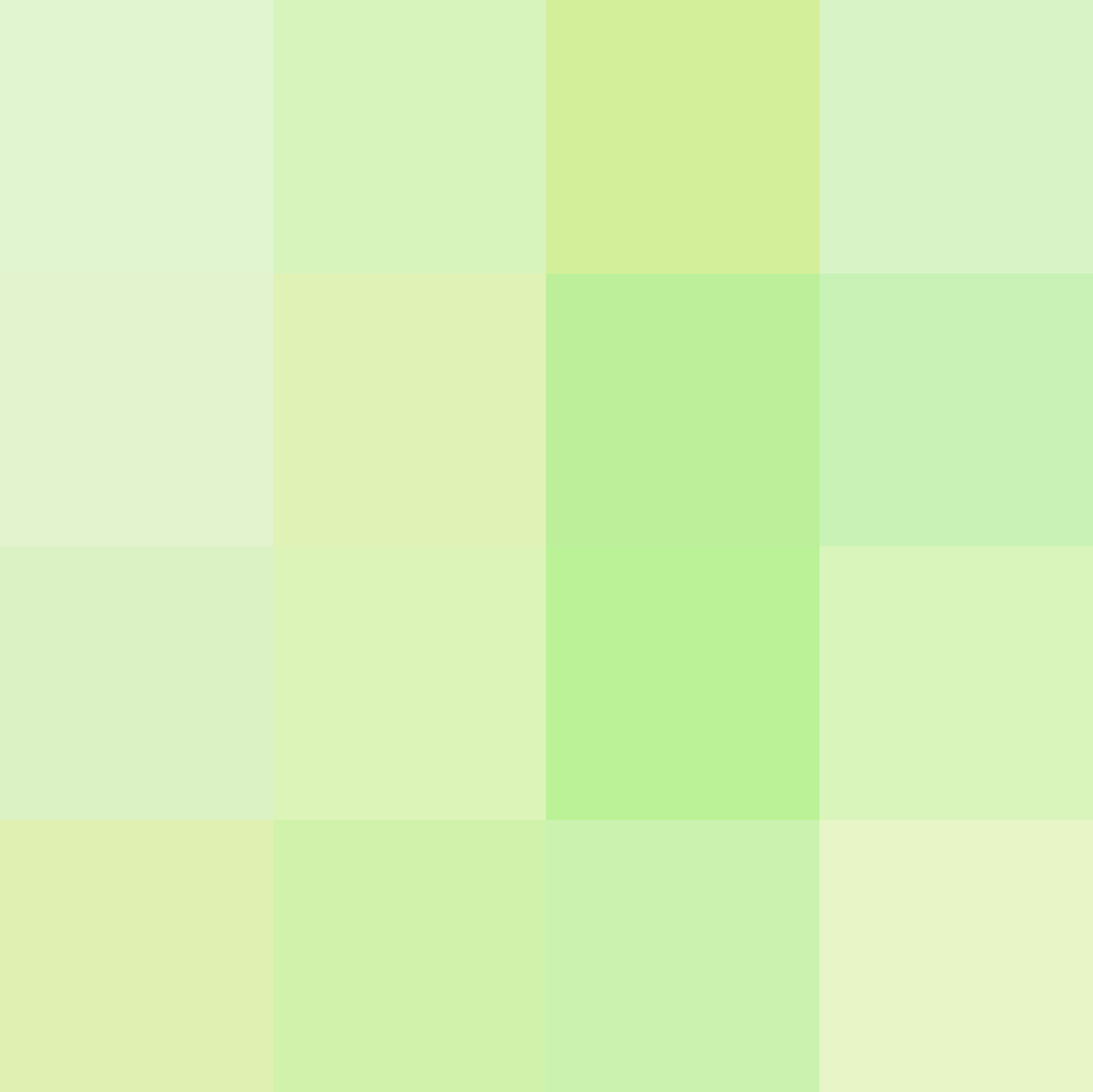A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, and it also has some lime in it.

This colourful gradient, generated in this 7 by 7 pixel grid, is mostly blue, and it also has quite some purple, some magenta, a bit of indigo, and a tiny bit of violet in it.

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

The very, very colourful gradient in this 7 by 7 pixel grid is mostly green, and it also has quite some magenta, some violet, some blue, a bit of purple, a bit of indigo, a bit of cyan, and a little bit of rose in it.
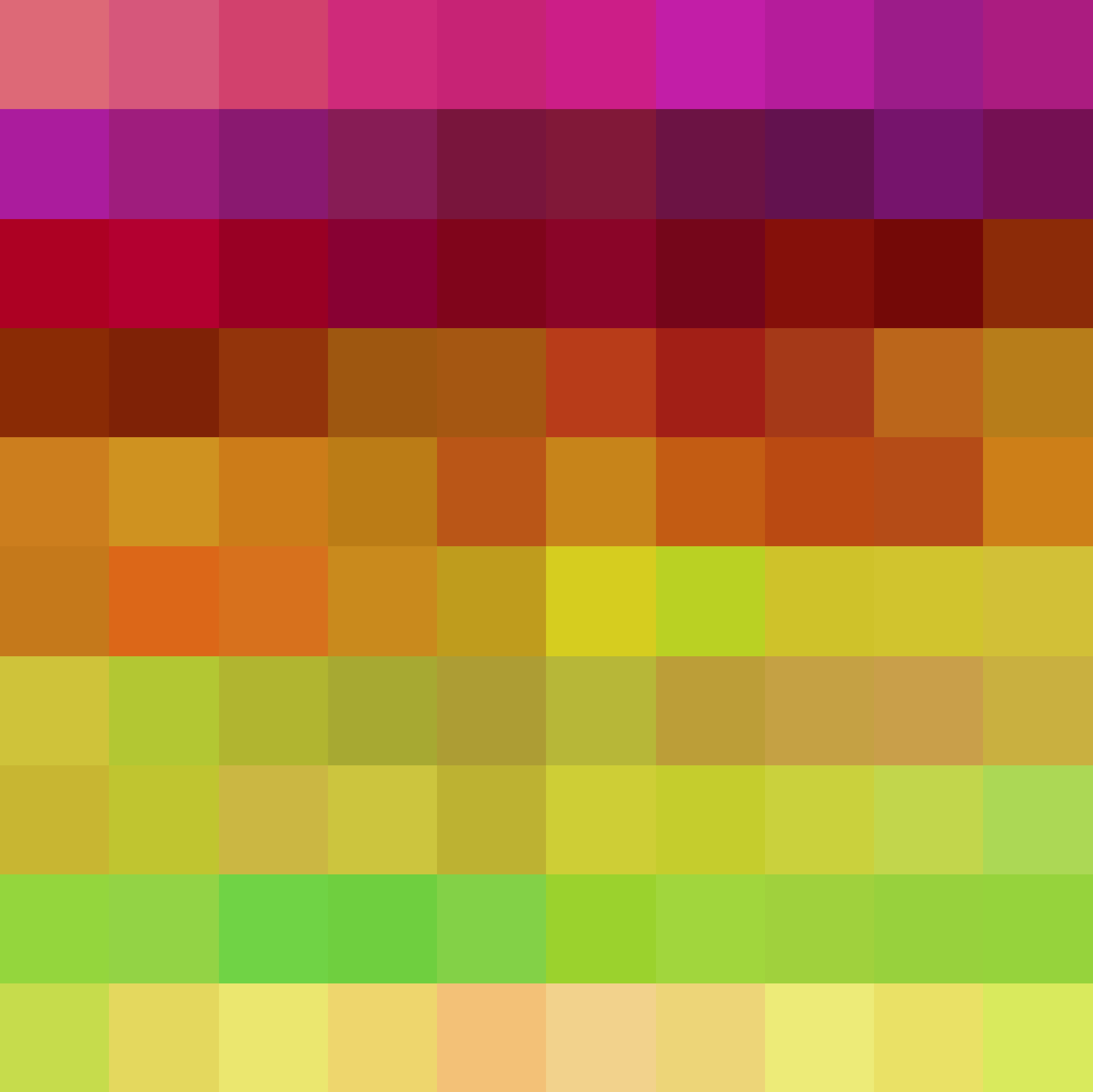
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly yellow, but it also has quite some orange, some red, some rose, some magenta, and some green in it.
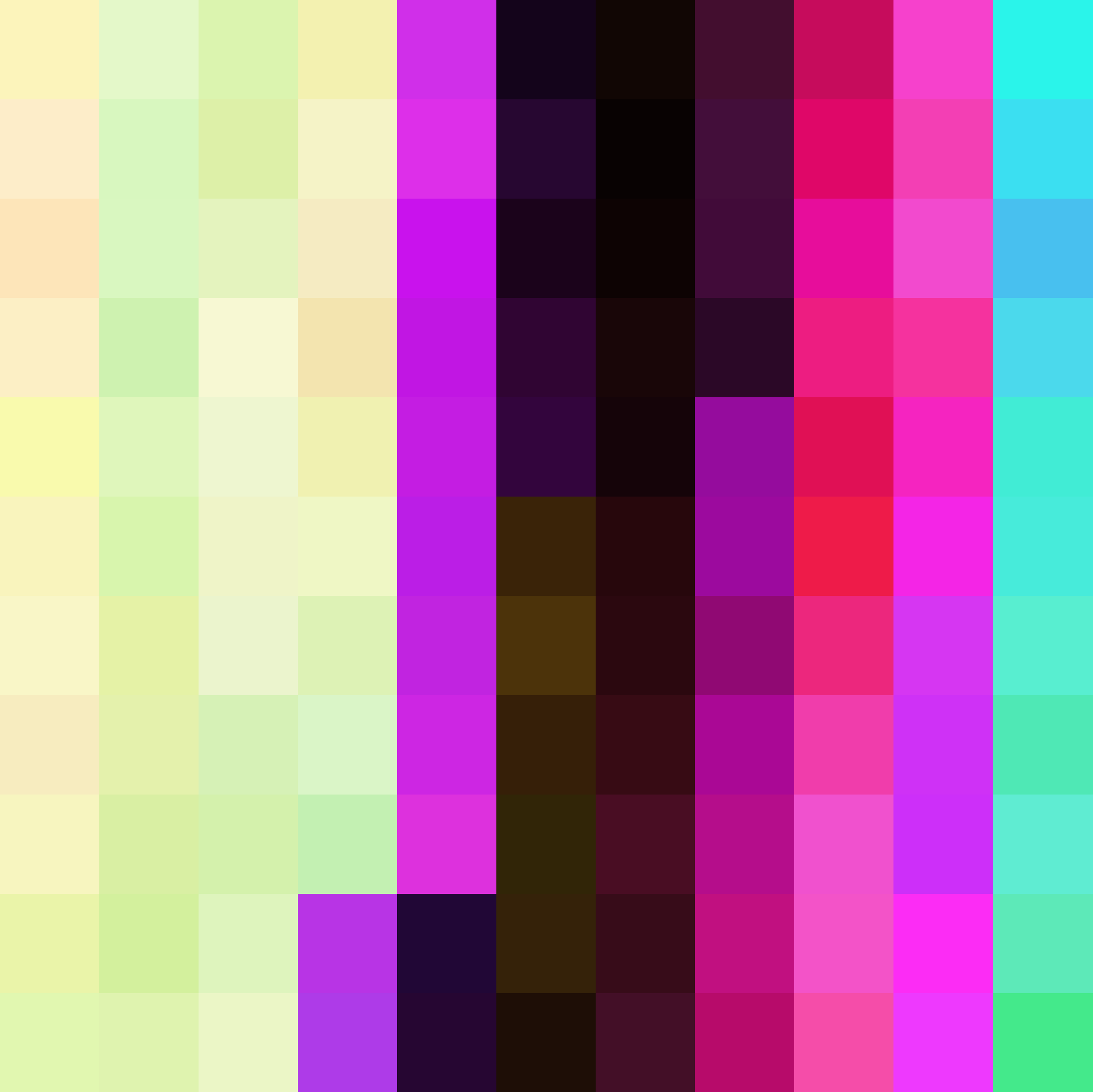
The very, very colourful gradient in this 11 by 11 pixel grid is mostly magenta, but it also has some yellow, some green, some red, some purple, a bit of lime, a bit of orange, a bit of rose, a little bit of cyan, and a tiny bit of blue in it.
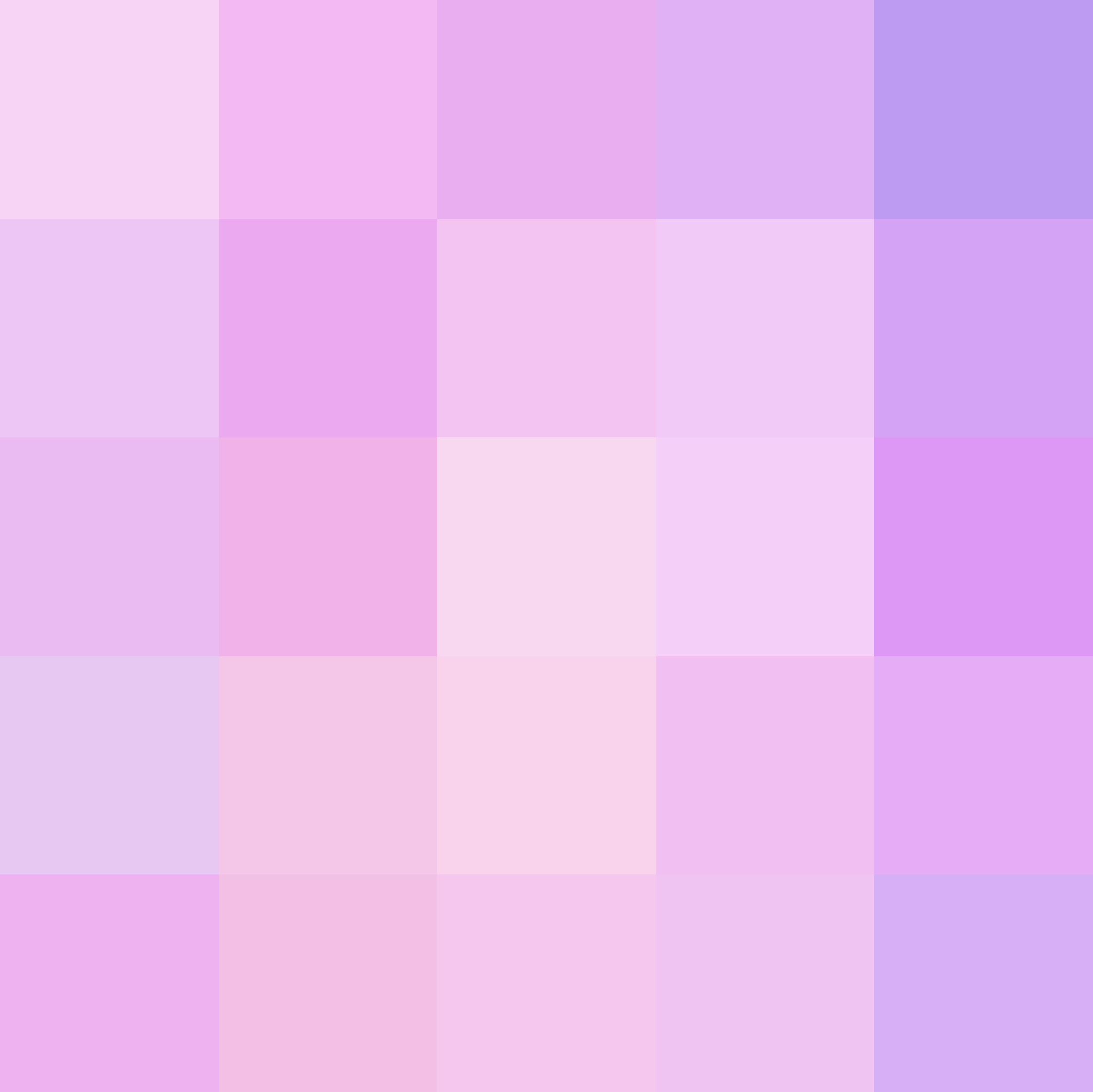
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some purple, and a little bit of violet in it.
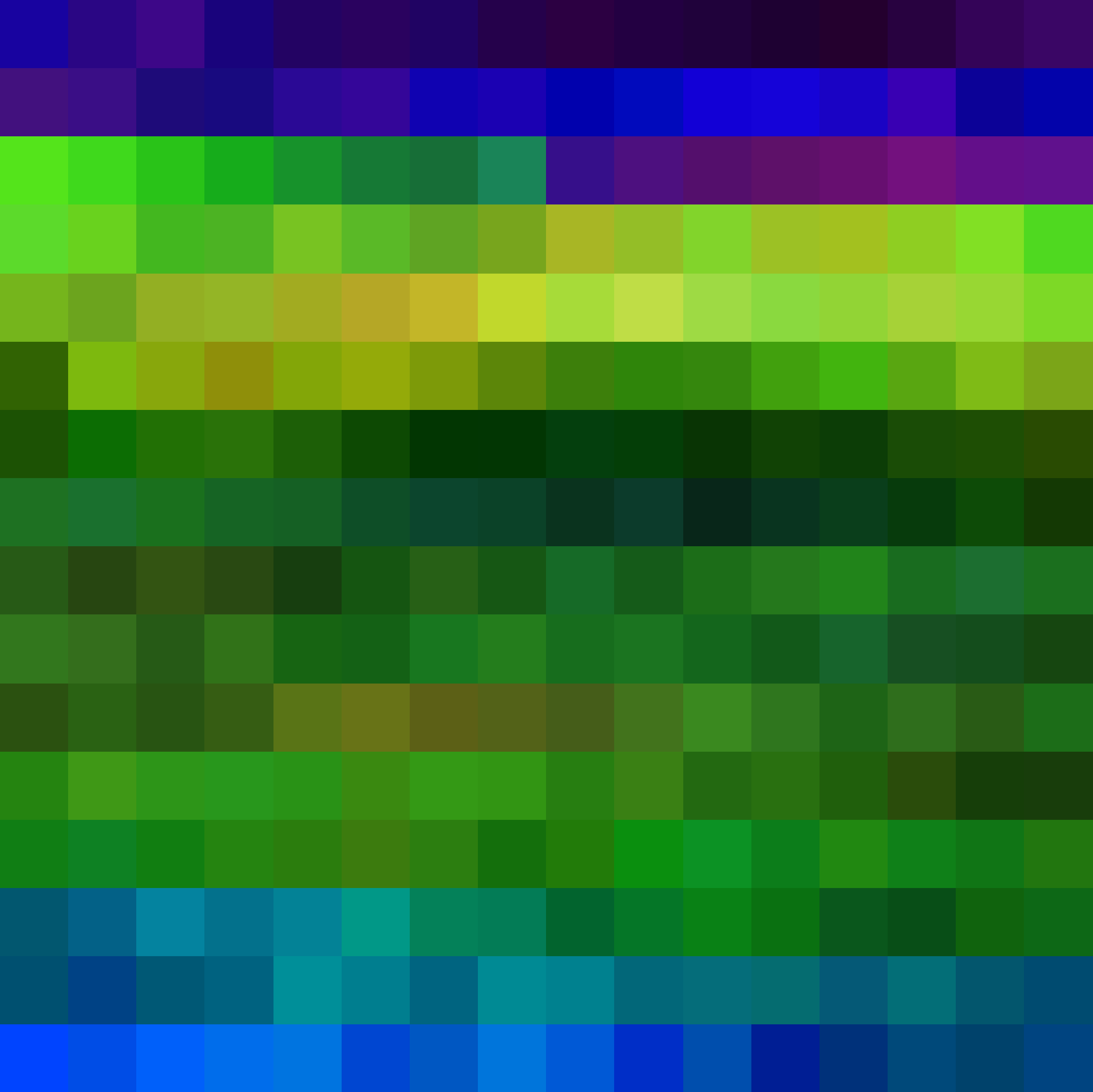
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has a bit of blue, a bit of indigo, a little bit of cyan, a little bit of lime, a little bit of purple, a little bit of yellow, a tiny bit of violet, and a tiny bit of magenta in it.
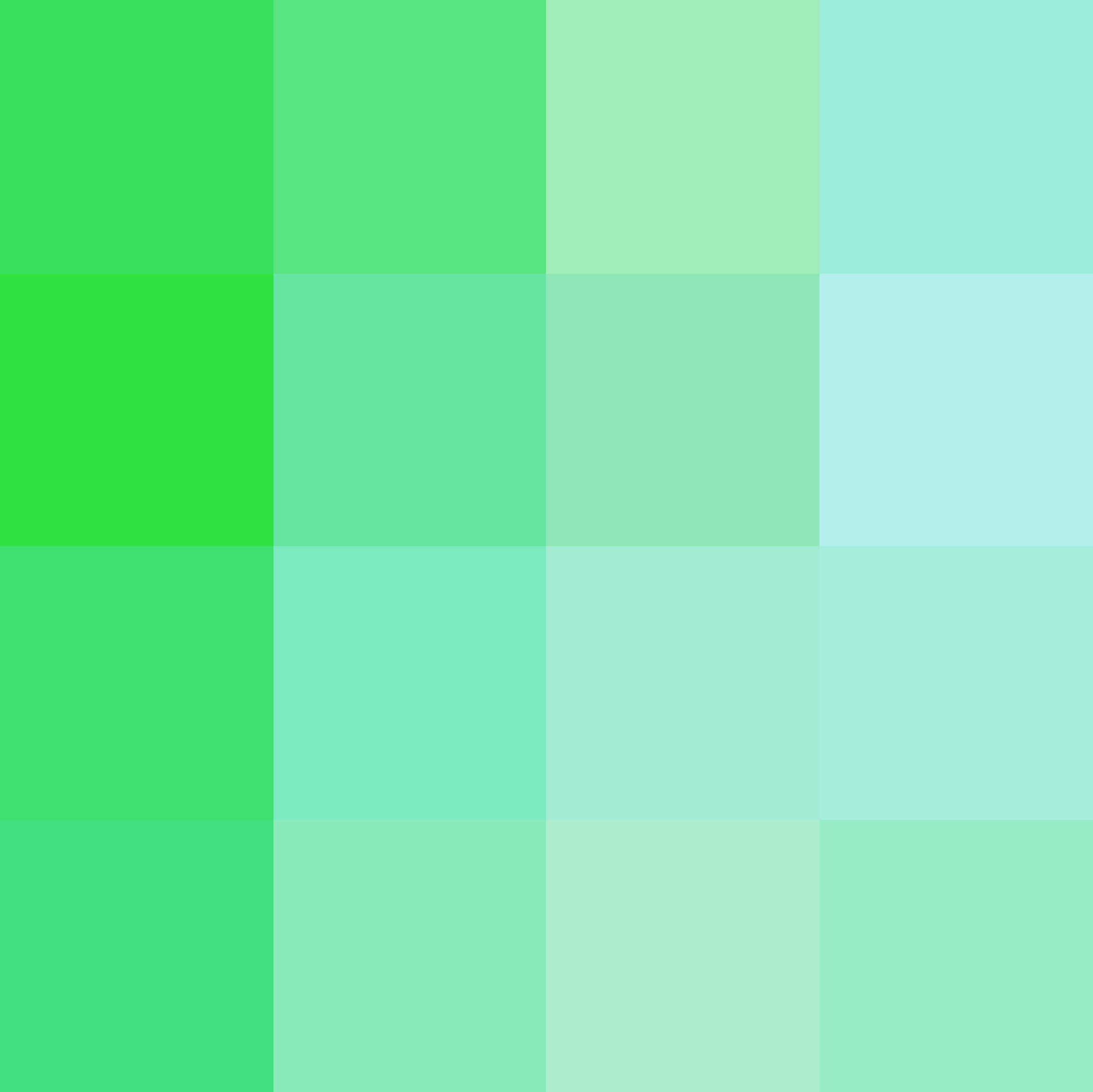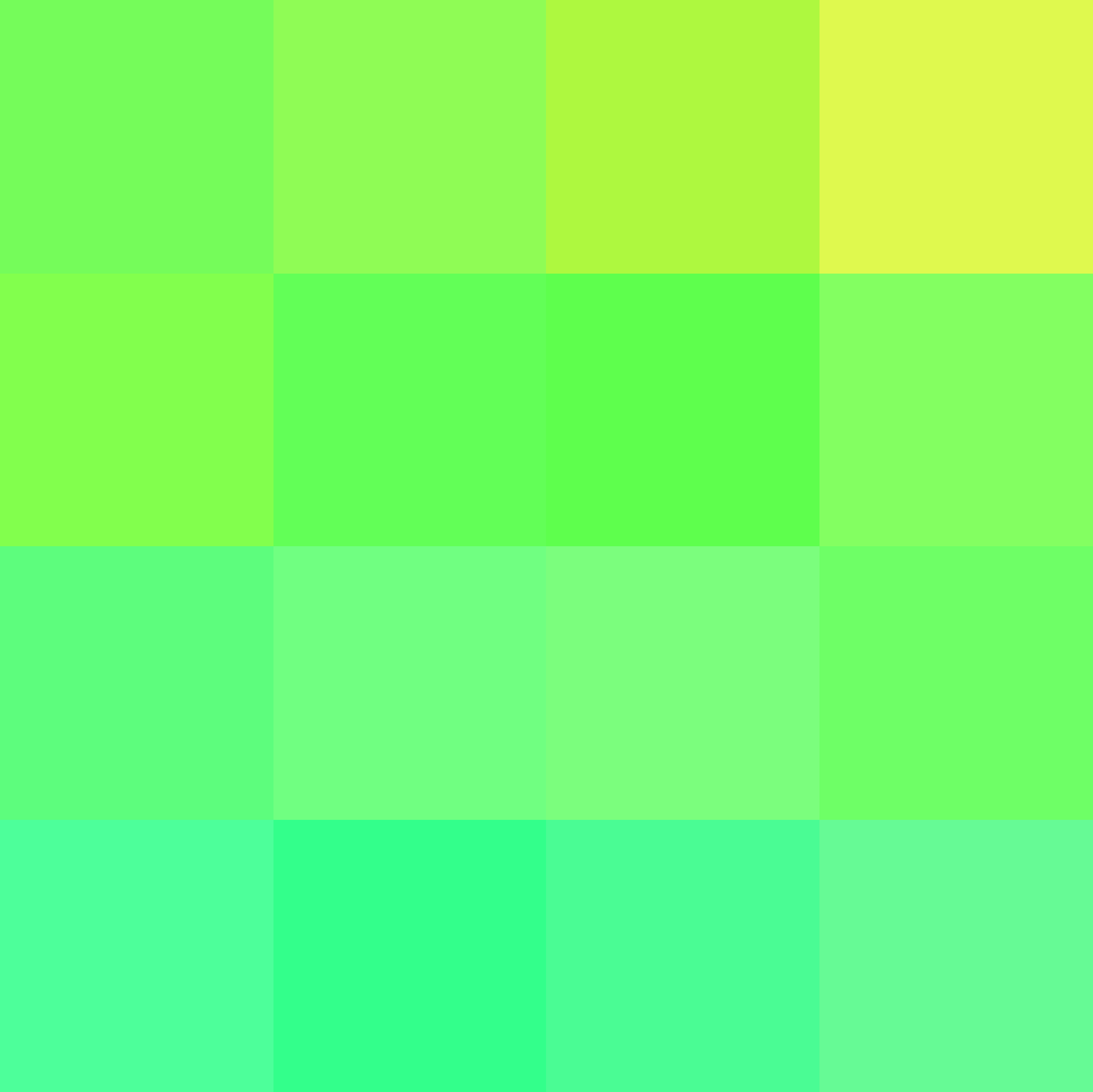
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some magenta, some purple, and some cyan in it.

The two tone gradient in this 4 by 4 pixel grid is mostly green, but it also has some cyan in it.

Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly green, and it also has a little bit of yellow in it.

This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, but it also has quite some cyan in it.
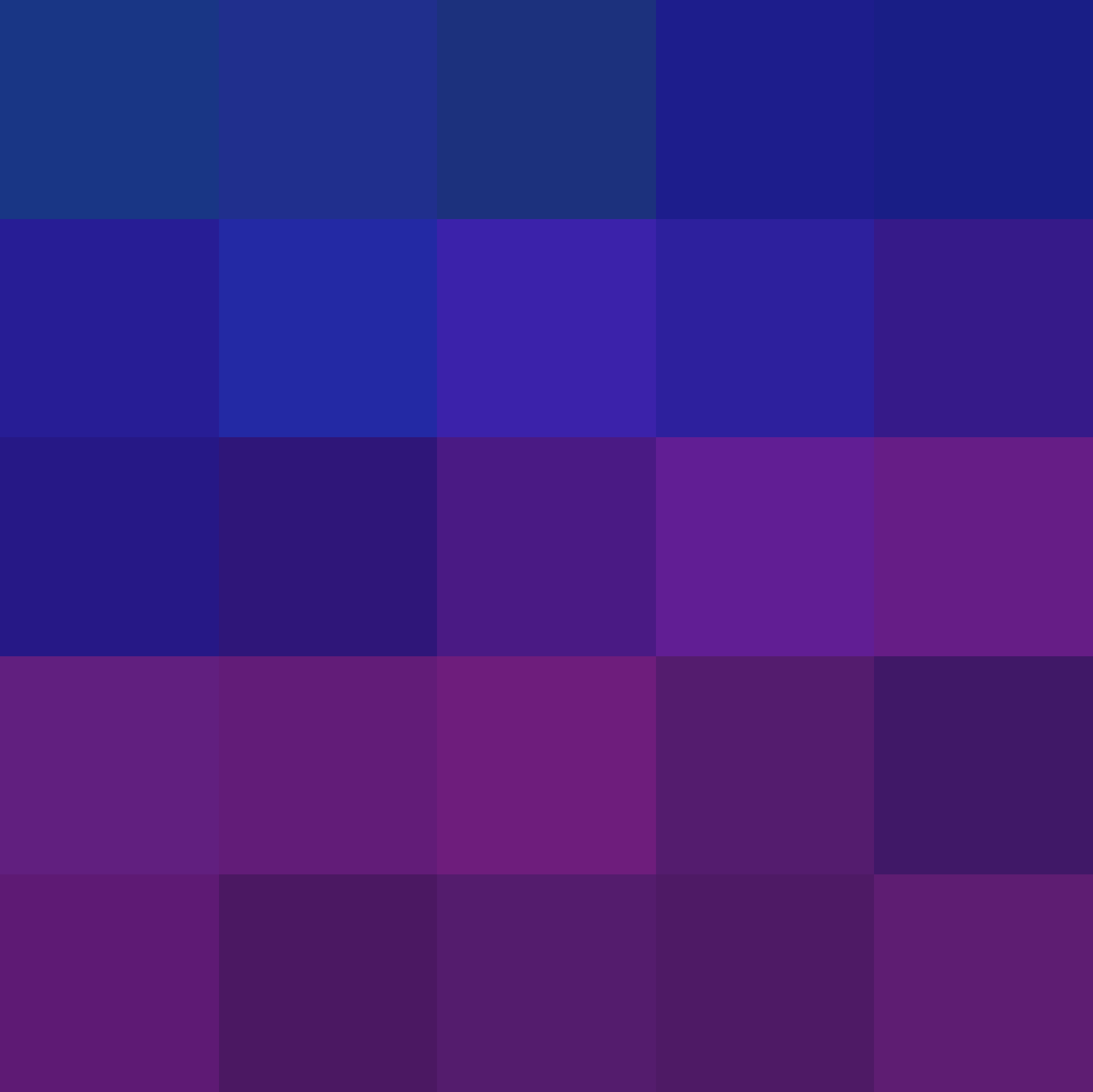
The gradient in this 5 by 5 pixel grid is mostly purple, but it also has quite some blue, quite some indigo, and a bit of violet in it.

An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly orange, and it also has quite some magenta, some yellow, some red, and a little bit of purple in it.
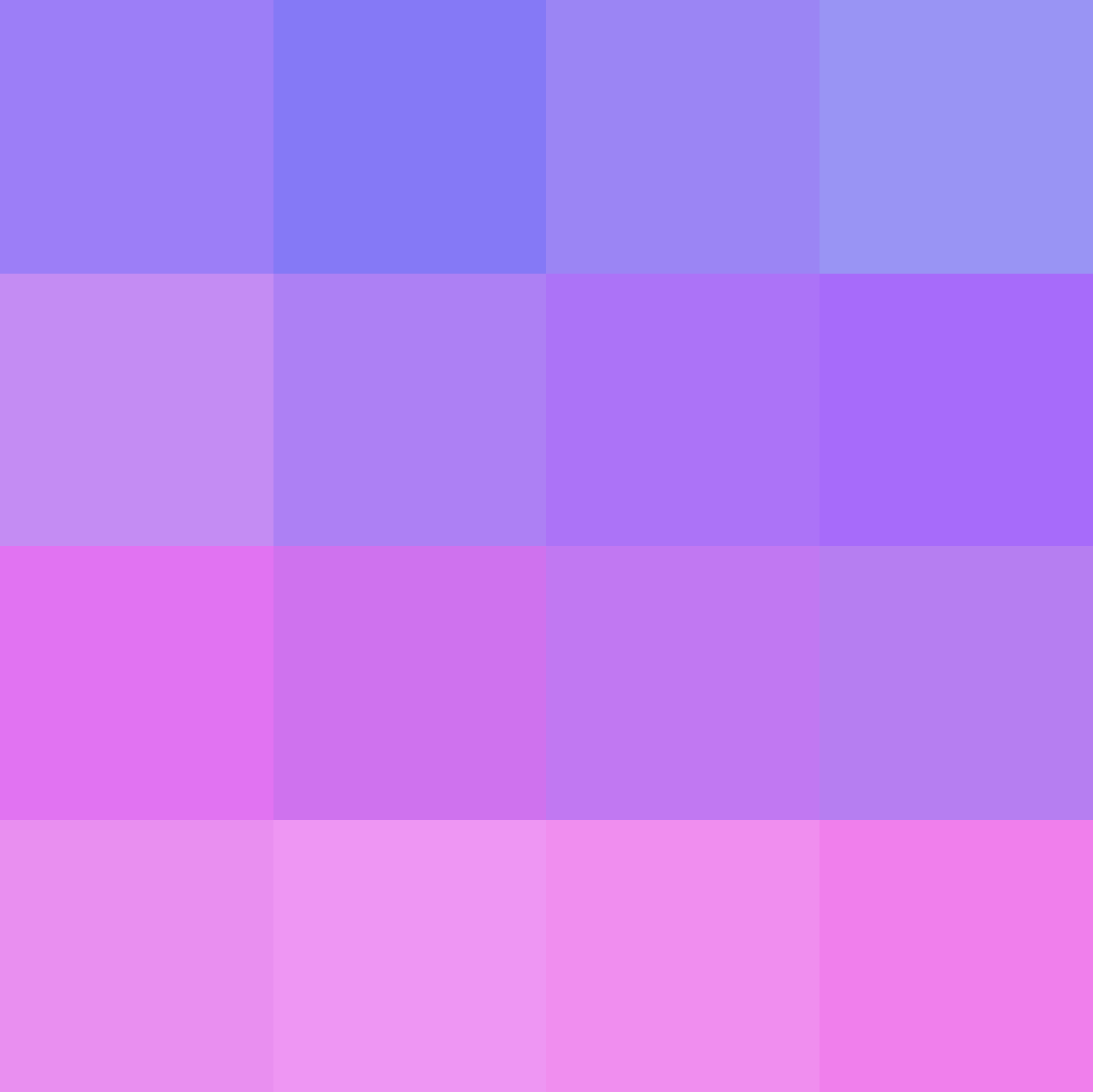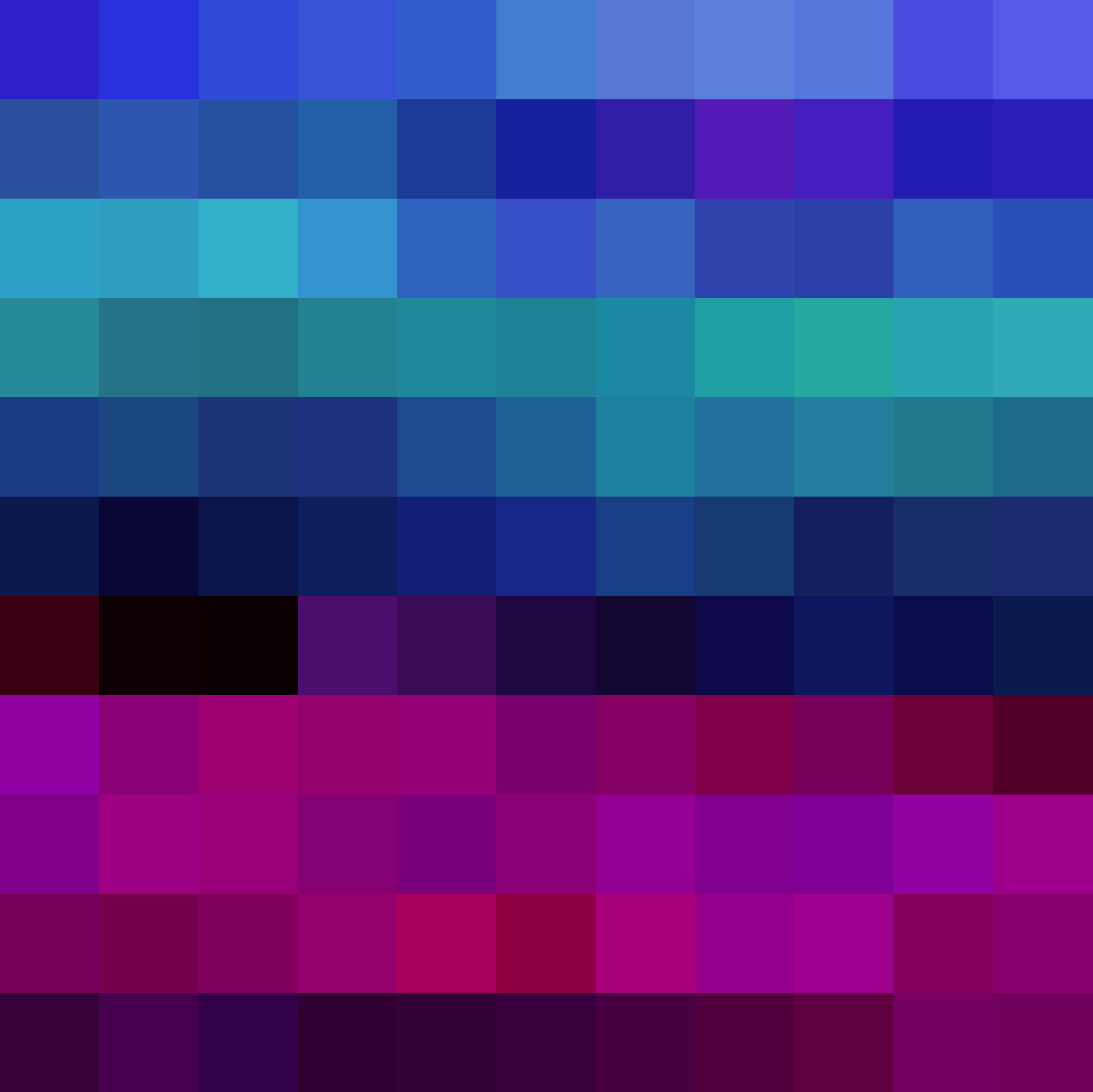
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly magenta, but it also has some purple, some blue, a bit of indigo, a bit of violet, and a tiny bit of rose in it.

A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some indigo, quite some violet, and some purple in it.

Here's an 11 by 11 pixelated grid that forms a very, very colourful gradient. It is mostly blue, and it also has quite some magenta, some cyan, a bit of indigo, a little bit of rose, a little bit of purple, a tiny bit of violet, and a tiny bit of red in it.
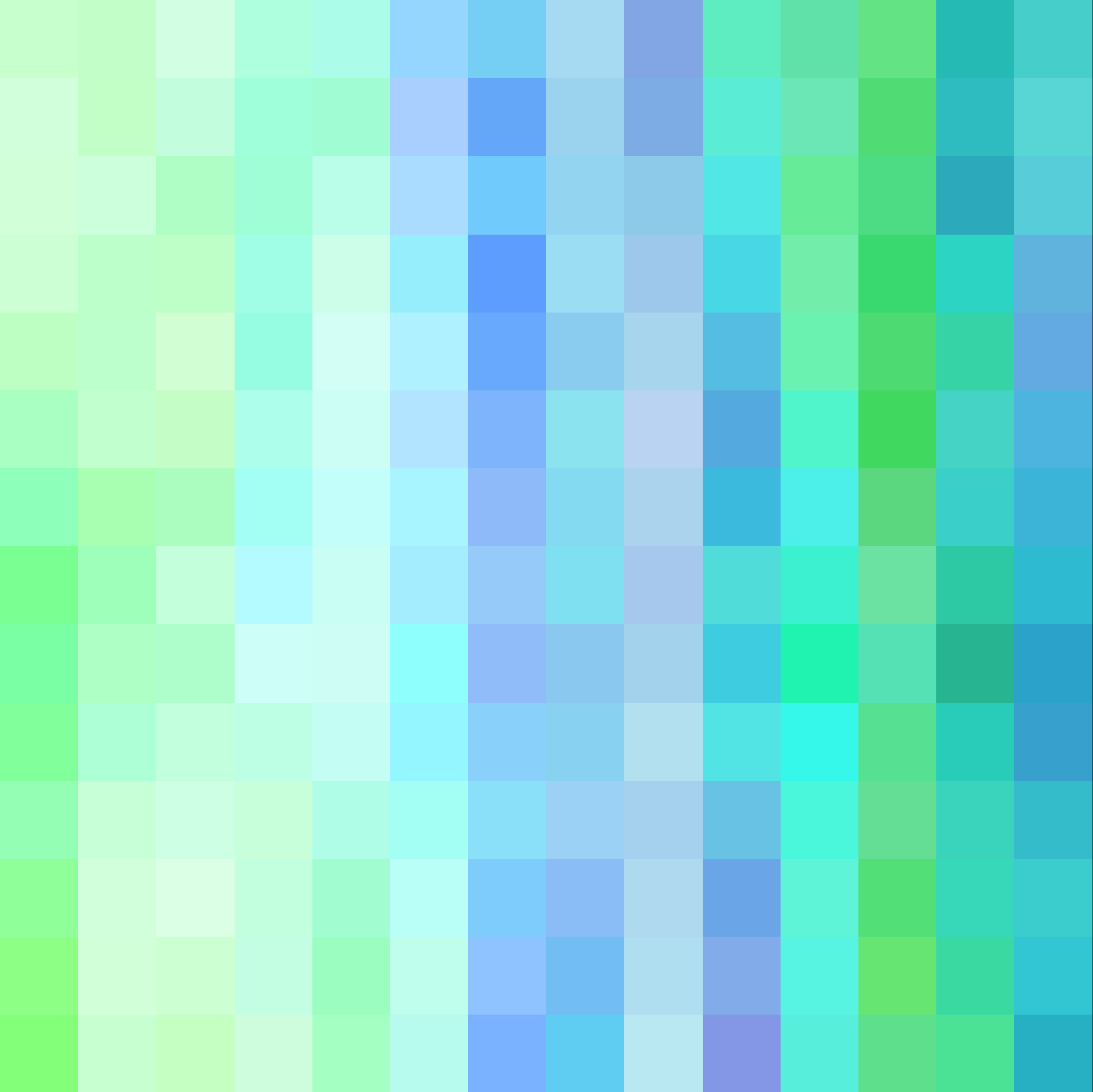
There's a pixel gradient in this 14 by 14 grid. It is mostly green, and it also has quite some cyan, and quite some blue in it.
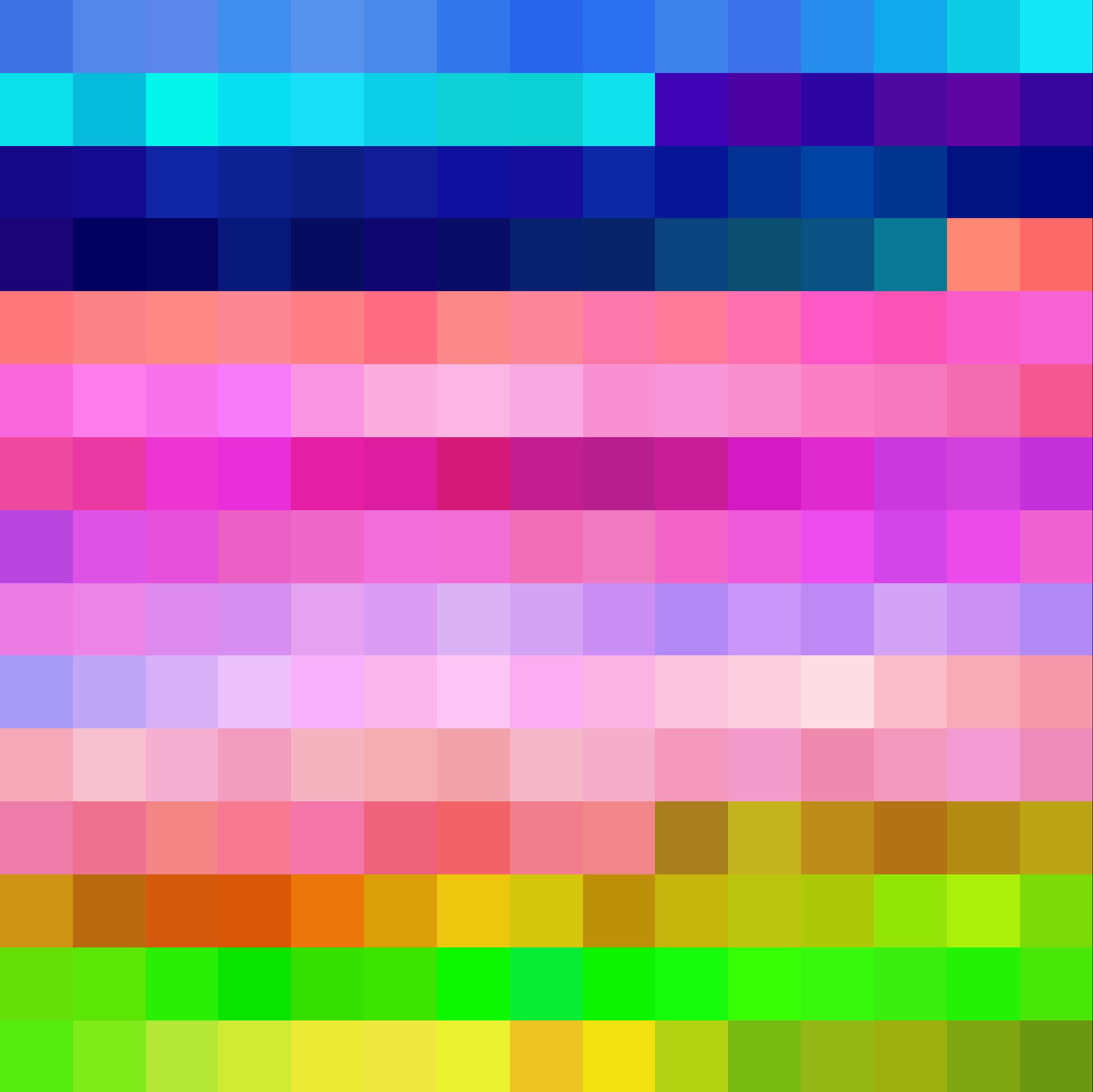
There's a pixel gradient in this 12 by 12 grid. It is mostly red, but it also has some orange, a tiny bit of purple, and a tiny bit of violet in it.

The cells in this 9 by 9 pixel grid form a colourful gradient. It is mostly indigo, and it also has quite some blue, some violet, some purple, and some magenta in it.
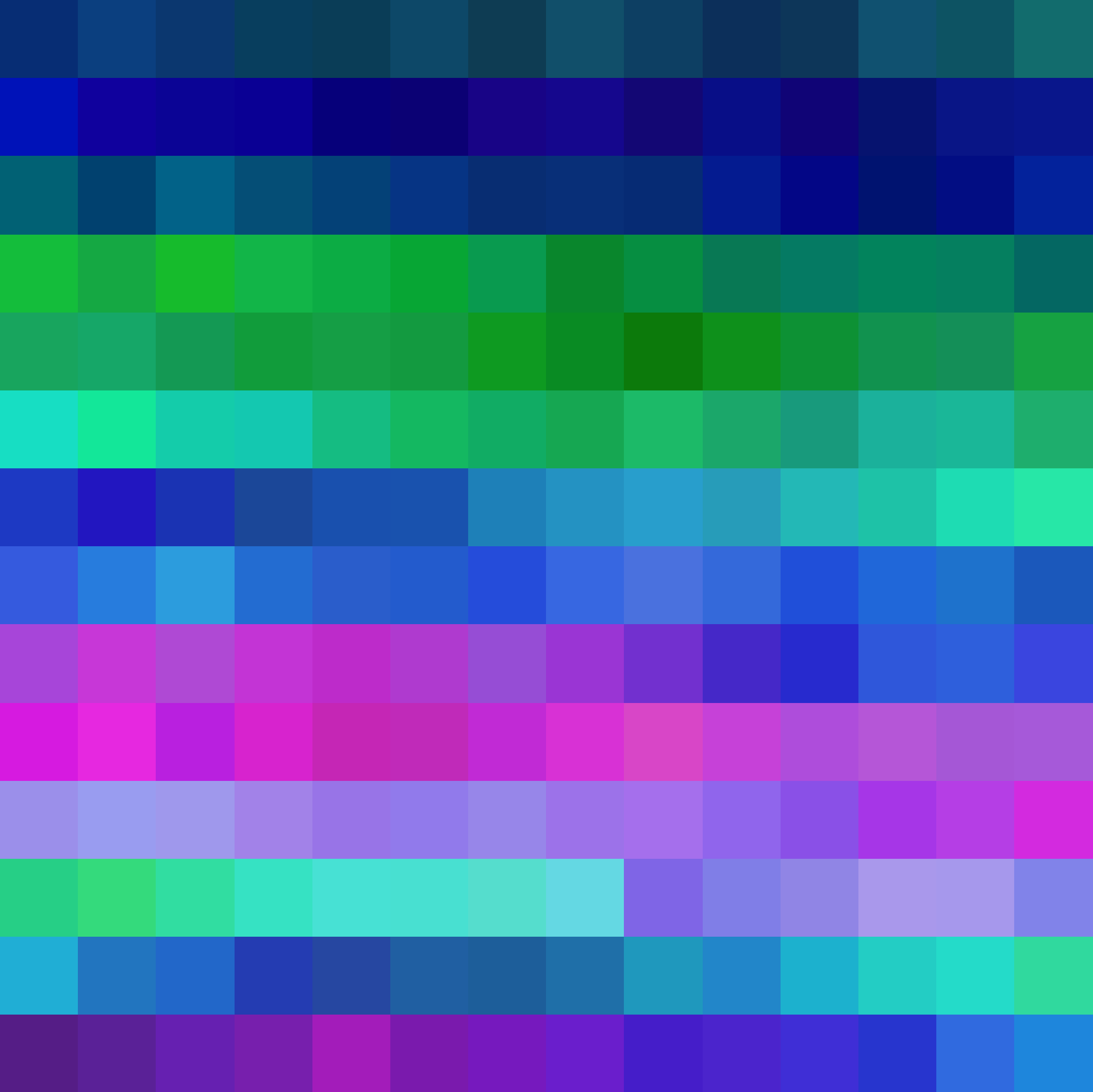
A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has quite some cyan in it.

A very, very colourful grid of 225 blocks. It's mostly red, but it also has some blue, a bit of green, a bit of yellow, a little bit of cyan, a little bit of orange, a little bit of indigo, a tiny bit of lime, a tiny bit of violet, and a tiny bit of purple in it.

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

There's a very colourful pixel gradient in this 14 by 14 grid. It is mostly blue, and it also has some green, some indigo, some cyan, a bit of purple, a bit of magenta, and a little bit of violet in it.
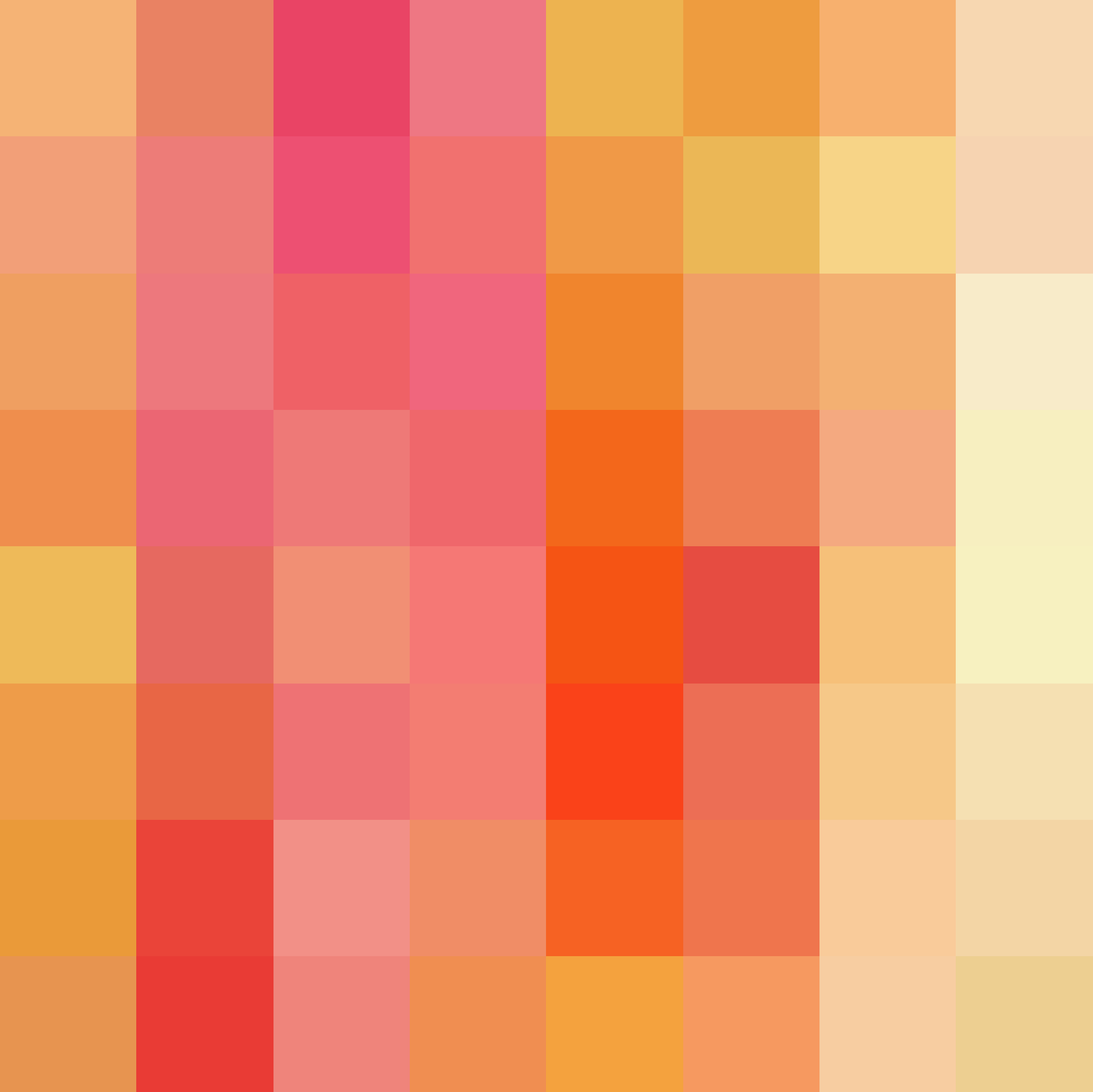
There's a pixel gradient in this 8 by 8 grid. It is mostly orange, but it also has a lot of red, and a little bit of yellow in it.
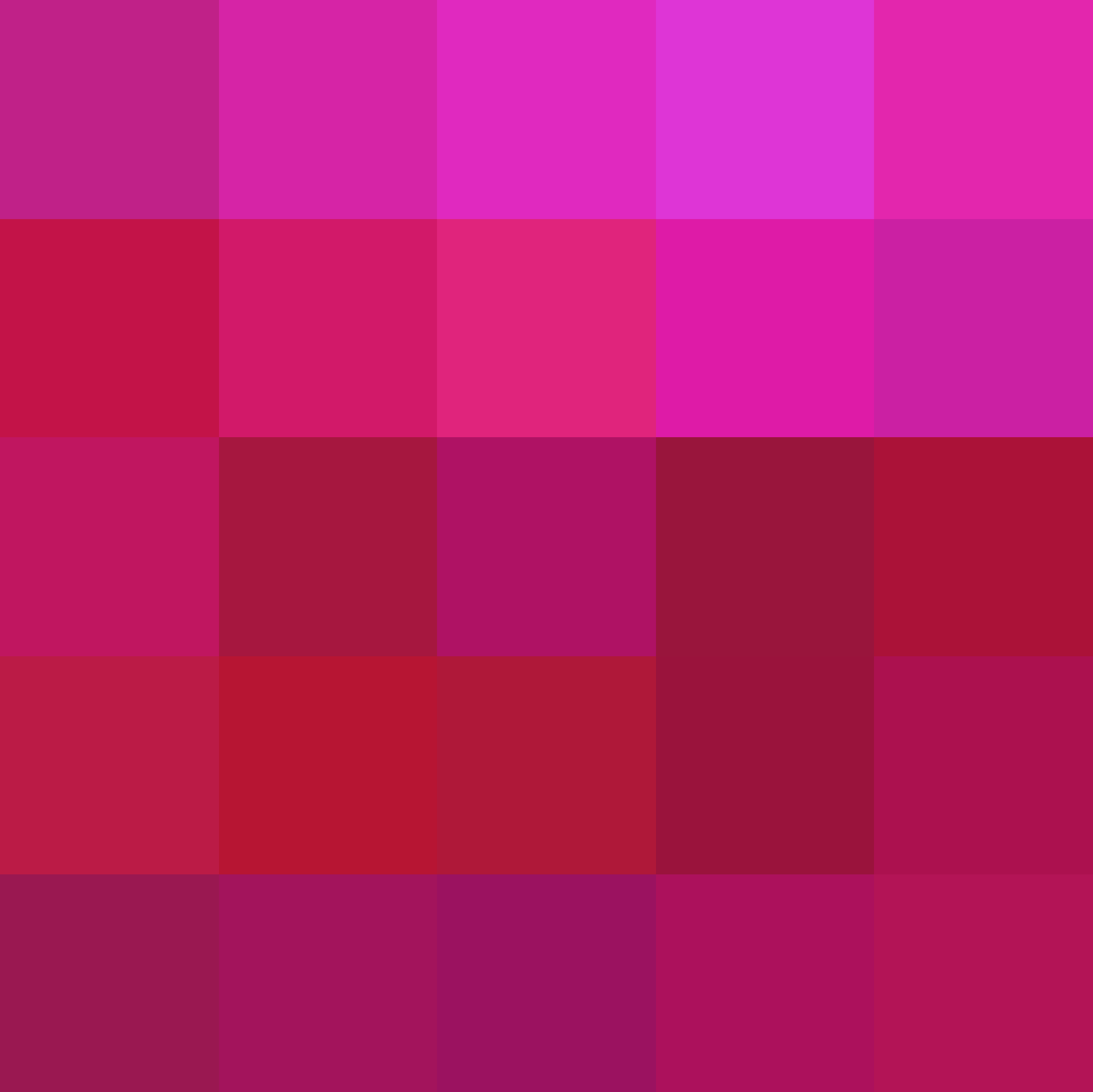
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly rose, and it also has quite some magenta, and some red in it.

This gradient, generated in this 5 by 5 pixel grid, is mostly green, but it also has some yellow, and some cyan in it.
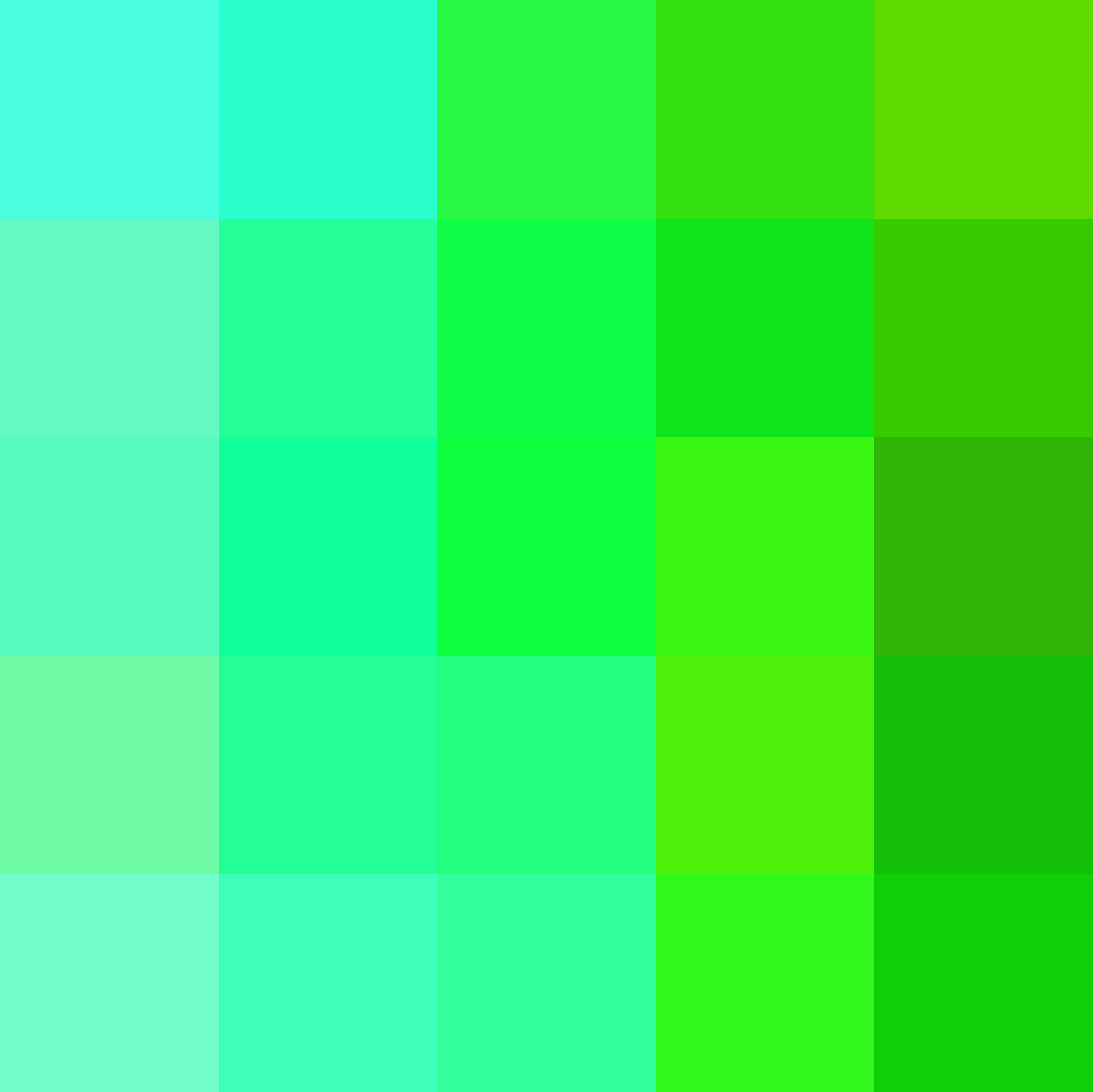
A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has a bit of cyan in it.

A 7 by 7 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, but it also has quite some yellow, quite some red, a little bit of magenta, a little bit of rose, a little bit of lime, and a little bit of green in it.
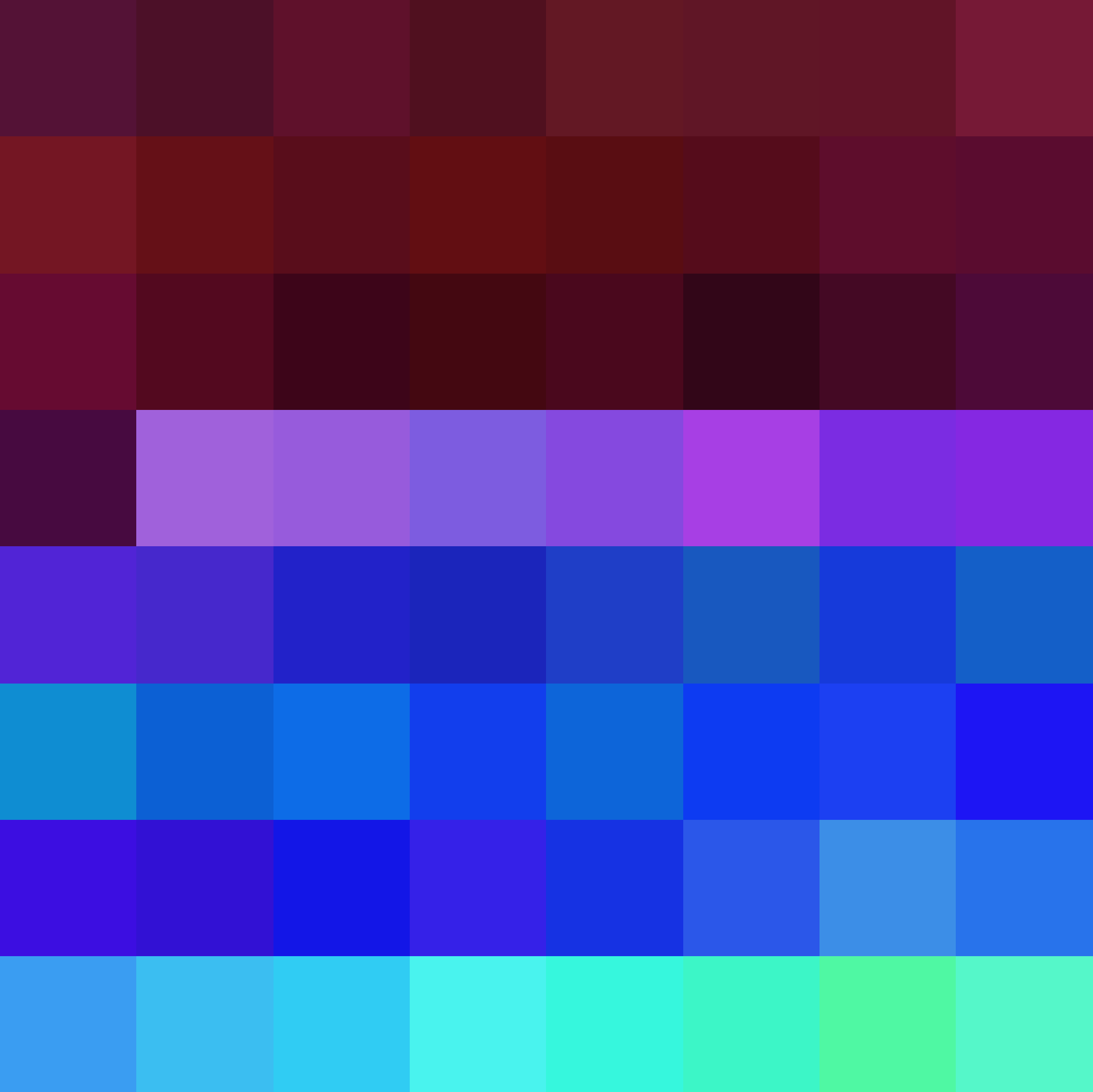
Here's an 8 by 8 pixelated grid that forms a very, very colourful gradient. It is mostly blue, but it also has some rose, some red, some indigo, a little bit of violet, a little bit of cyan, a little bit of magenta, a little bit of purple, and a little bit of green in it.

The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has some blue, some orange, some red, a bit of yellow, a little bit of purple, a little bit of magenta, a little bit of indigo, a little bit of cyan, a little bit of rose, a tiny bit of lime, and a tiny bit of violet in it.
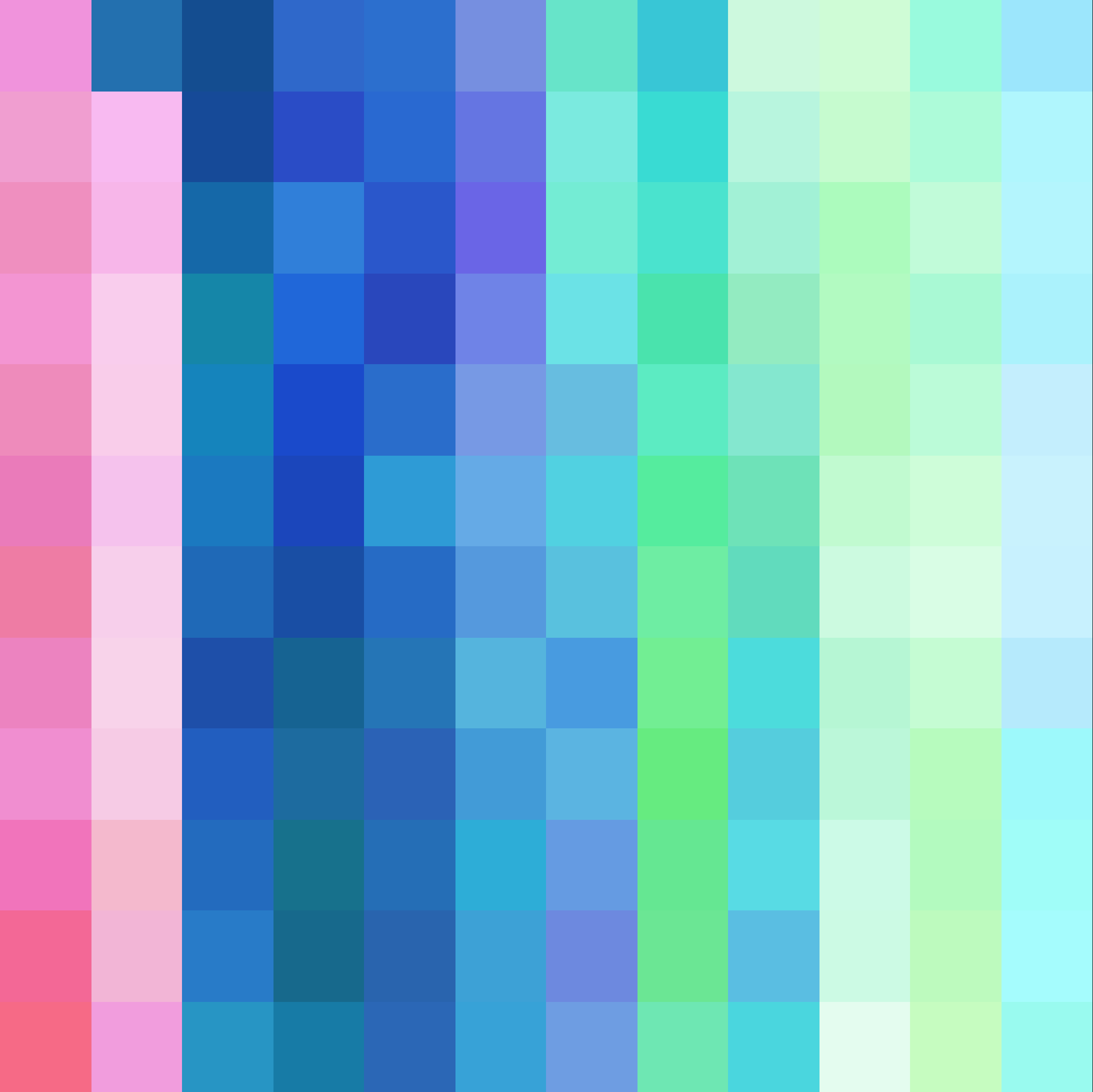
The very colourful gradient in this 12 by 12 pixel grid is mostly blue, but it also has quite some green, some cyan, some magenta, a little bit of rose, a tiny bit of red, and a tiny bit of indigo in it.
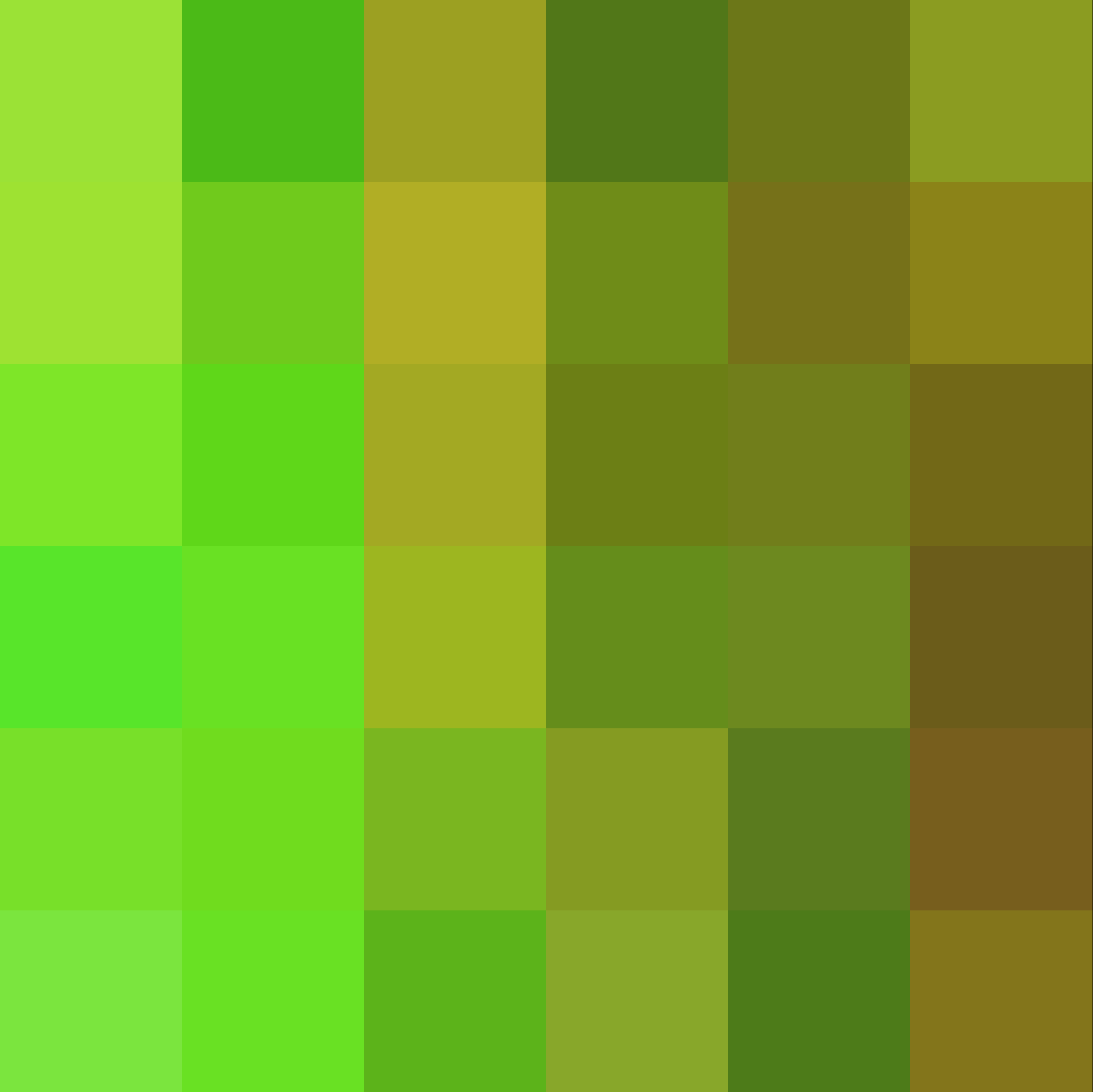
A grid of 36 blocks. It's mostly green, and it also has quite some yellow, some lime, and a little bit of orange in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly red, but it also has quite some magenta, quite some rose, and some orange in it.
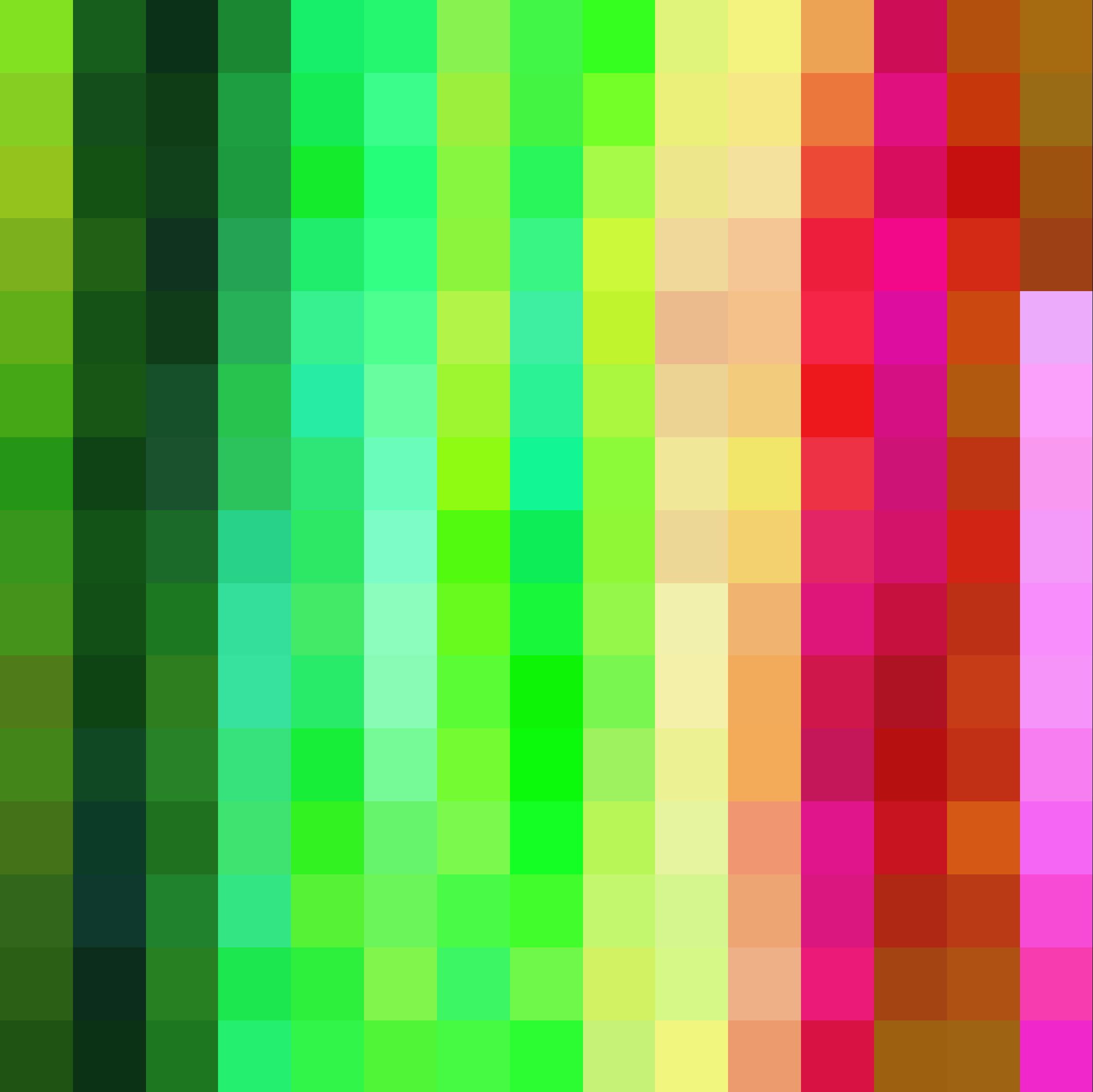
A very colourful grid of 225 blocks. It's mostly green, but it also has some red, some orange, a little bit of yellow, a little bit of magenta, a little bit of lime, and a tiny bit of purple in it.

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.