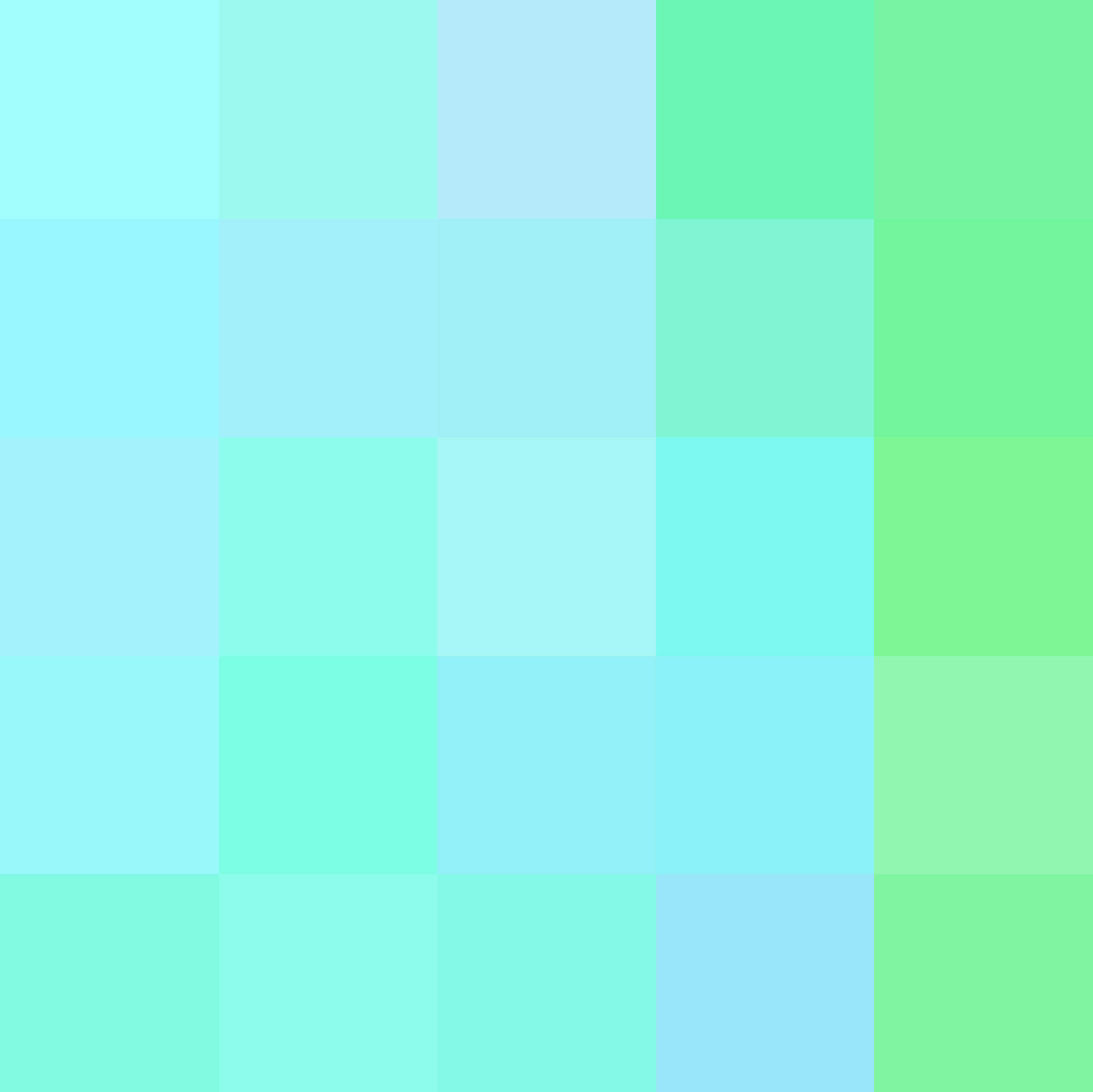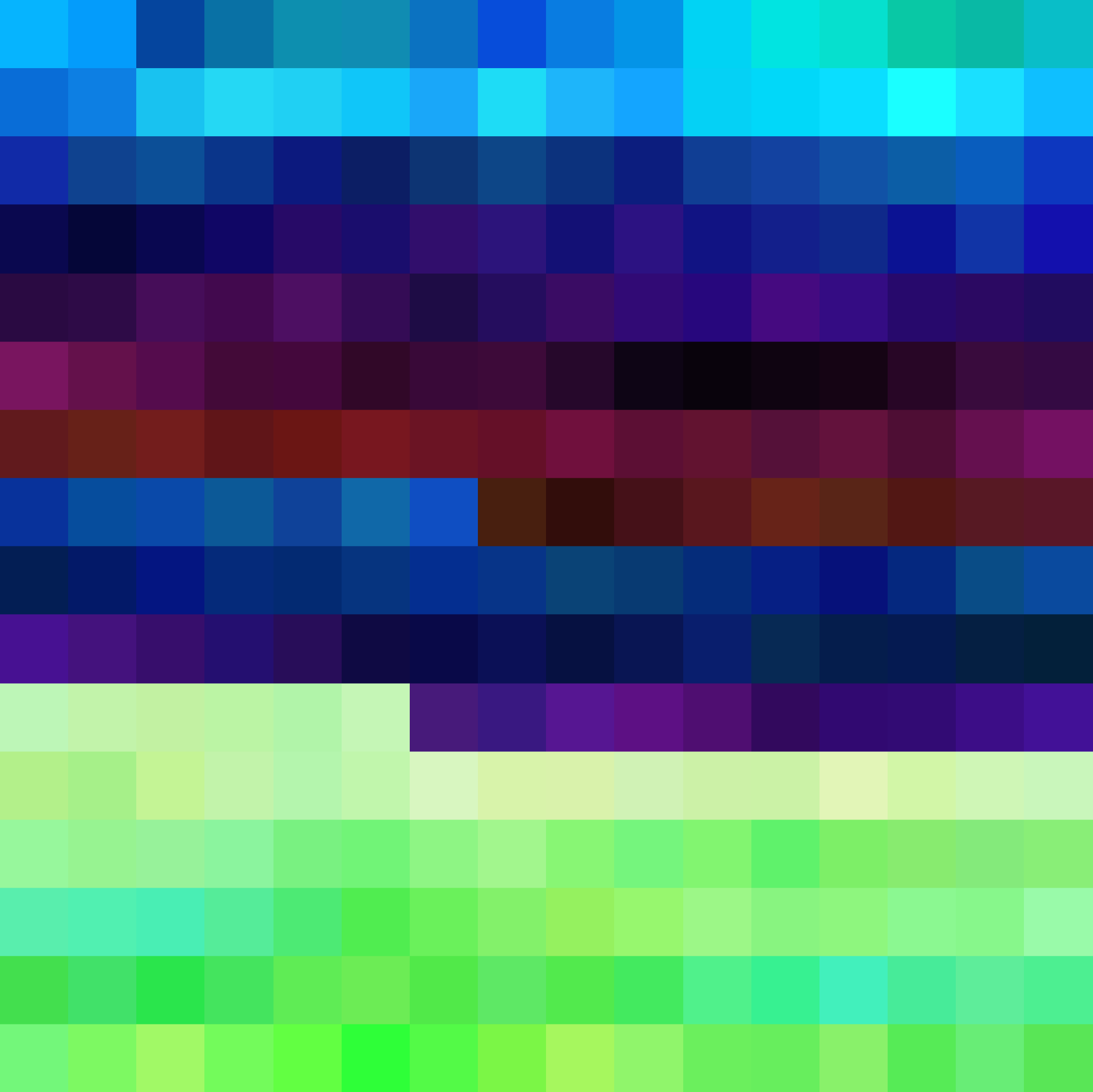# 100 random pixel gradients

Vasilis van Gemert – 13-12-2023

A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly cyan, but it also has quite some green in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, but it also has quite some blue, a bit of indigo, a bit of cyan, a little bit of magenta, a little bit of red, a little bit of violet, a little bit of purple, a tiny bit of rose, a tiny bit of orange, and a tiny bit of lime in it.
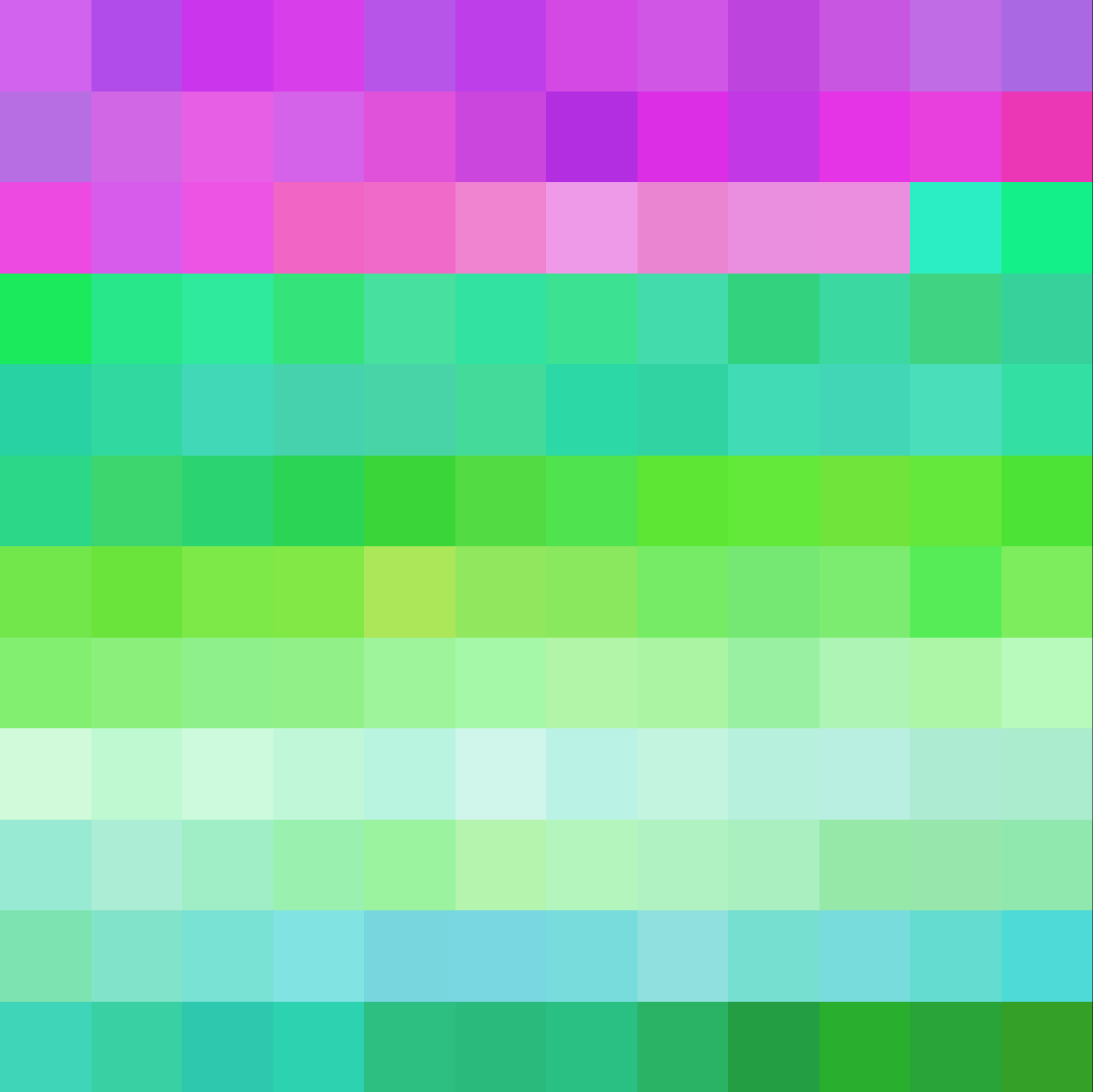
The very colourful gradient in this 10 by 10 pixel grid is mostly green, but it also has quite some cyan, a bit of magenta, a little bit of rose, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of purple in it.
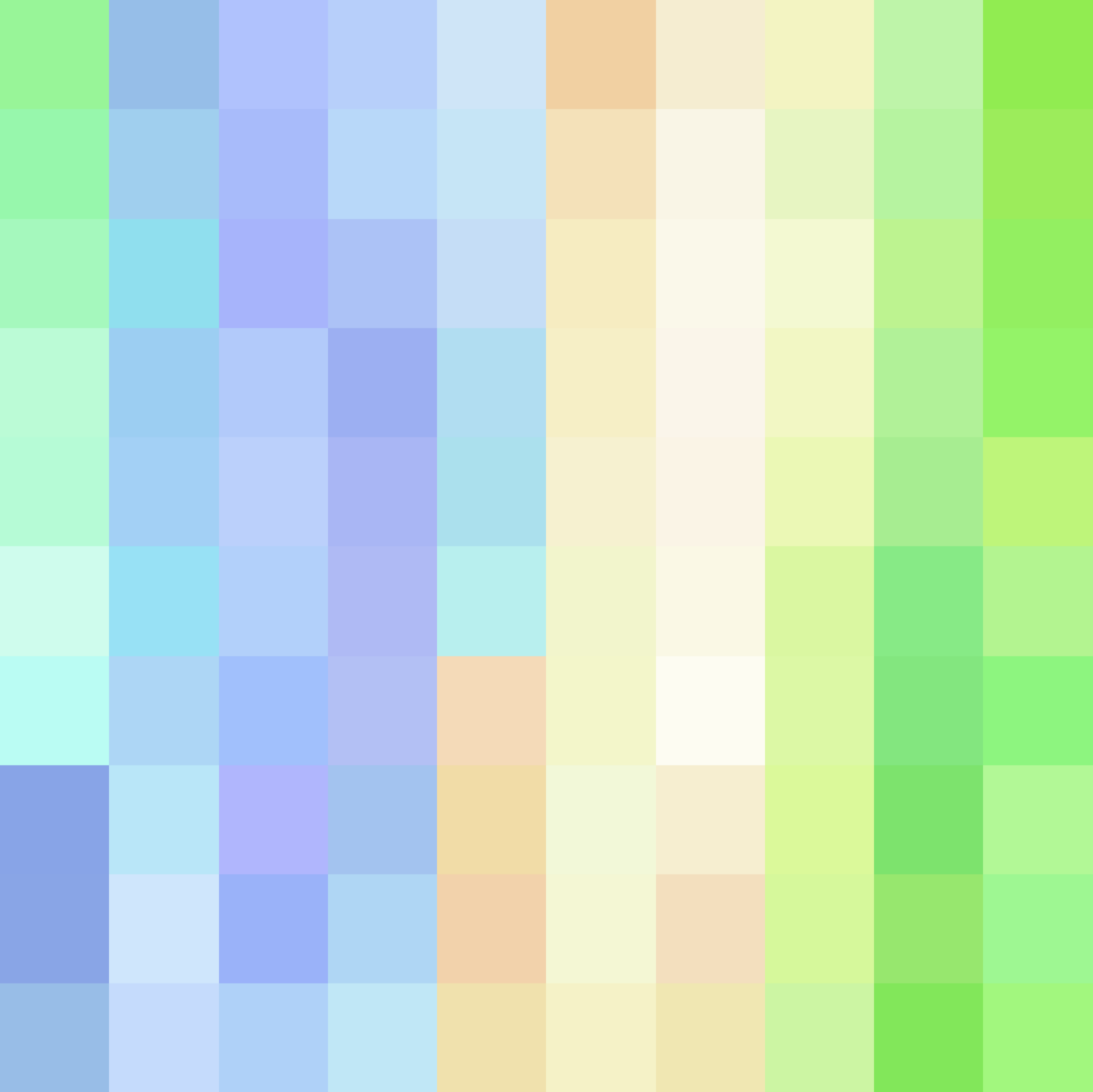
There's a pixel gradient in this 8 by 8 grid. It is mostly magenta, and it also has quite some rose, some red, and a bit of orange in it.
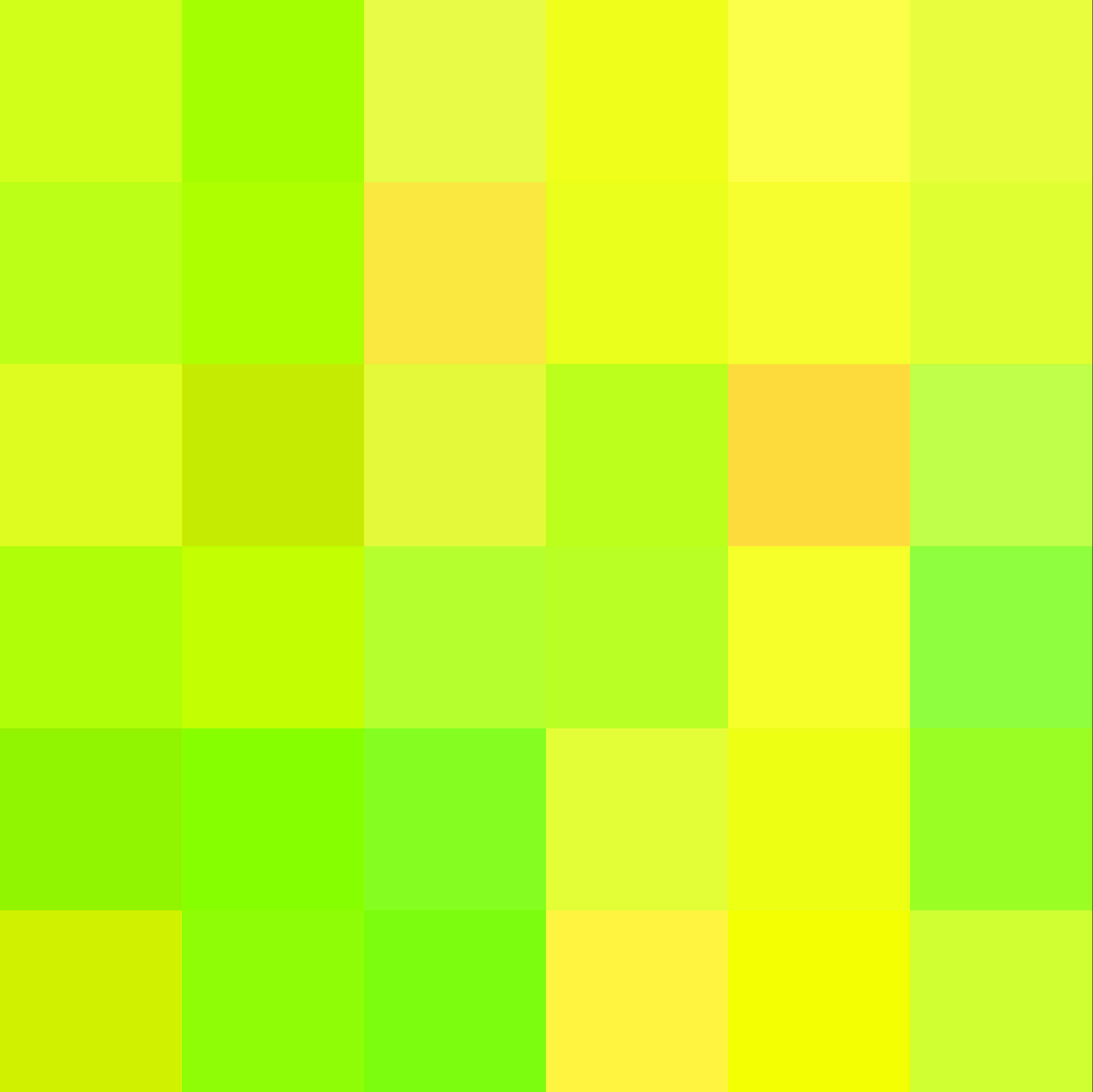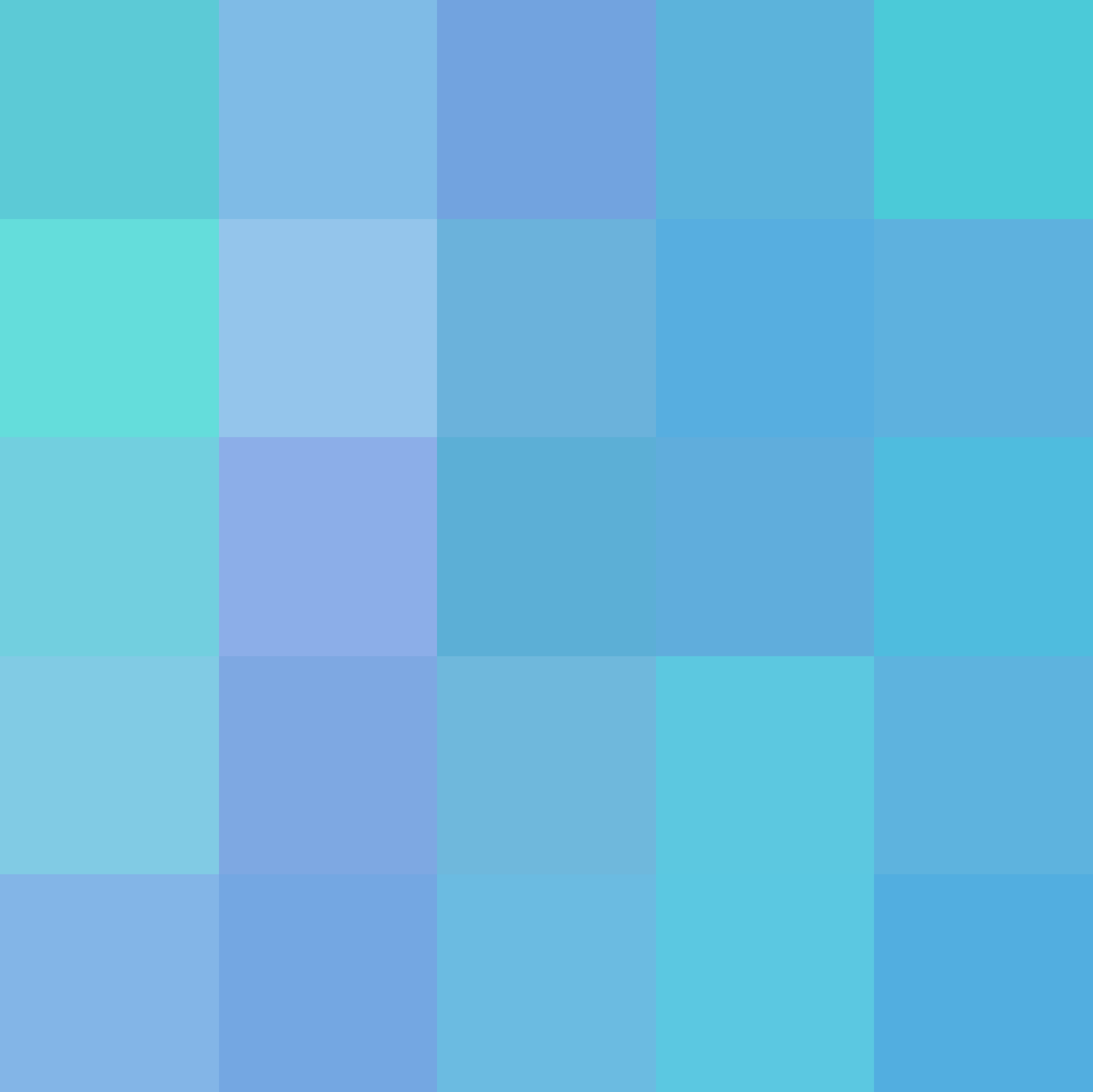
The cells in this 6 by 6 pixel grid form a gradient. It is mostly yellow, and it also has quite some green, and quite some lime in it.

This pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has some cyan, some magenta, and a bit of purple in it.
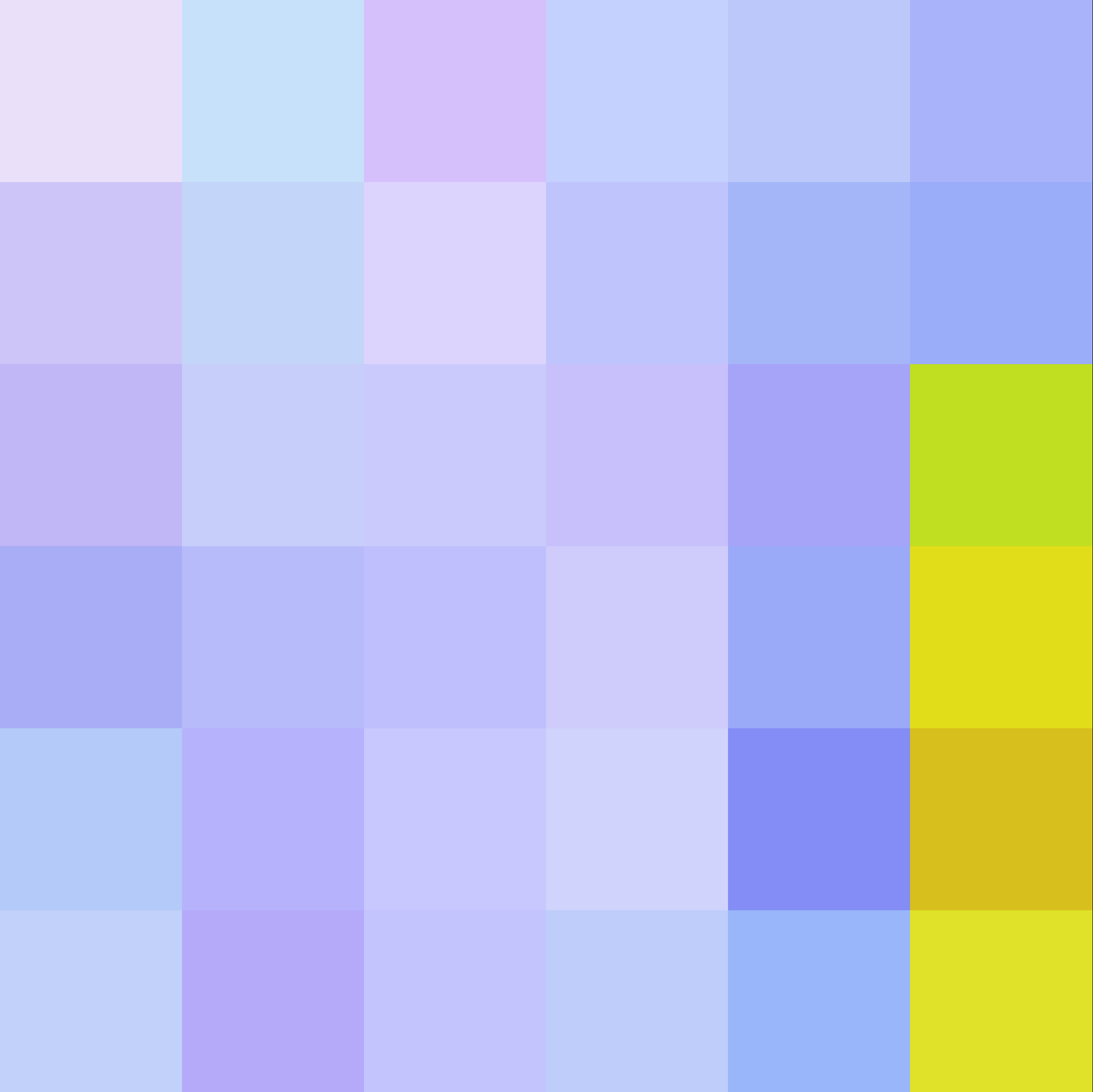
Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some green, some yellow, a bit of orange, a little bit of cyan, and a little bit of lime in it.

The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly blue, but it also has quite some cyan in it.
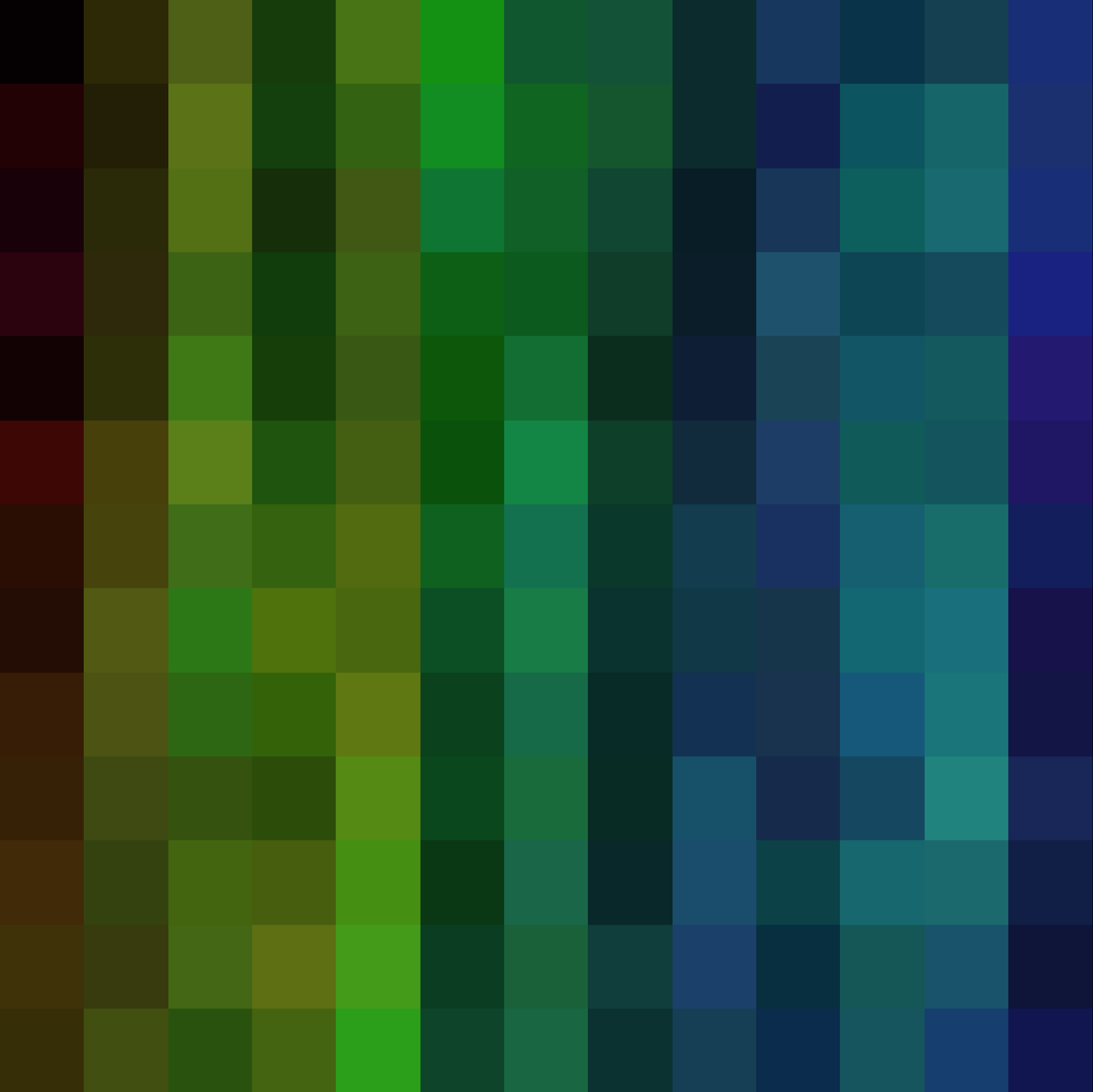
A grid with 64 coloured squares that form a gradient. The colours are various shades of mostly yellow, and it also has some green, some orange, and a bit of lime in it.

There's a pixel gradient in this 6 by 6 grid. It is mostly blue, but it also has quite some indigo, some yellow, and a little bit of violet in it.
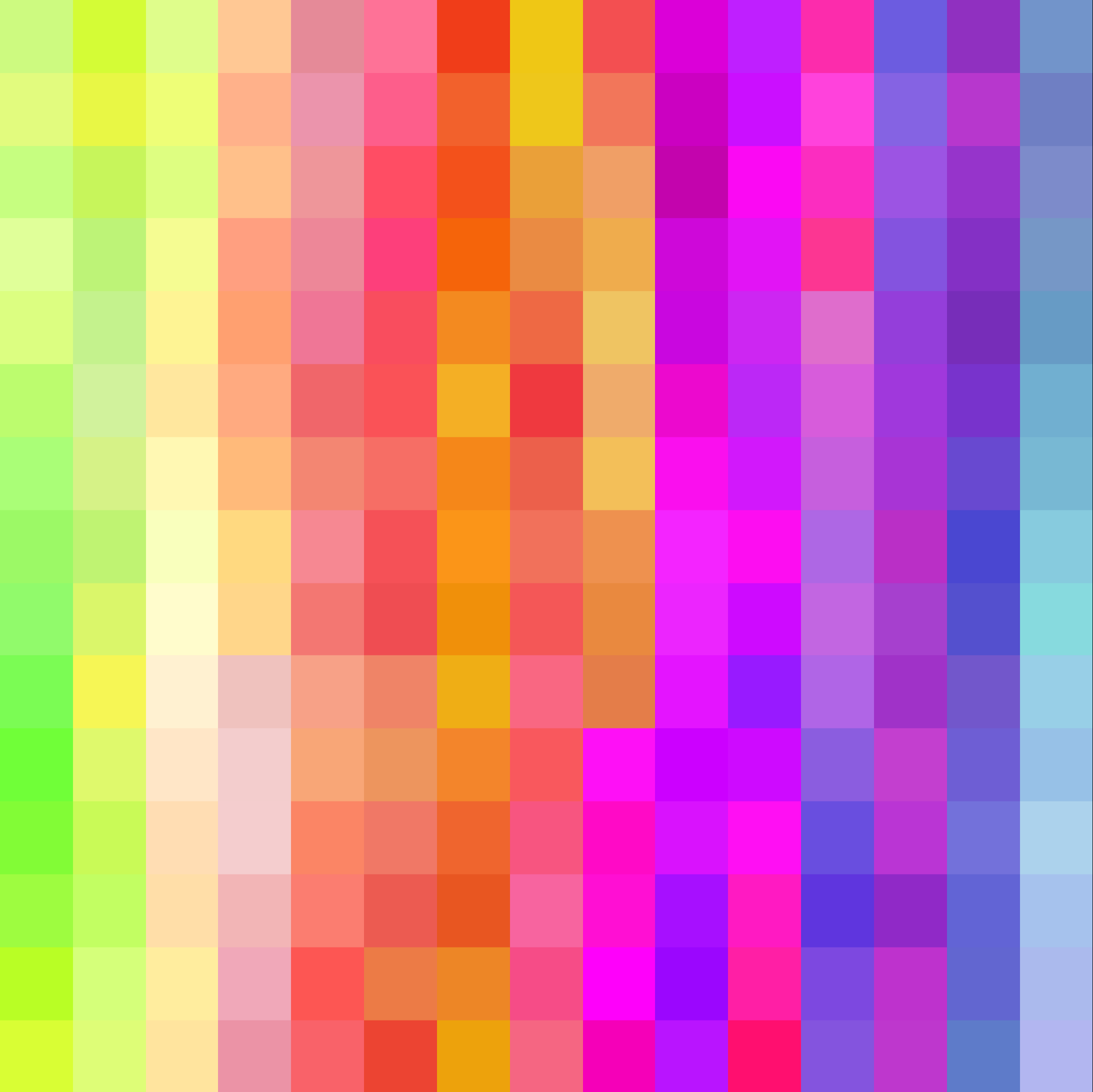
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly red, but it also has some orange, some magenta, some purple, a bit of blue, a bit of green, a bit of lime, a little bit of yellow, a little bit of indigo, a little bit of violet, a tiny bit of rose, and a tiny bit of cyan in it.

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

A very, very colourful grid of 256 blocks. It's mostly red, and it also has a bit of blue, a little bit of indigo, a little bit of purple, a little bit of magenta, a little bit of cyan, a little bit of yellow, a tiny bit of orange, a tiny bit of violet, and a tiny bit of lime in it.
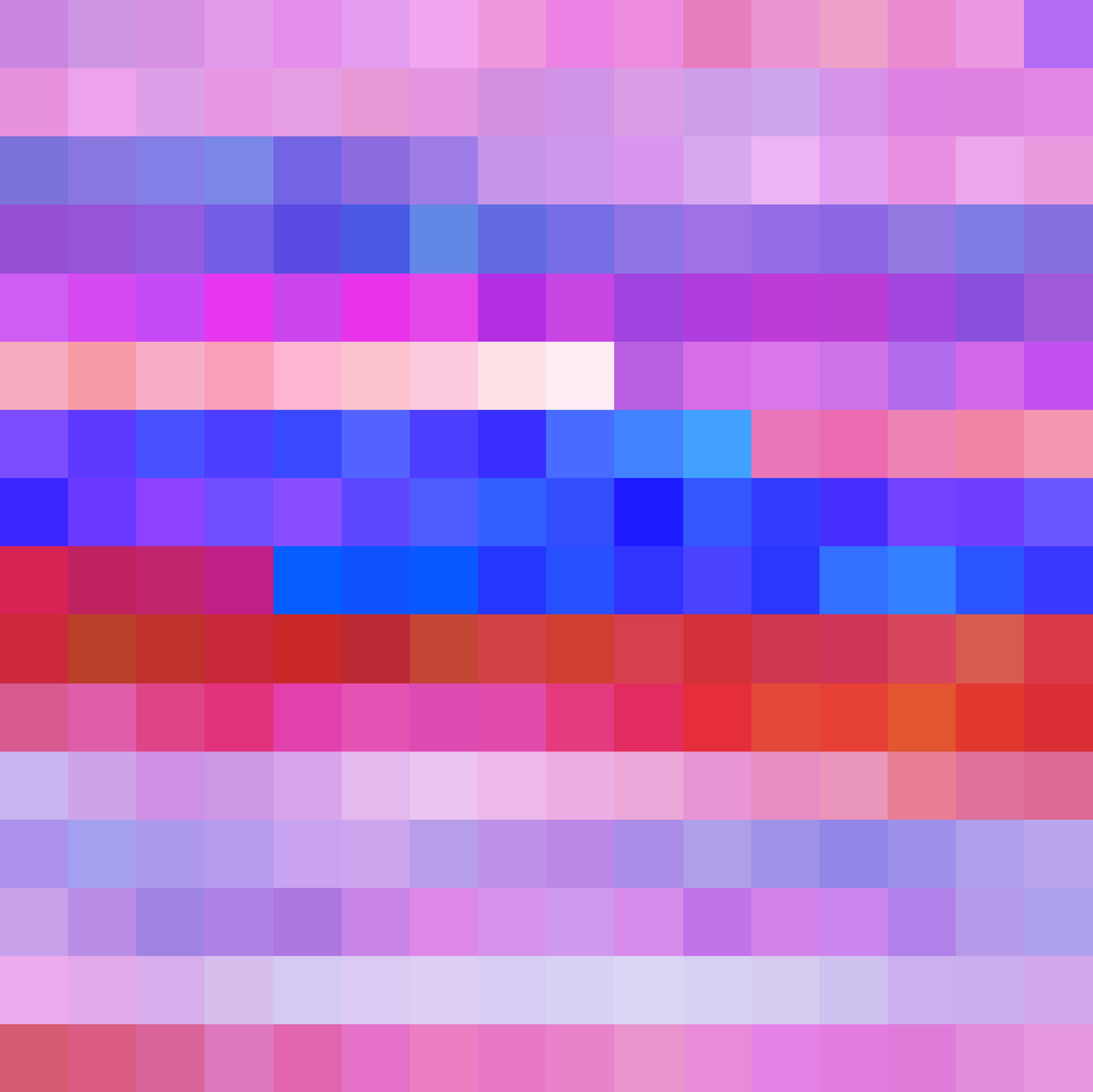
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some blue, some cyan, and a tiny bit of lime in it.
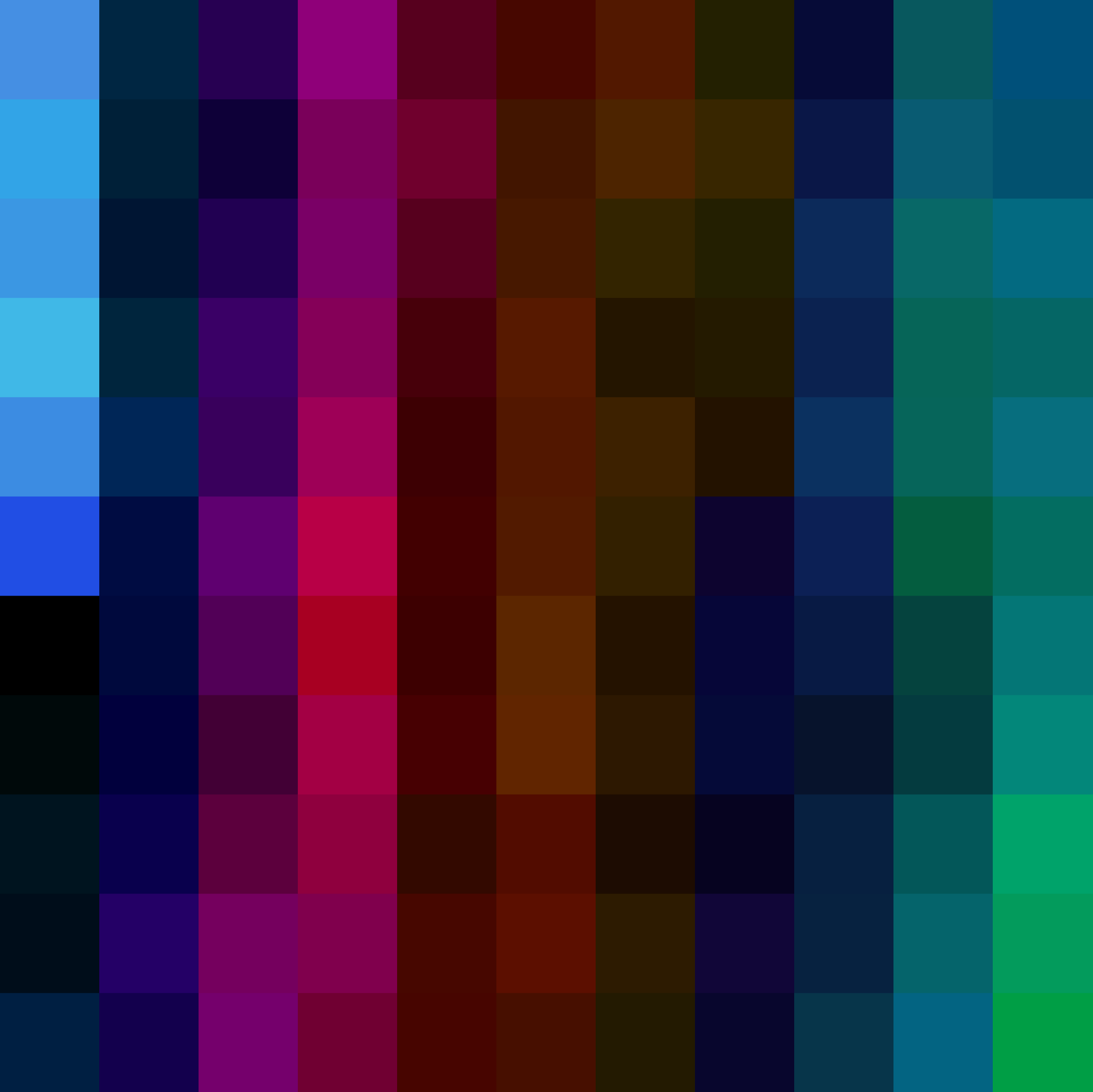
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly blue, and it also has some orange, some cyan, some red, a bit of magenta, a bit of indigo, a bit of rose, a little bit of green, a tiny bit of violet, a tiny bit of purple, and a tiny bit of yellow in it.
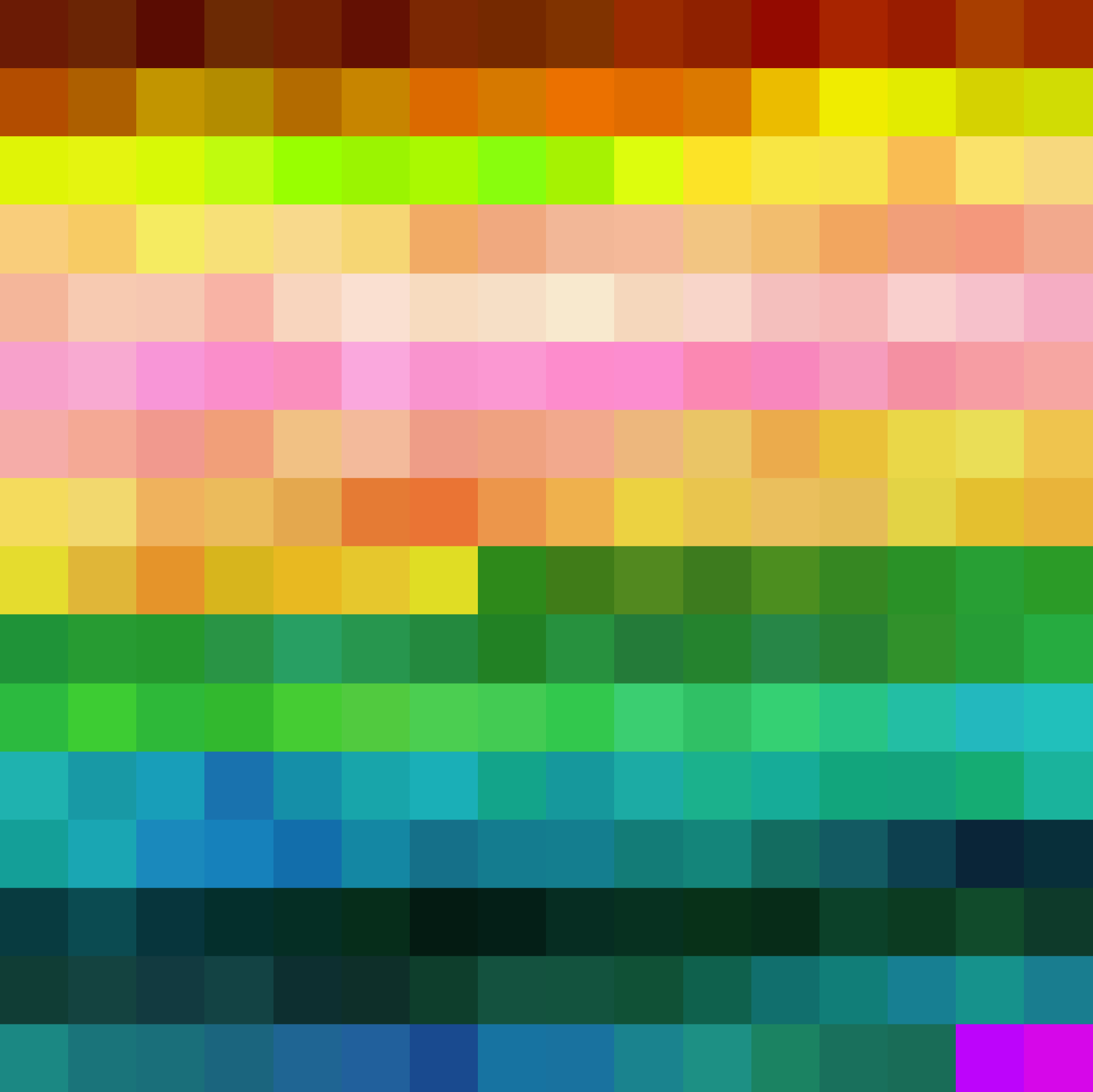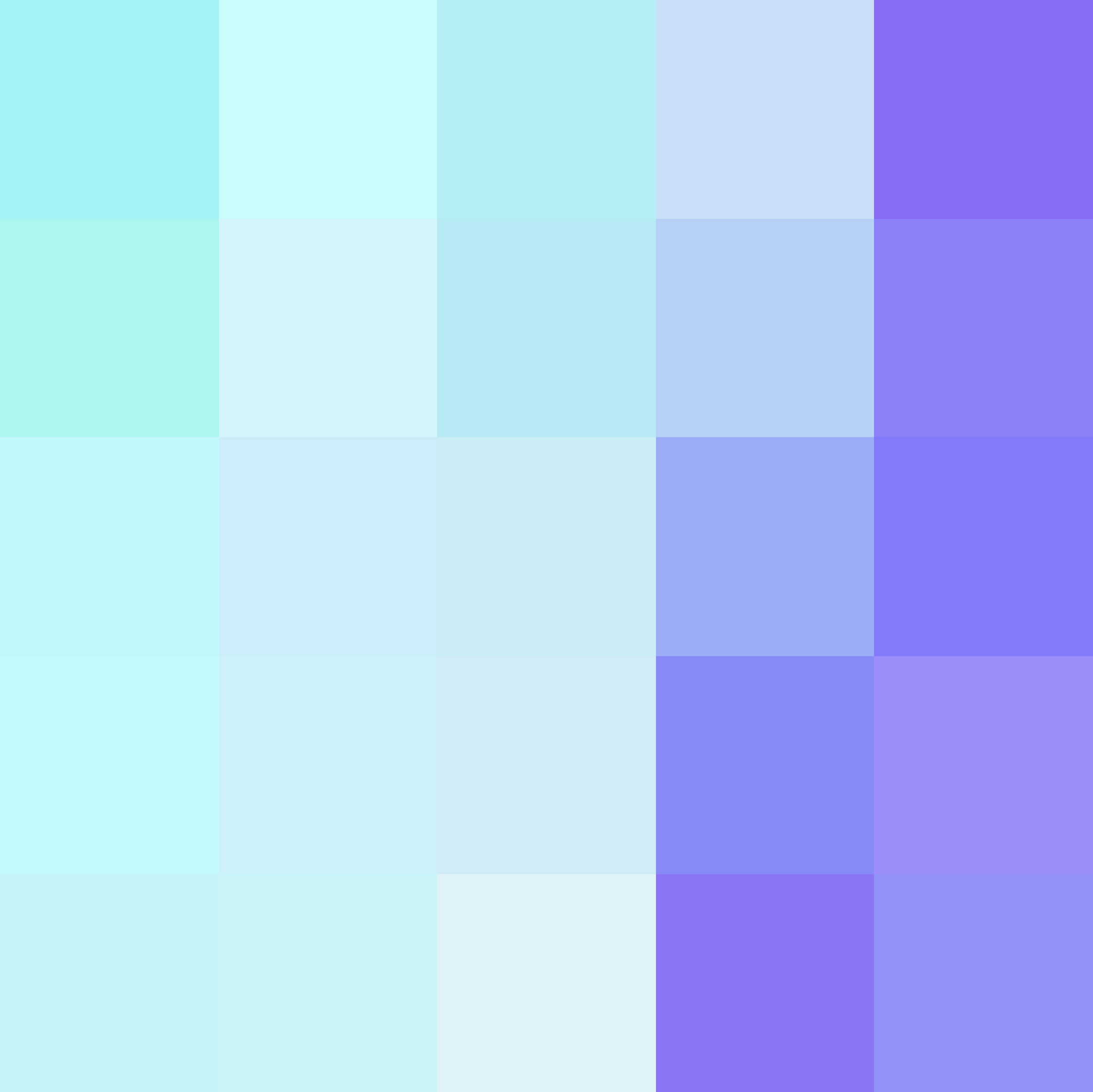
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly orange, but it also has quite some green, quite some cyan, some red, some yellow, a little bit of blue, a tiny bit of lime, a tiny bit of purple, and a tiny bit of magenta in it.

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

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

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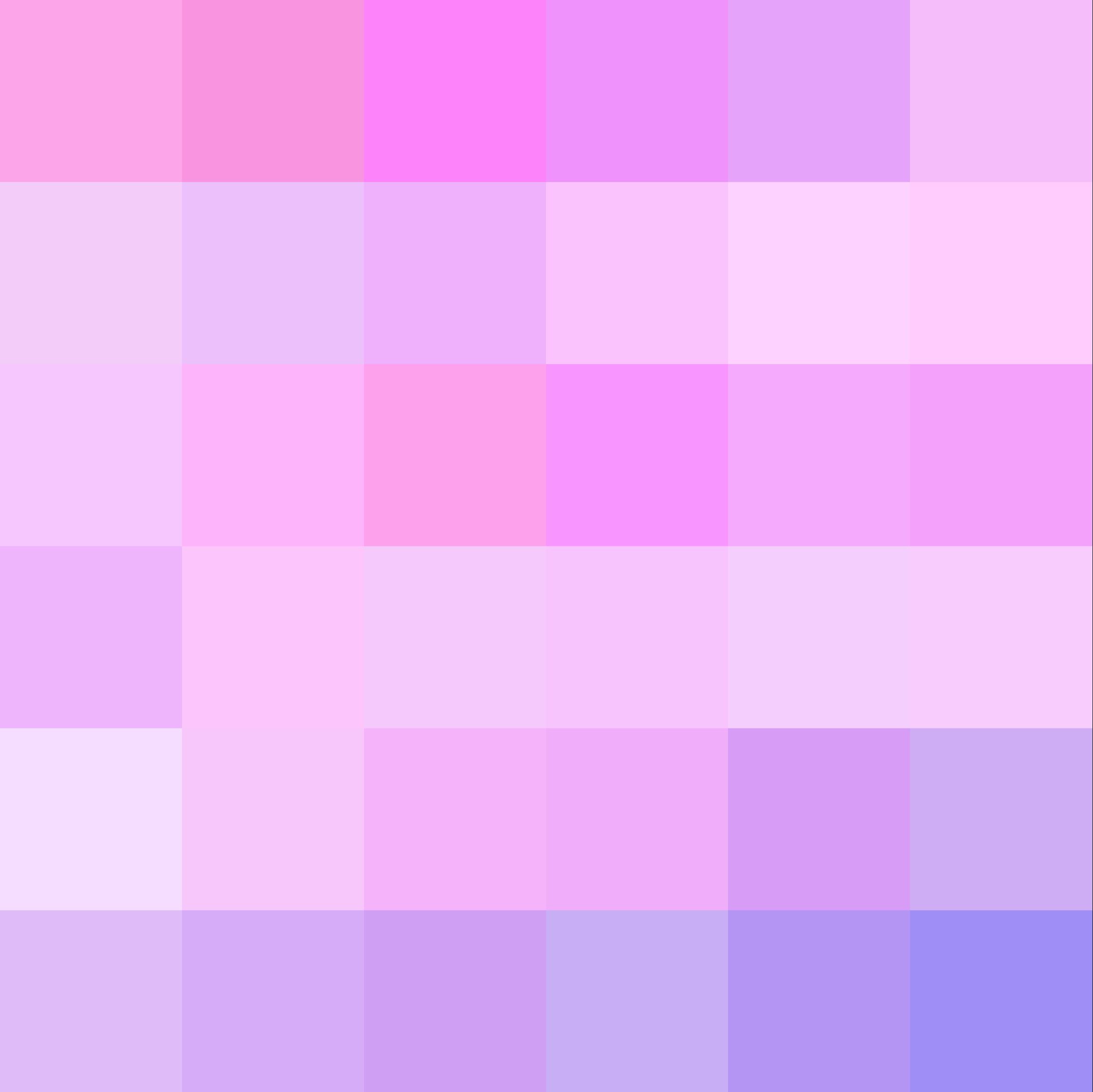
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly magenta, but it also has quite some purple, a little bit of violet, and a little bit of indigo in it.

Here's a 10 by 10 pixelated grid that forms a gradient. It is mostly red, but it also has quite some orange, and some yellow in it.
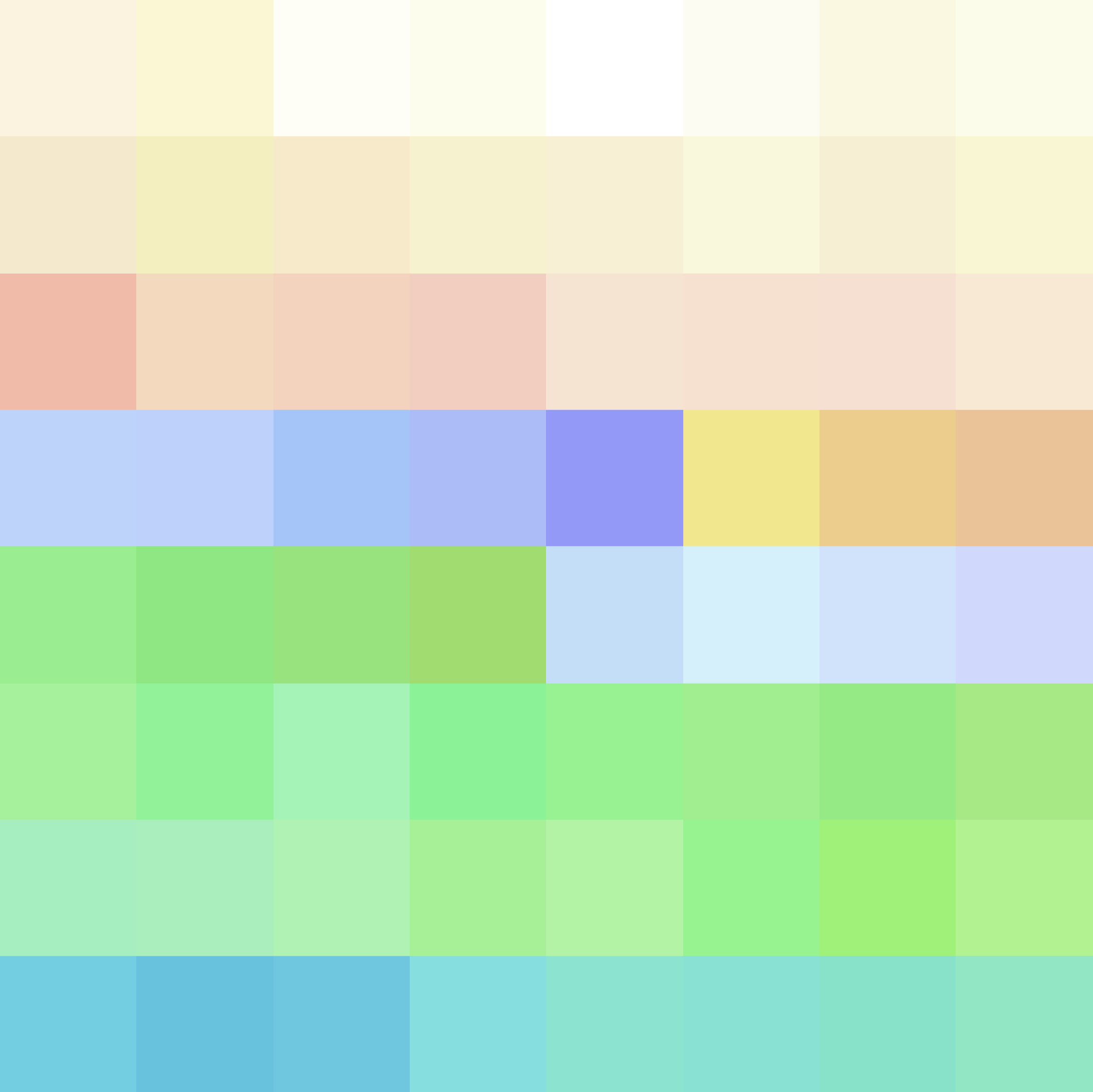
This colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly red, but it also has some magenta, a bit of orange, a tiny bit of purple, and a tiny bit of yellow in it.
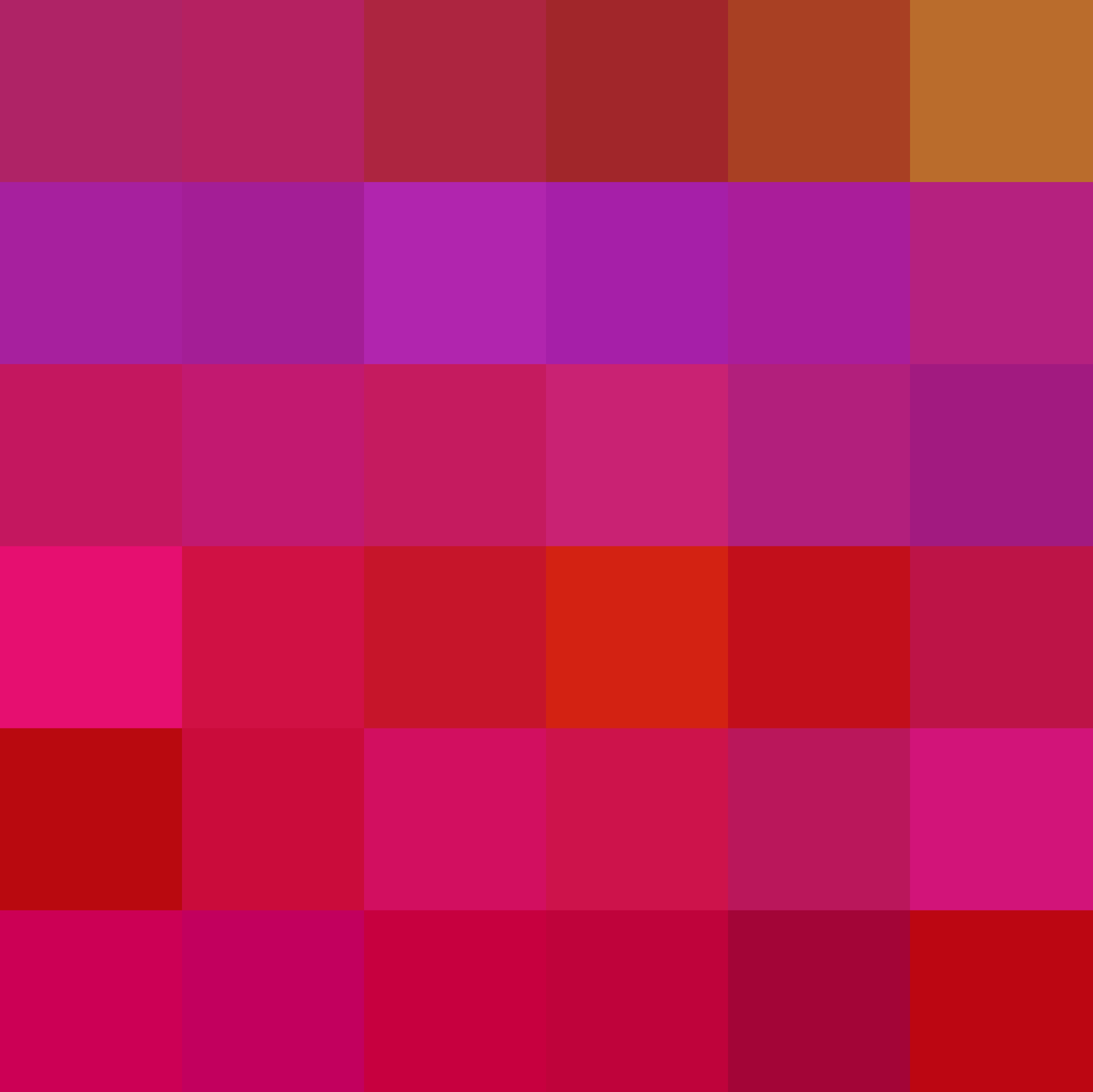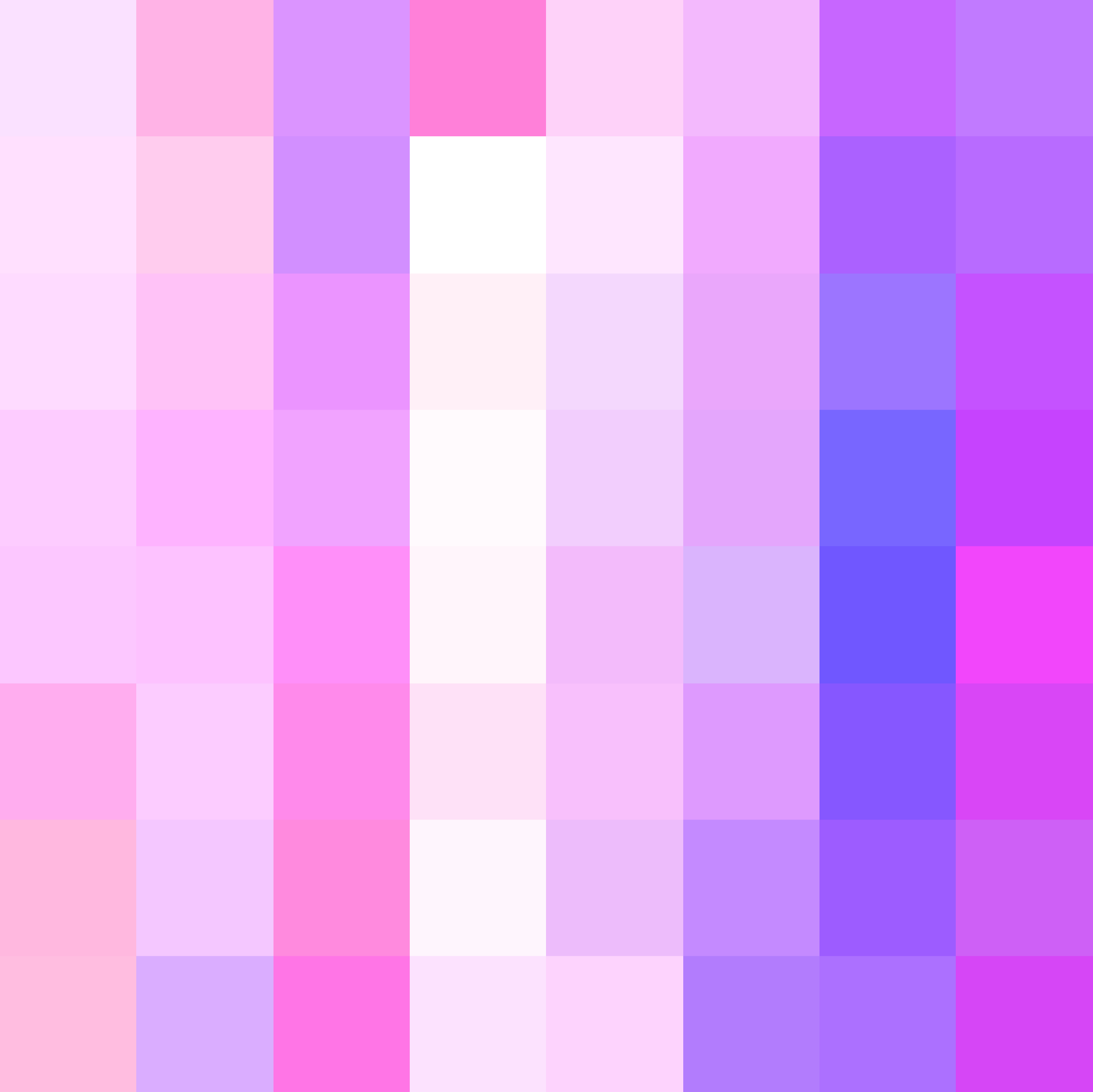
A grid with 36 coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has a little bit of orange in it.
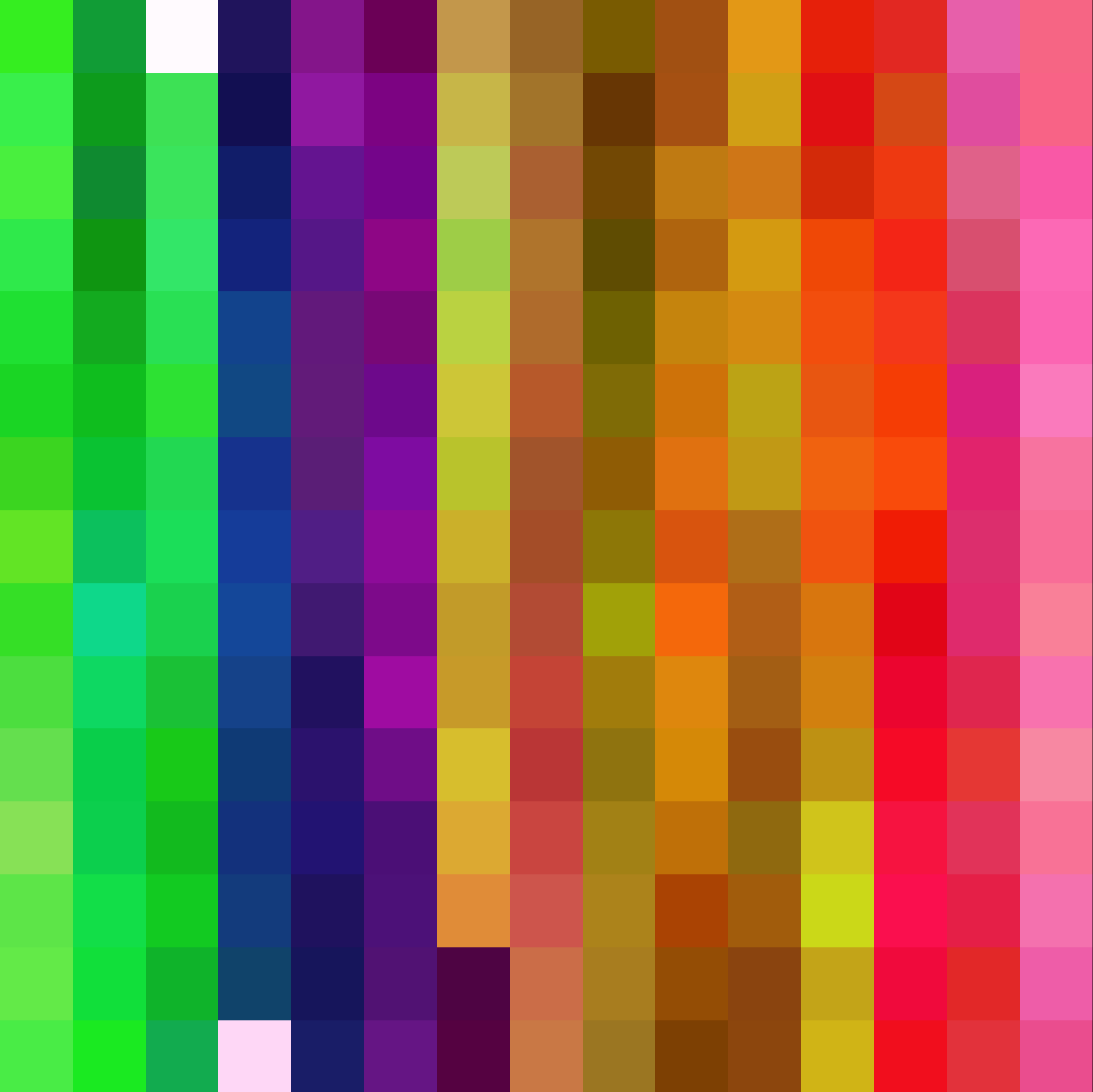
A very, very colourful grid of 225 blocks. It's mostly orange, but it also has quite some red, quite some green, a bit of yellow, a little bit of magenta, a little bit of blue, a little bit of purple, a little bit of indigo, and a tiny bit of violet in it.

The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly green, and it also has quite some yellow, quite some orange, some blue, and a bit of cyan in it.
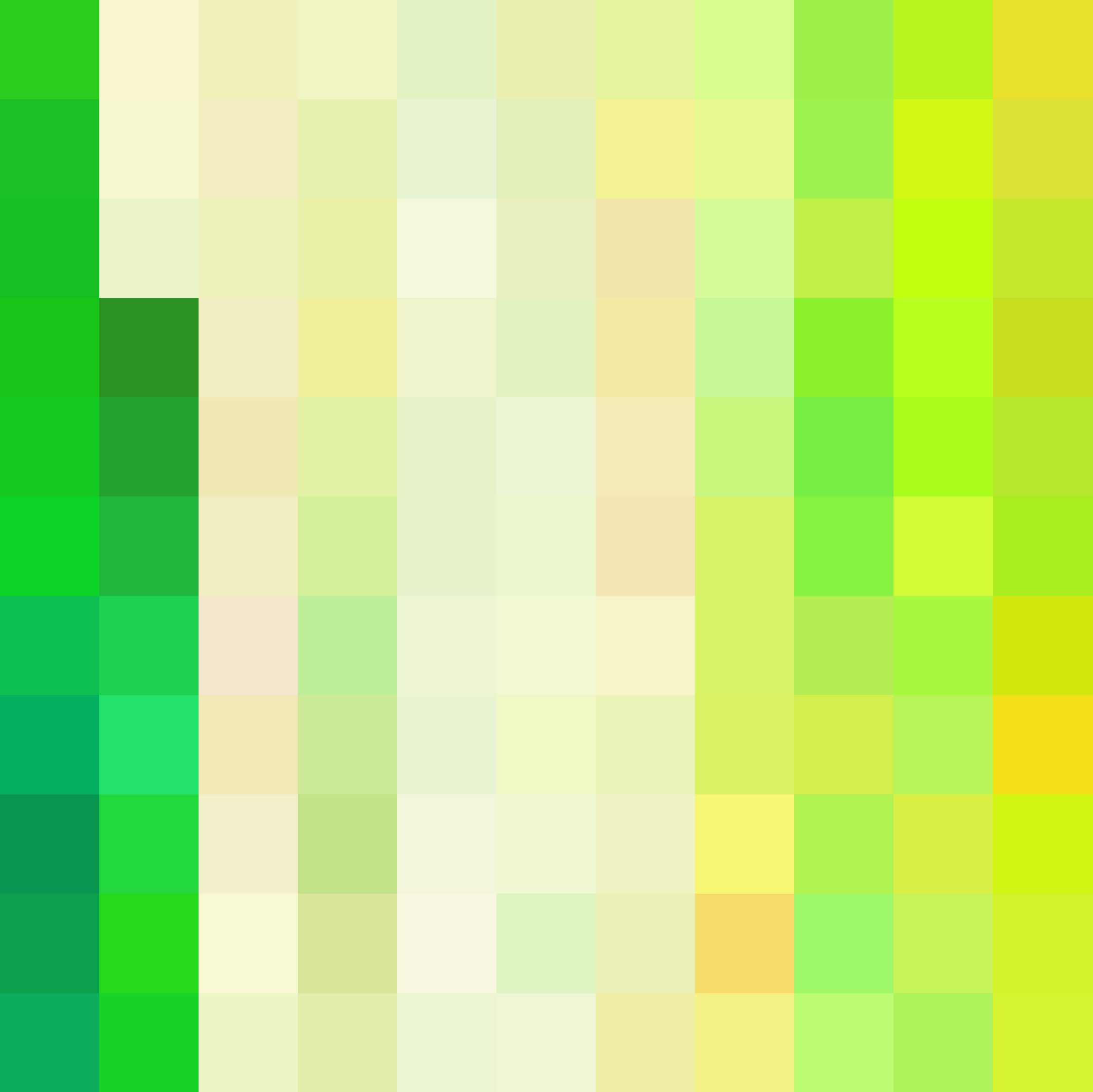
A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, a bit of violet, a little bit of indigo, and a little bit of rose in it.
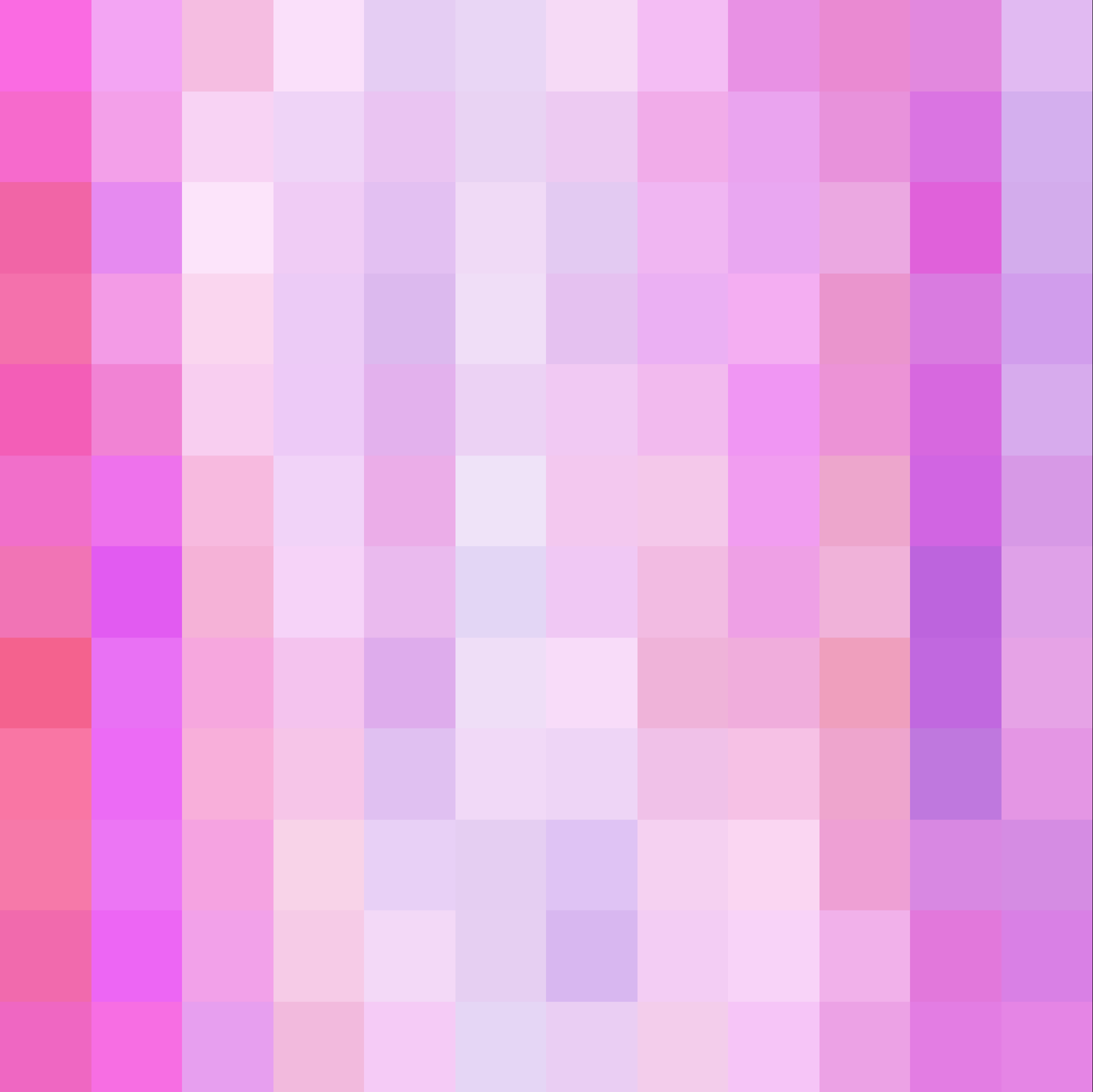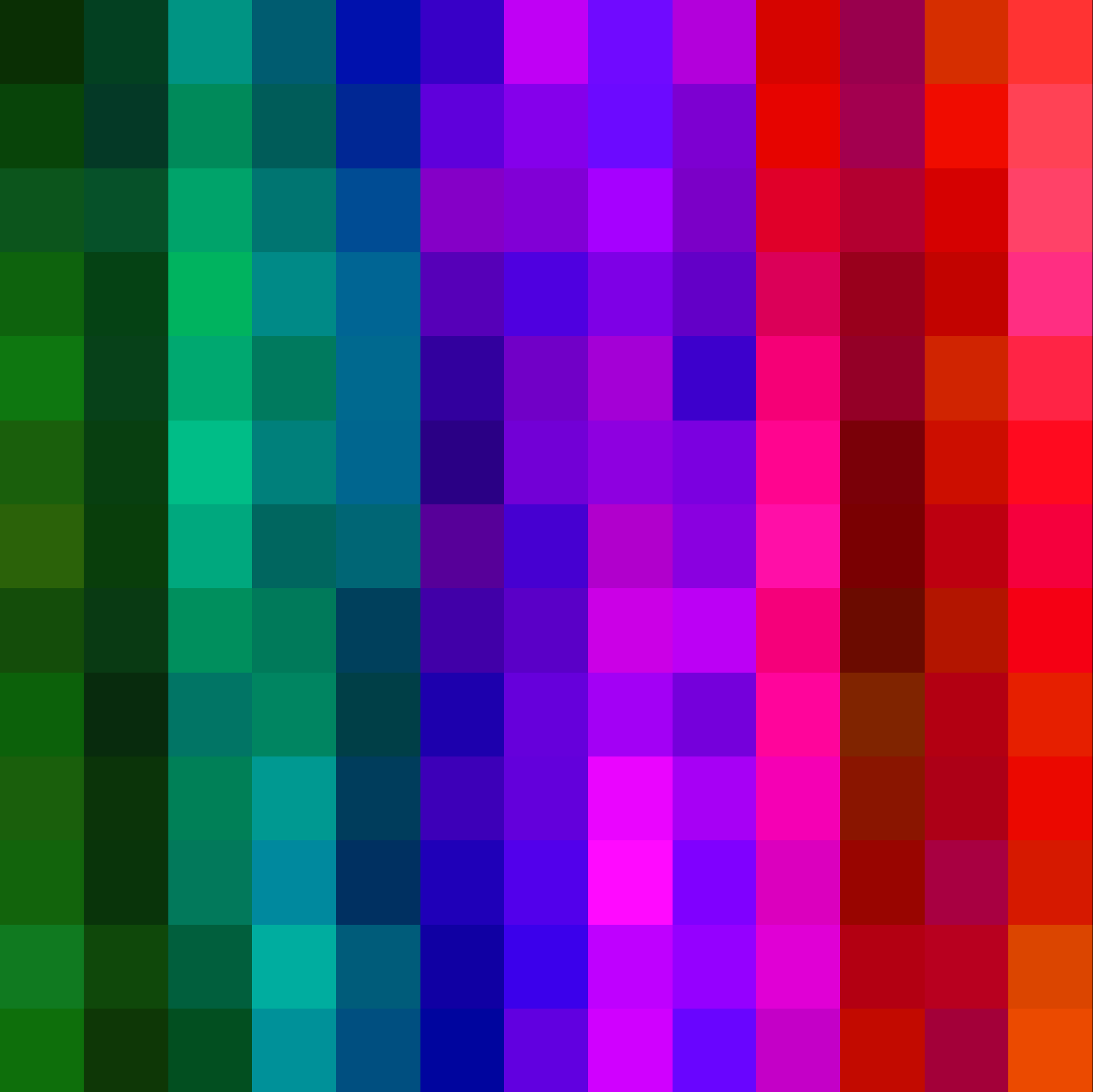
A grid with 144 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some purple, a bit of rose, and a tiny bit of violet in it.
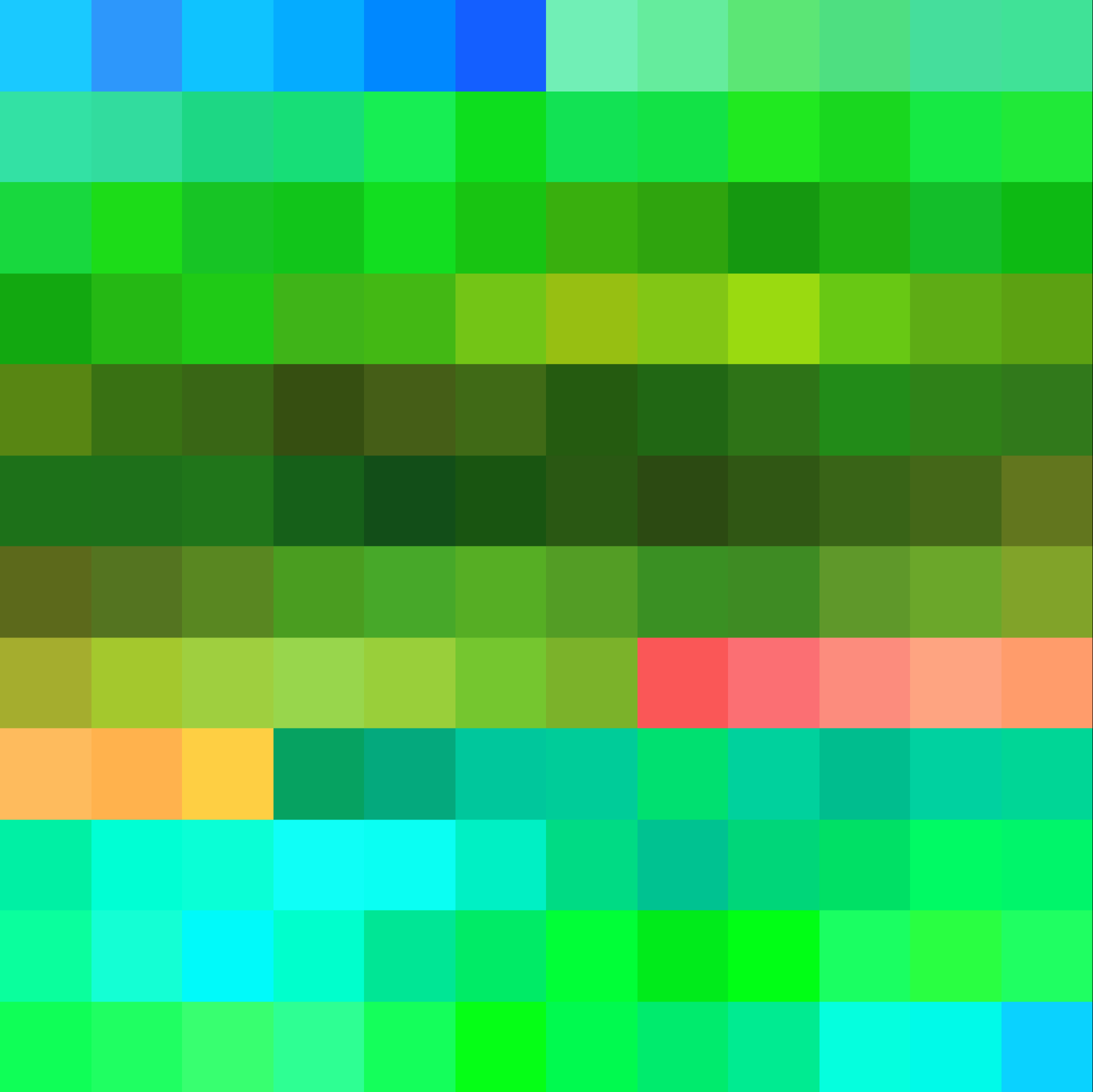
This very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, but it also has some cyan, a little bit of blue, a little bit of lime, a little bit of orange, a tiny bit of red, and a tiny bit of yellow in it.

Here's an 11 by 11 pixelated grid that forms a gradient. It is mostly yellow, and it also has quite some green, quite some lime, and a tiny bit of orange in it.

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has some red, some purple, some cyan, a bit of violet, a bit of blue, a bit of rose, a little bit of indigo, a little bit of magenta, and a tiny bit of orange in it.
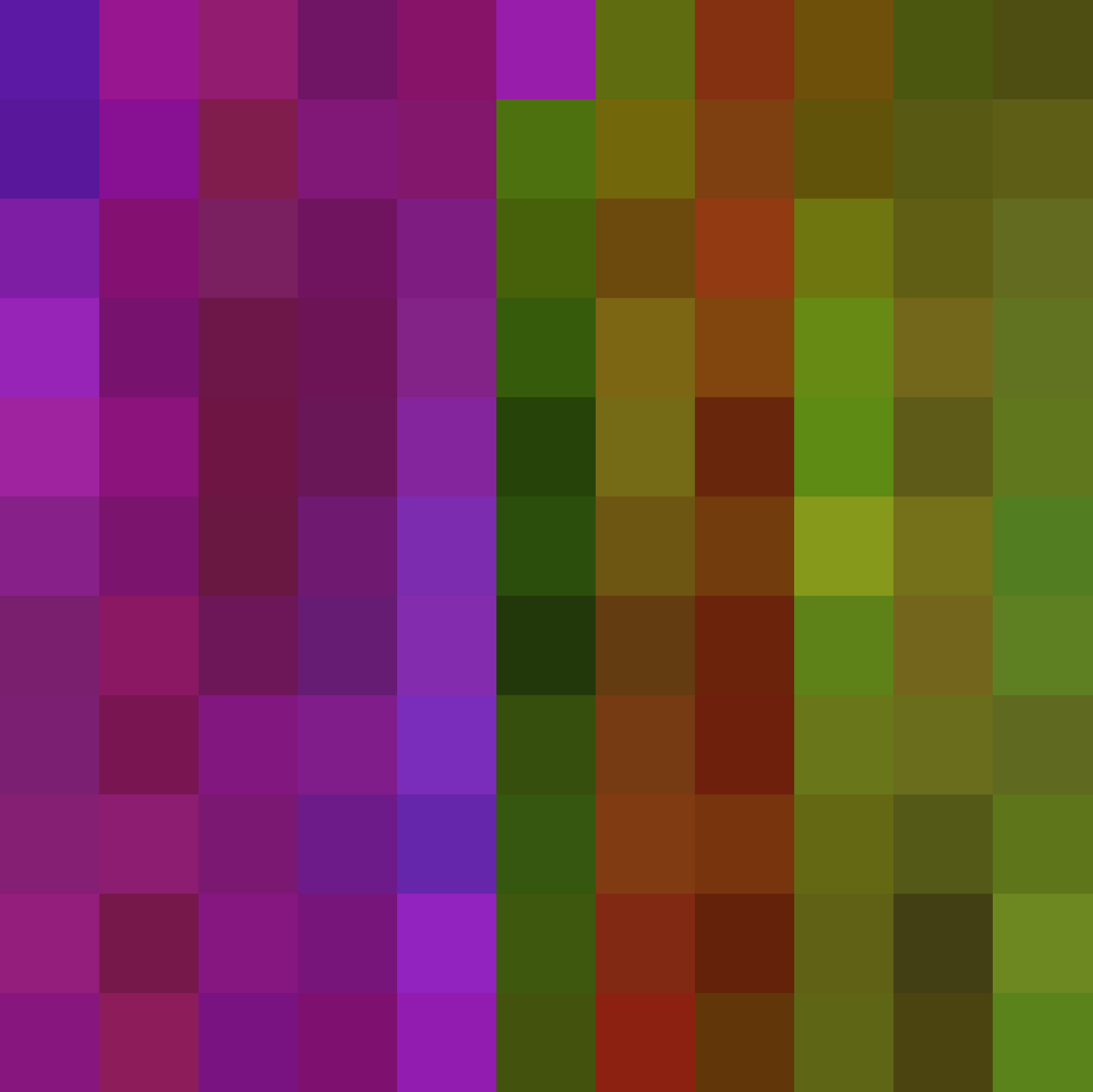
An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some yellow, some orange, some green, a bit of purple, a little bit of lime, a little bit of rose, a tiny bit of violet, and a tiny bit of red in it.
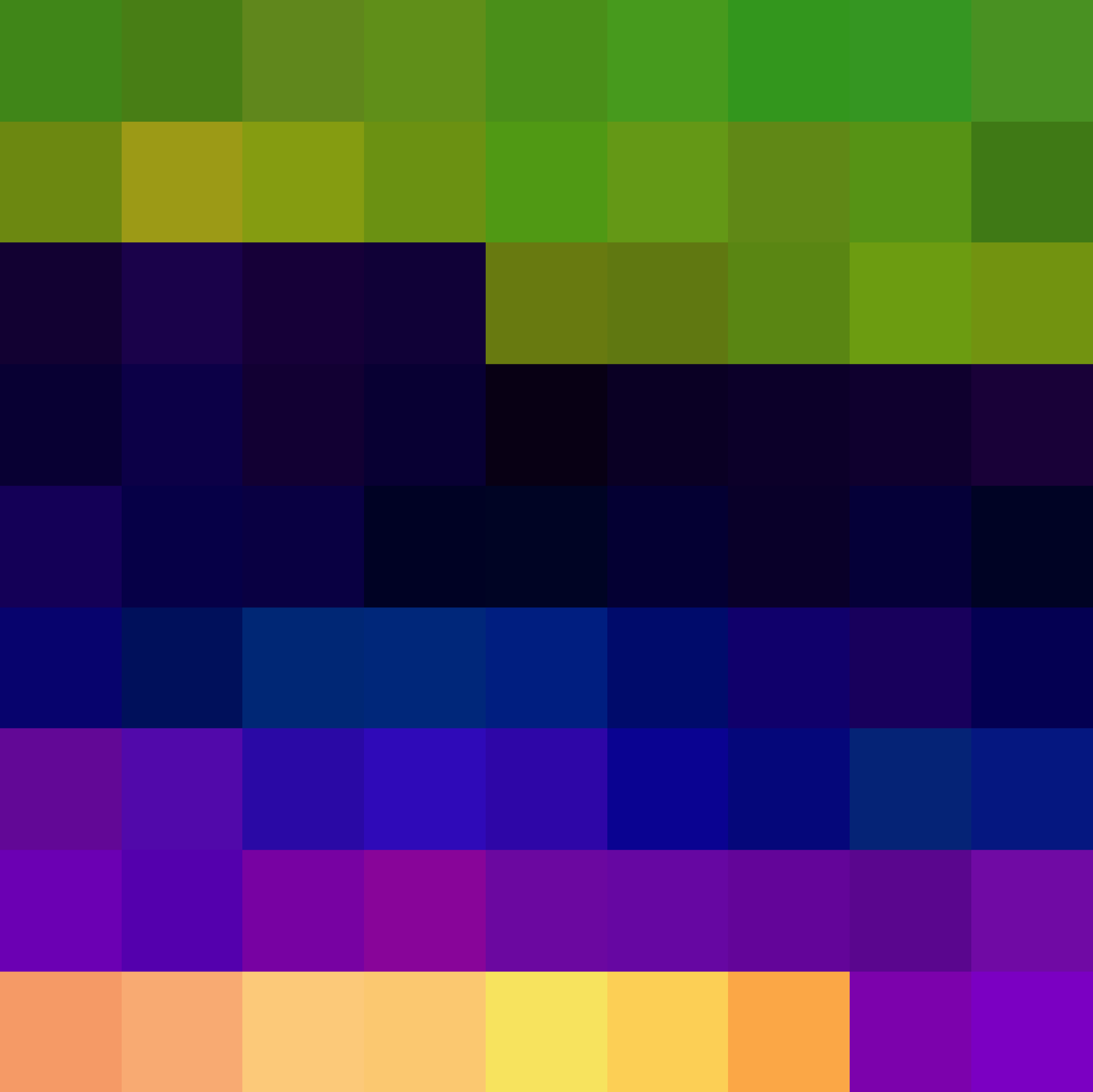
A grid with 81 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly indigo, and it also has quite some green, some blue, some purple, a bit of violet, a bit of orange, a little bit of lime, a little bit of yellow, and a tiny bit of magenta in it.
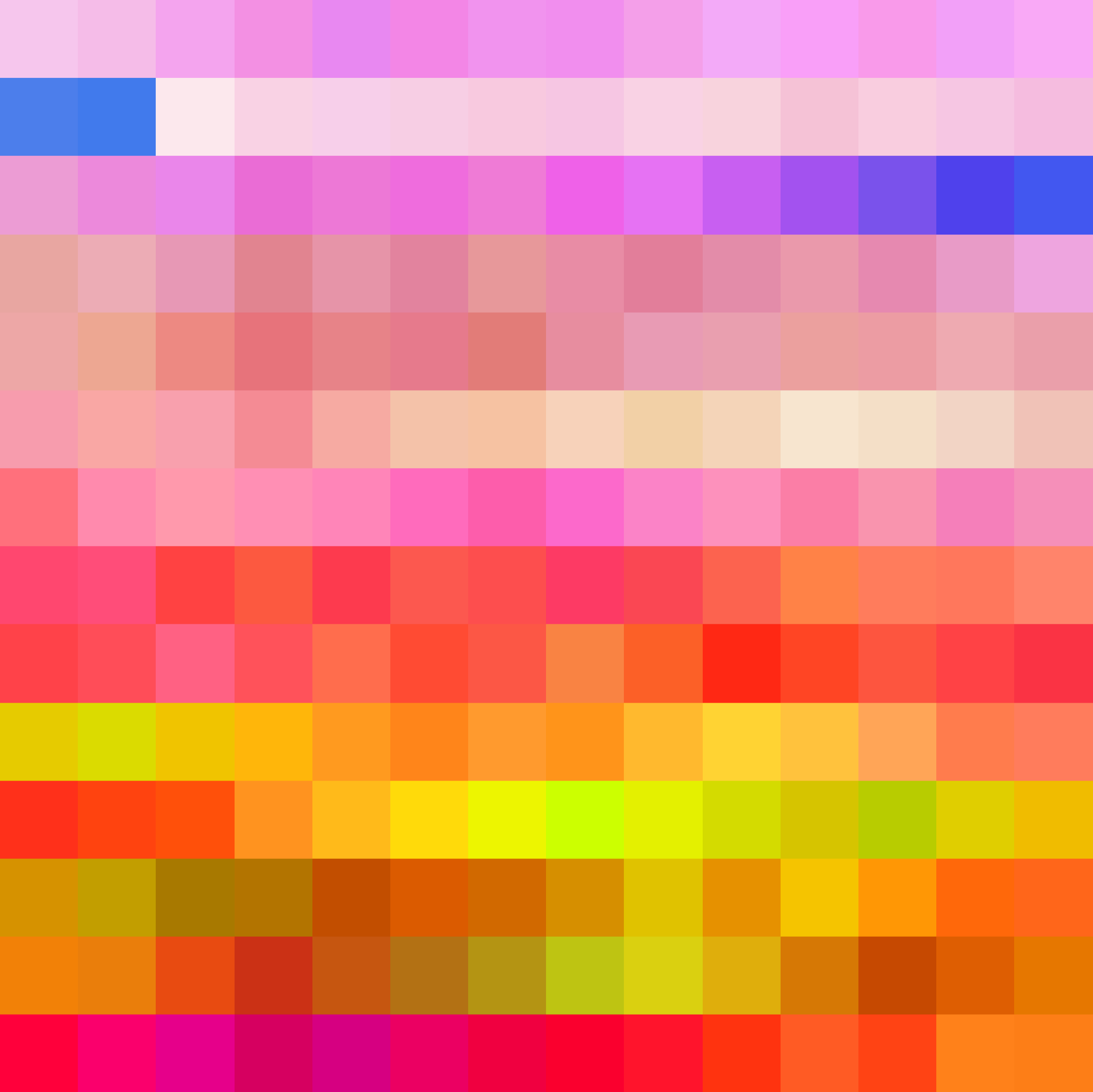
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some magenta, some rose, a bit of yellow, a tiny bit of blue, a tiny bit of indigo, a tiny bit of purple, and a tiny bit of lime in it.

A 7 by 7 grid with coloured squares that form a
colourful gradient. The colours are various
shades of mostly yellow, but it also has quite
some lime, quite some orange, a bit of green, and
a bit of red in it.
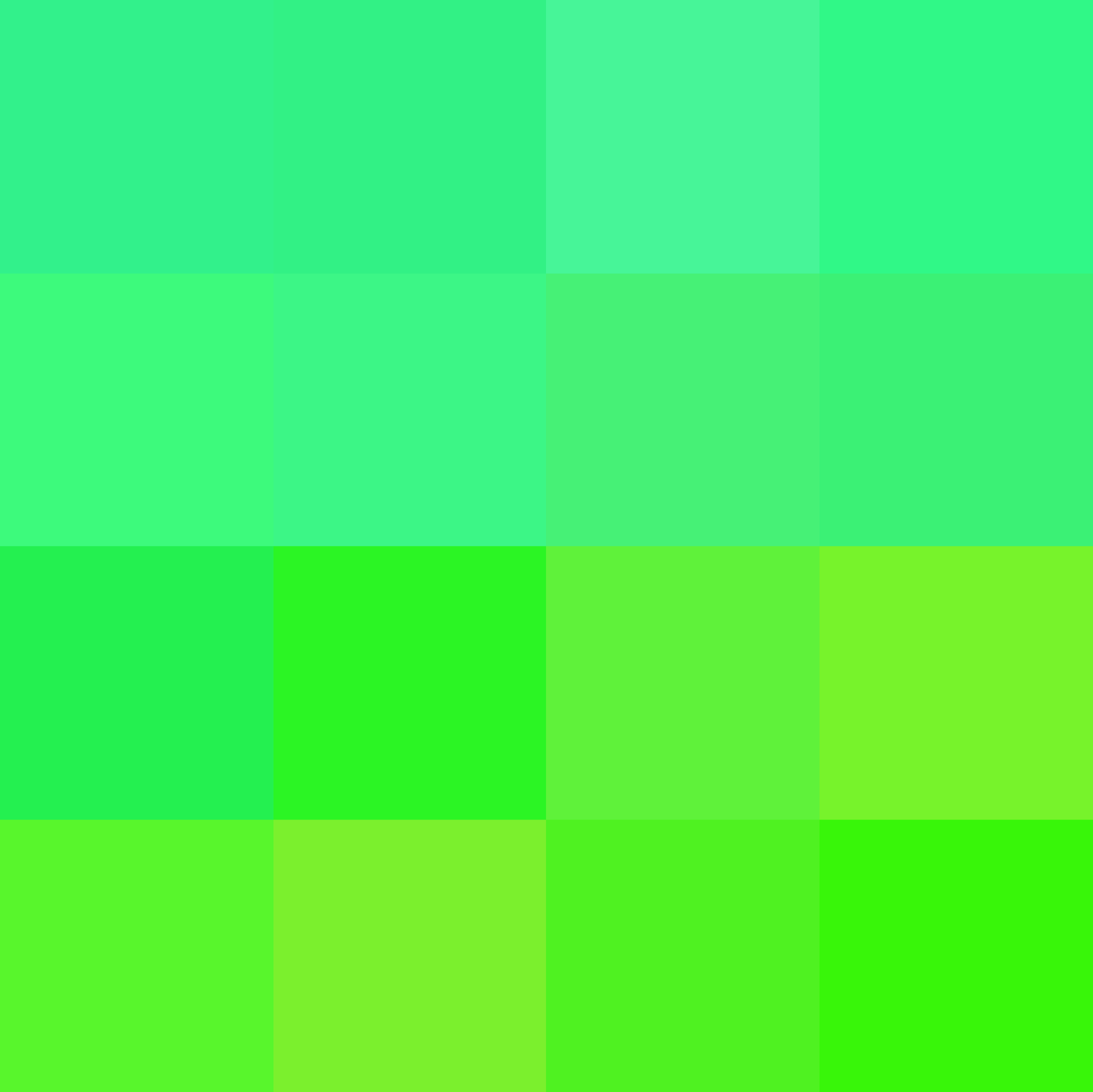
Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is green.
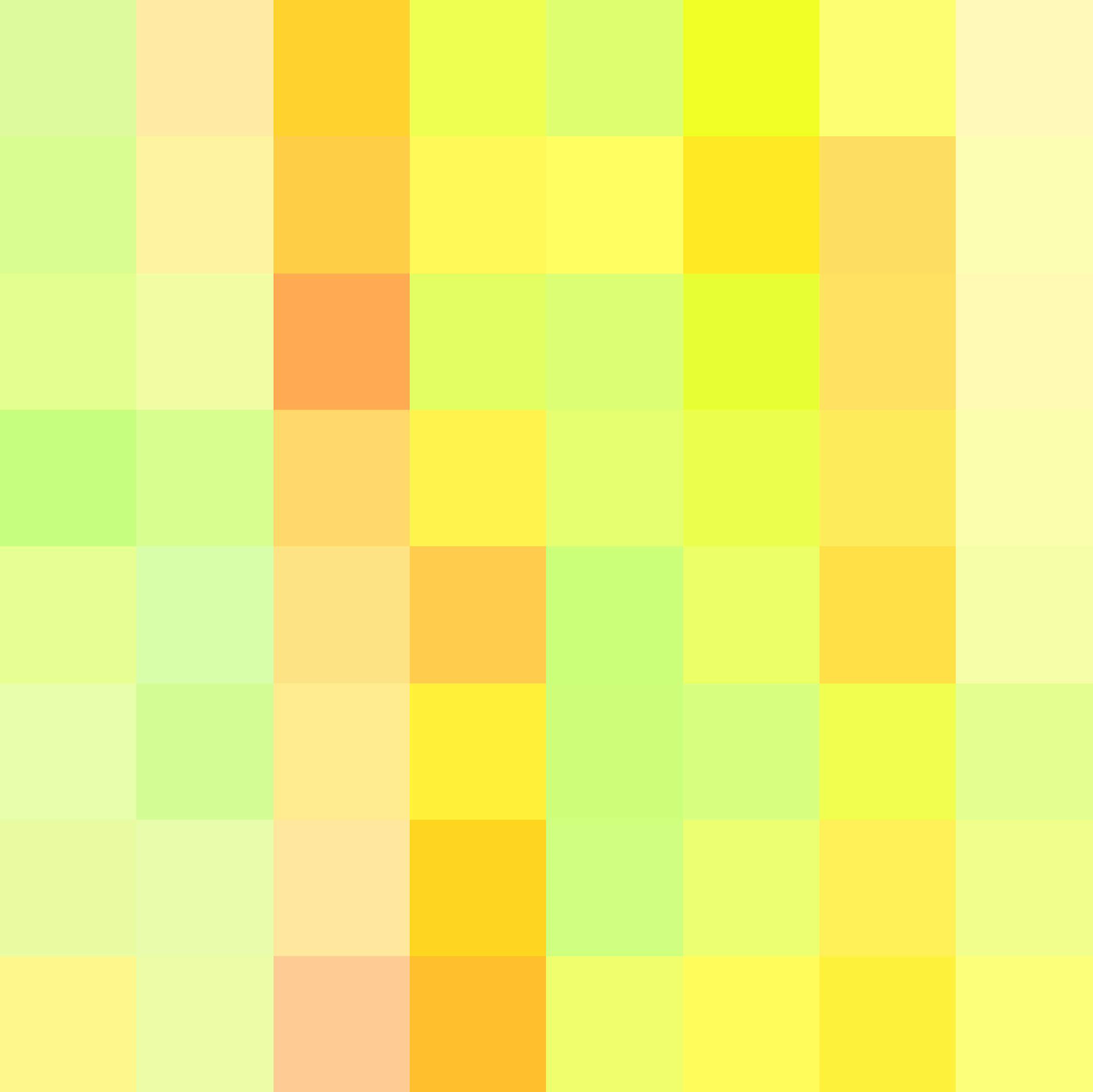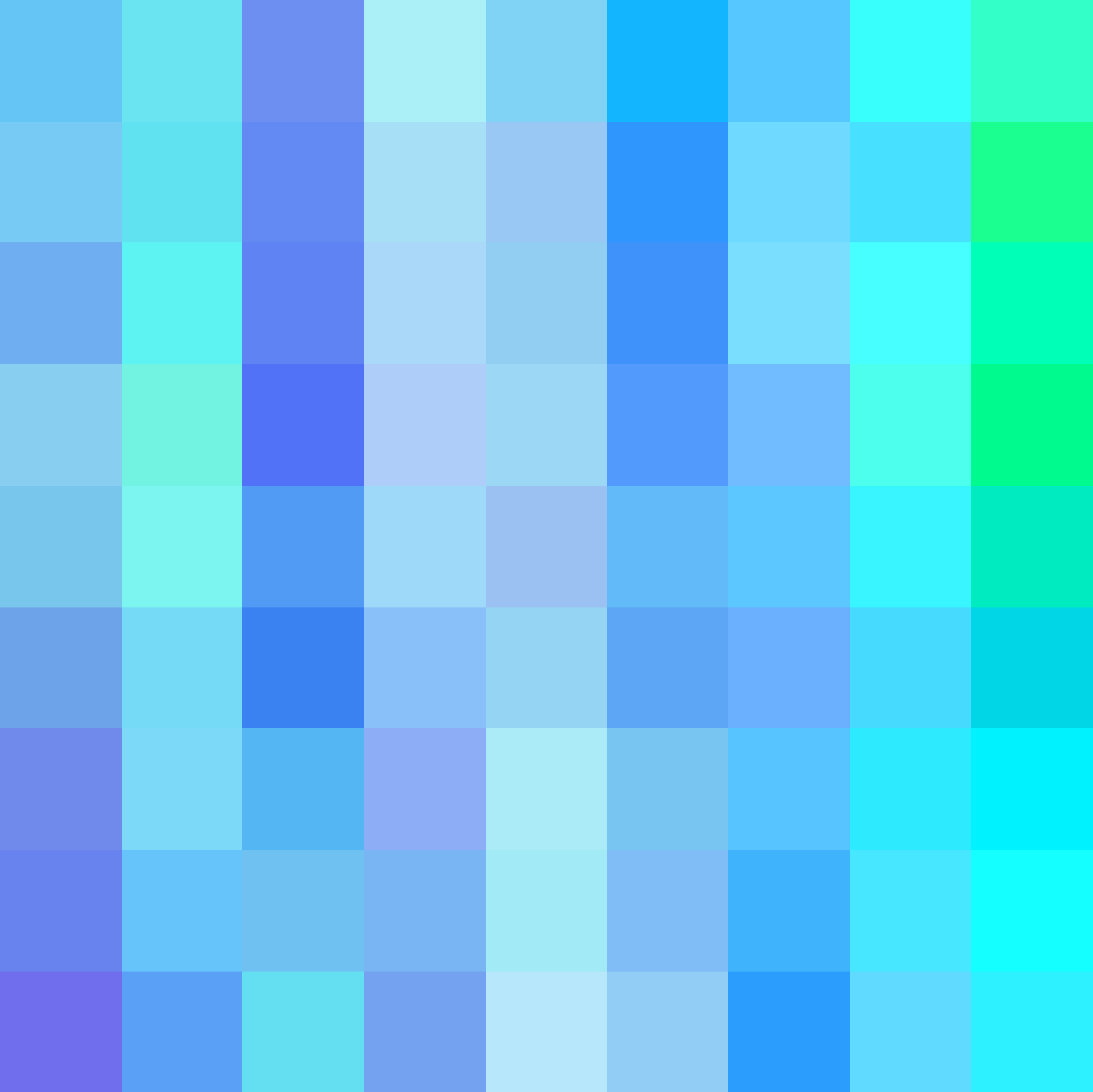
A grid of 64 blocks. It's mostly yellow, and it also has quite some lime, some green, and some orange in it.
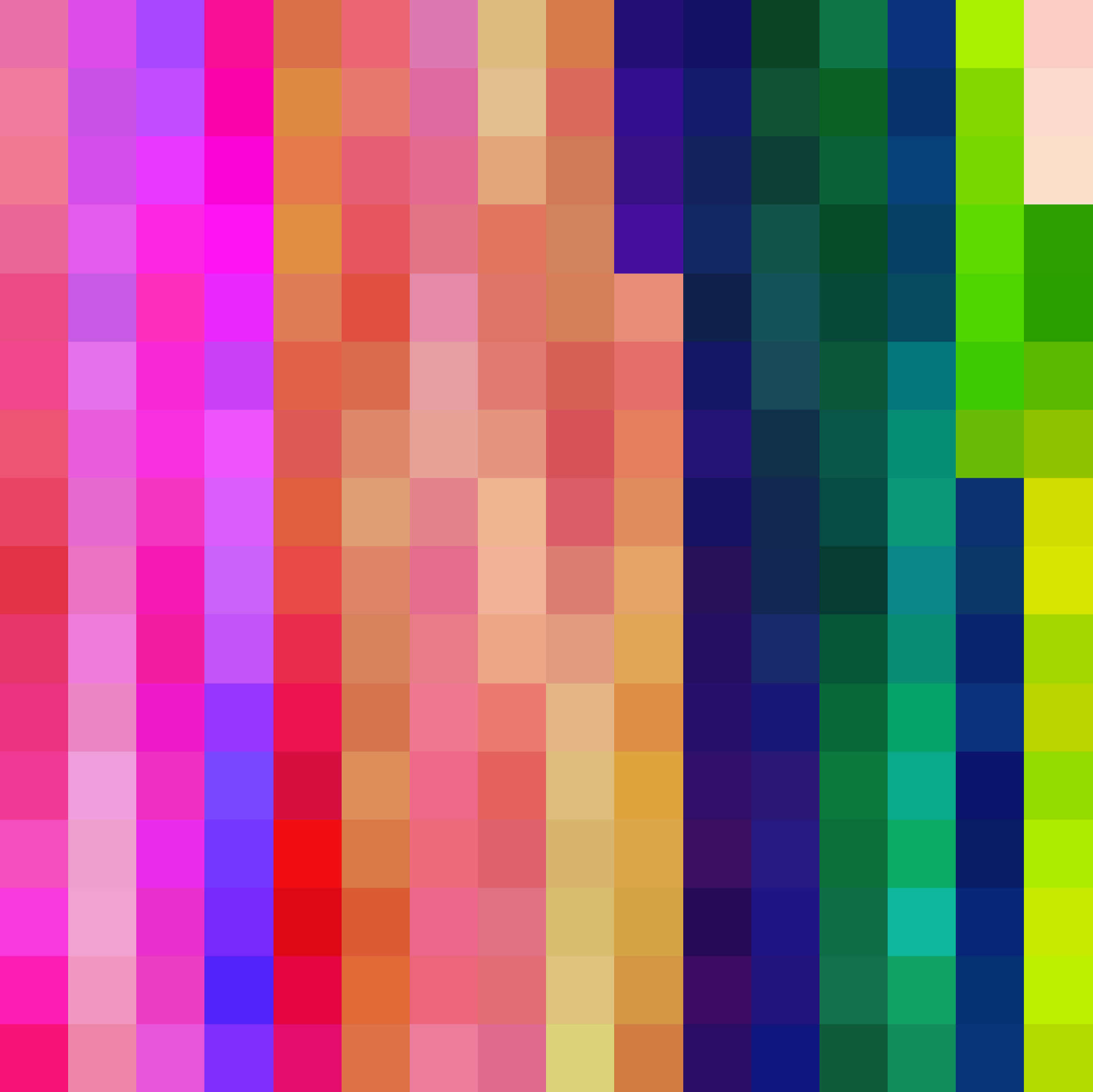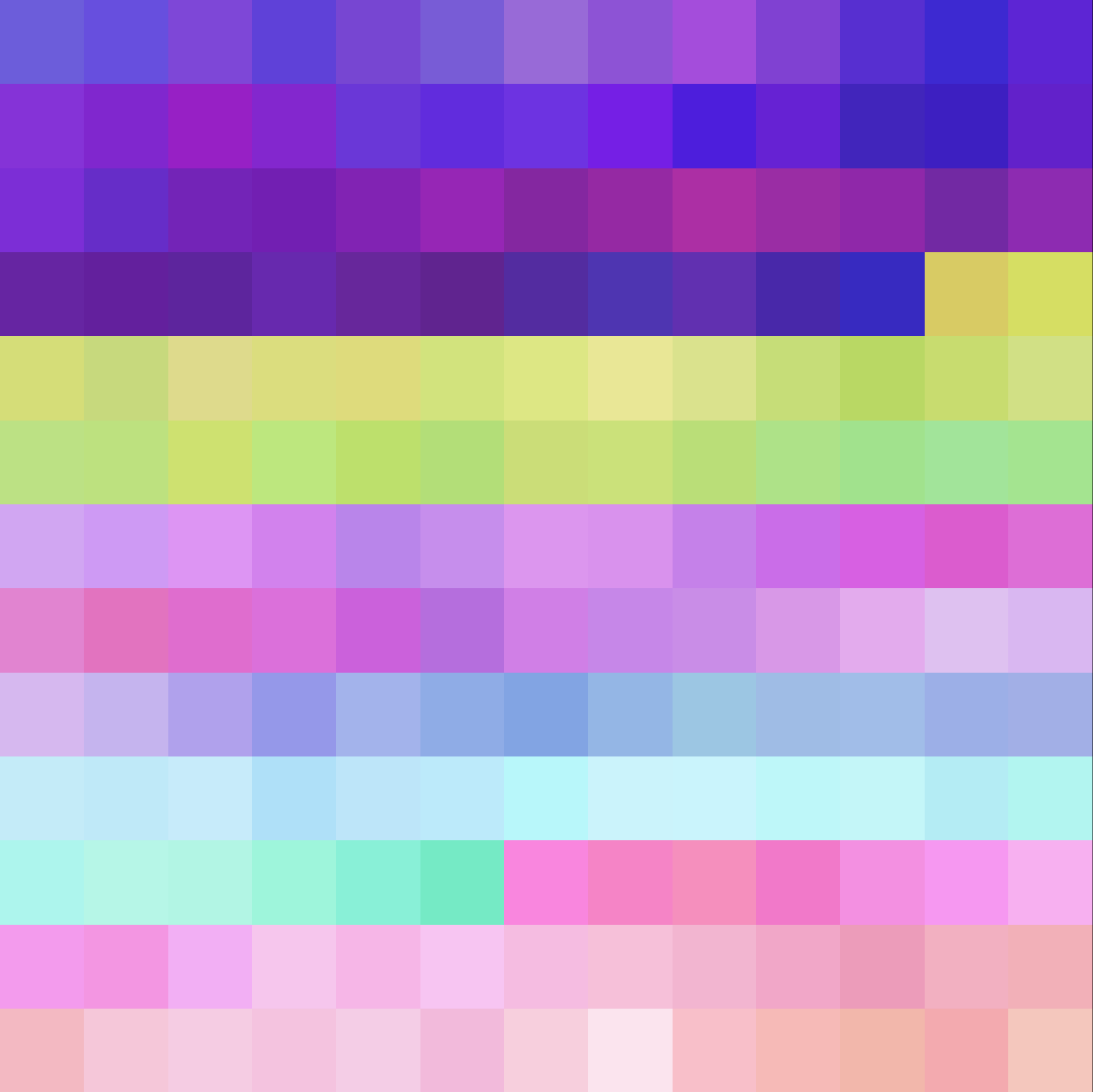
A very, very colourful grid of 256 blocks. It's mostly red, and it also has some orange, some magenta, some green, a bit of blue, a bit of rose, a bit of indigo, a little bit of cyan, a little bit of purple, a little bit of lime, a tiny bit of violet, and a tiny bit of yellow in it.
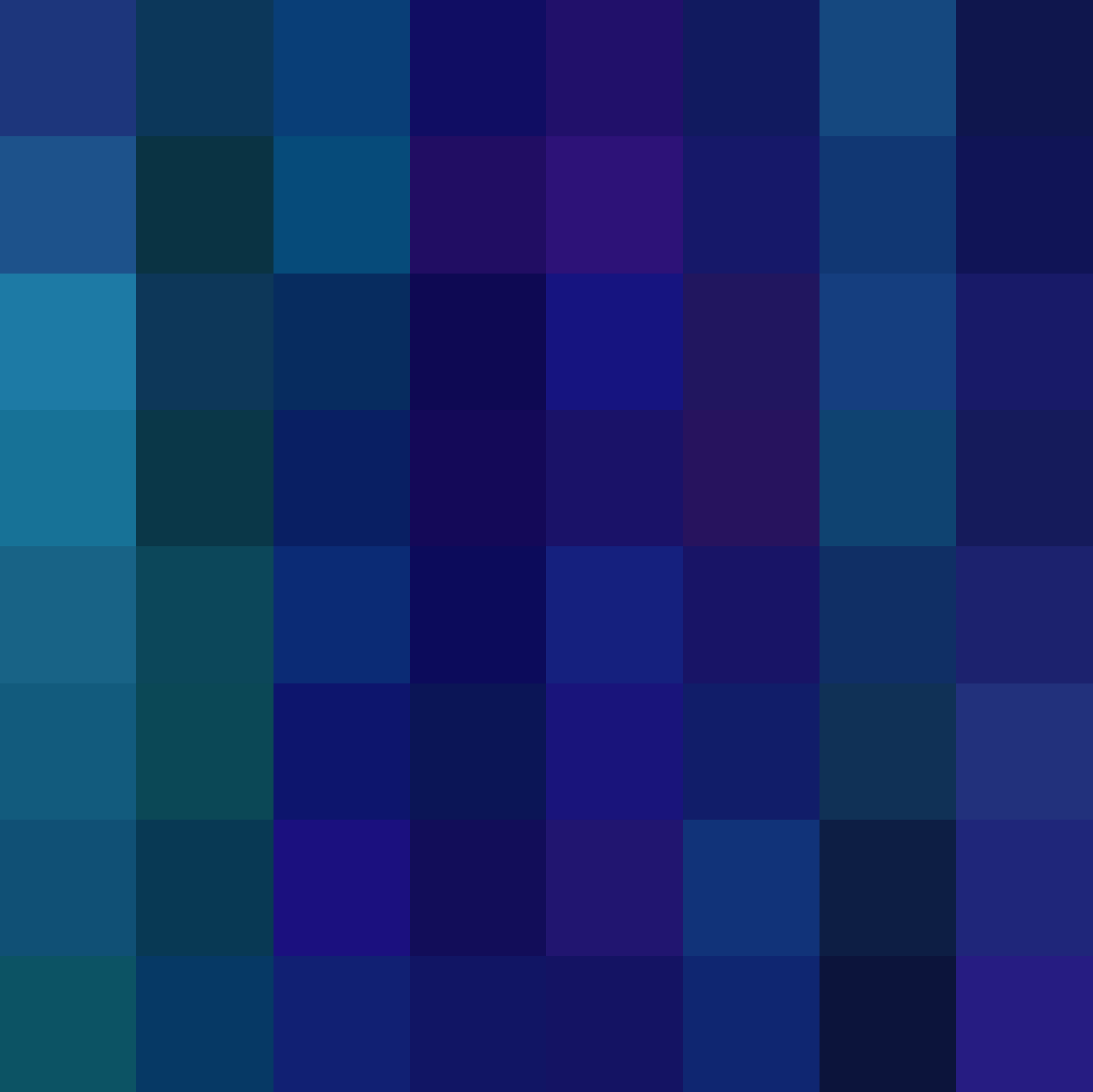
The cells in this 8 by 8 pixel grid form a gradient.
It is mostly blue, but it also has quite some
indigo, and a little bit of cyan in it.

A grid of 81 blocks. It's mostly blue, and it also has quite some cyan, a little bit of green, and a tiny bit of indigo in it.

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly purple, and it also has some magenta, some indigo, a bit of blue, a bit of violet, a bit of yellow, a bit of green, a bit of cyan, a little bit of rose, a little bit of red, and a little bit of lime in it.
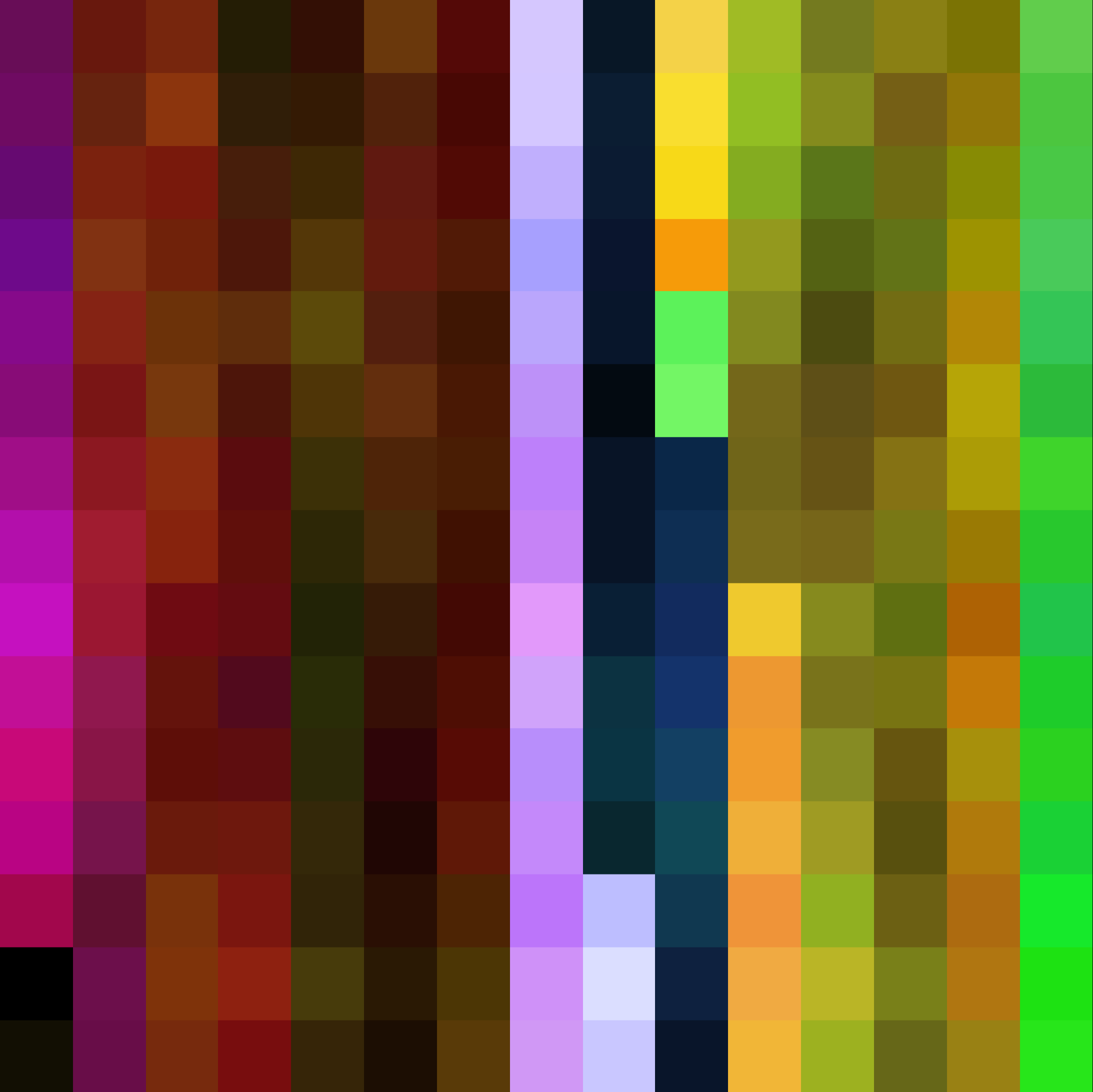
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly yellow, but it also has quite some orange, some red, a bit of blue, a bit of green, a little bit of magenta, a little bit of purple, a little bit of lime, a little bit of indigo, a tiny bit of rose, a tiny bit of violet, and a tiny bit of cyan in it.
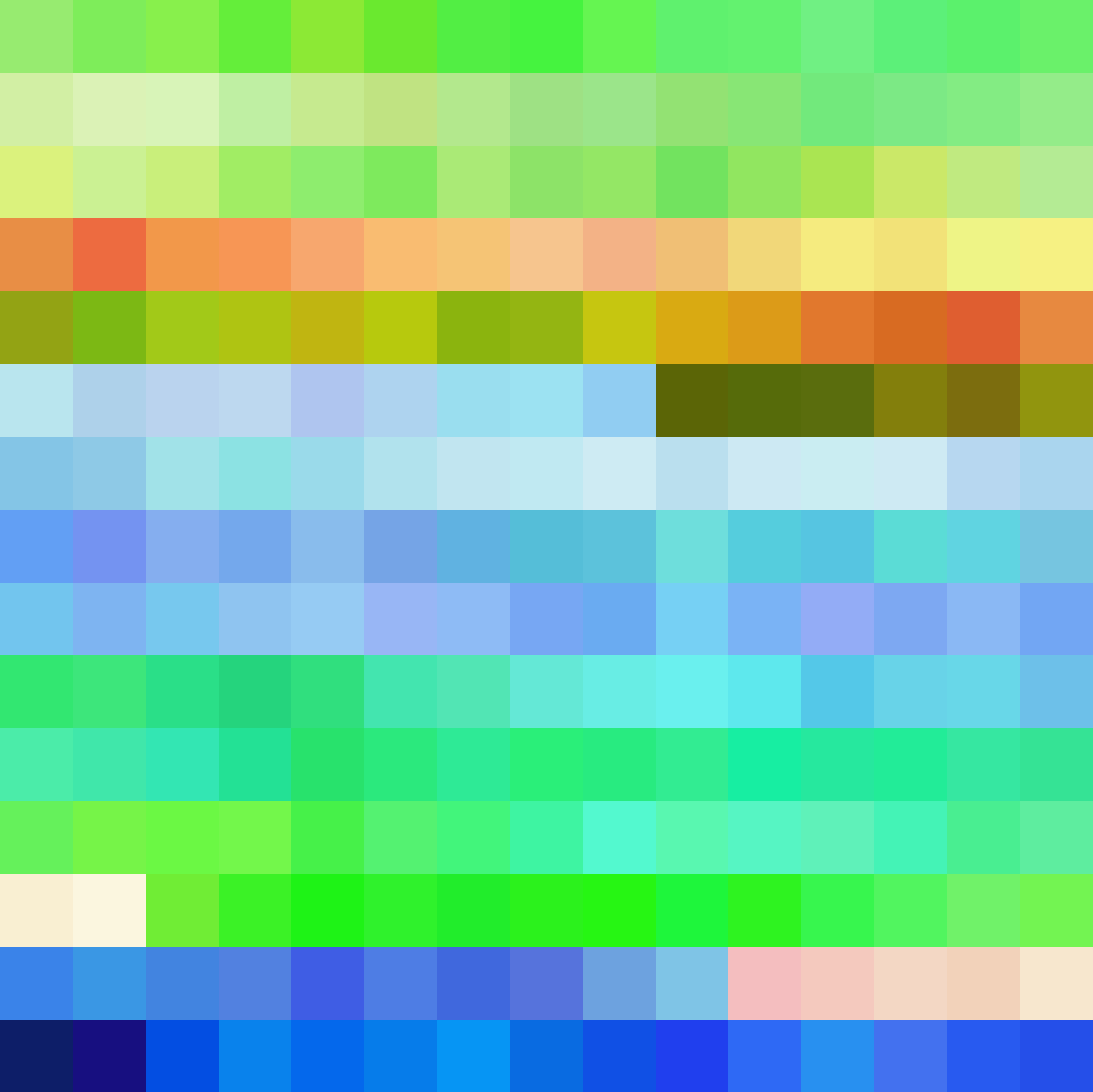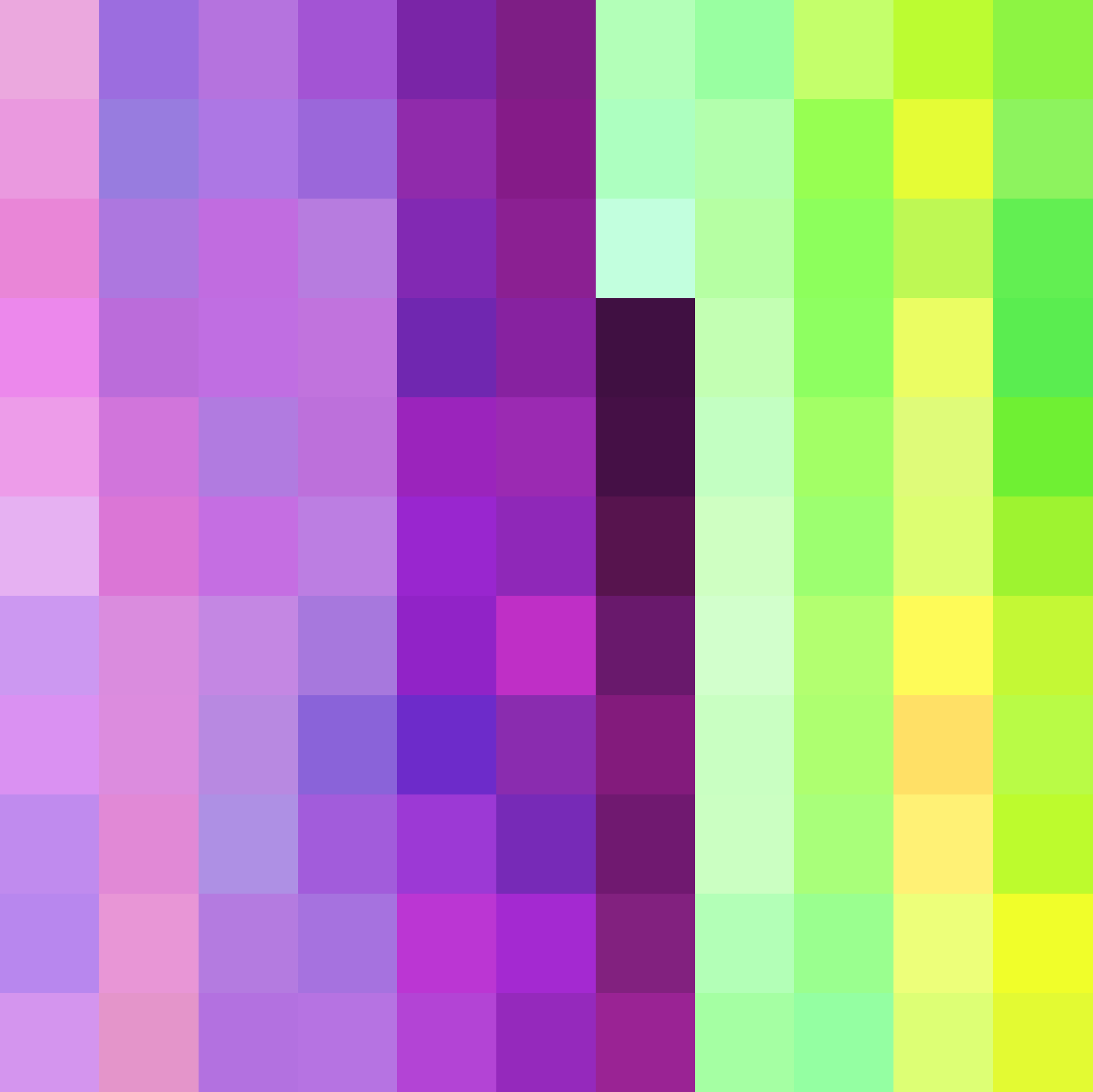
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly green, but it also has quite some blue, some cyan, a bit of orange, a bit of yellow, a little bit of lime, a tiny bit of red, and a tiny bit of indigo in it.
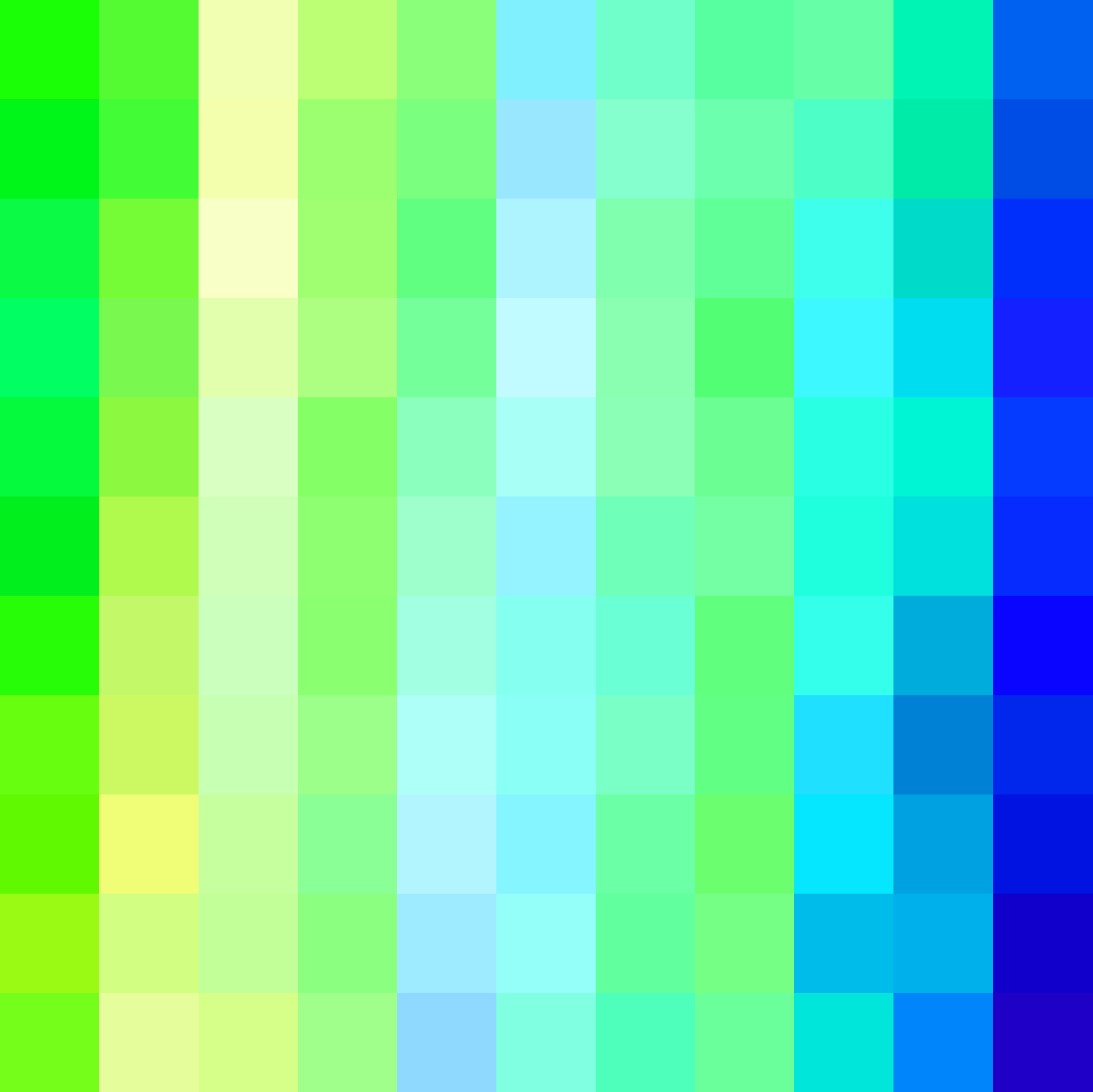
A very colourful grid of 121 blocks. It's mostly green, but it also has quite some cyan, some blue, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of indigo in it.
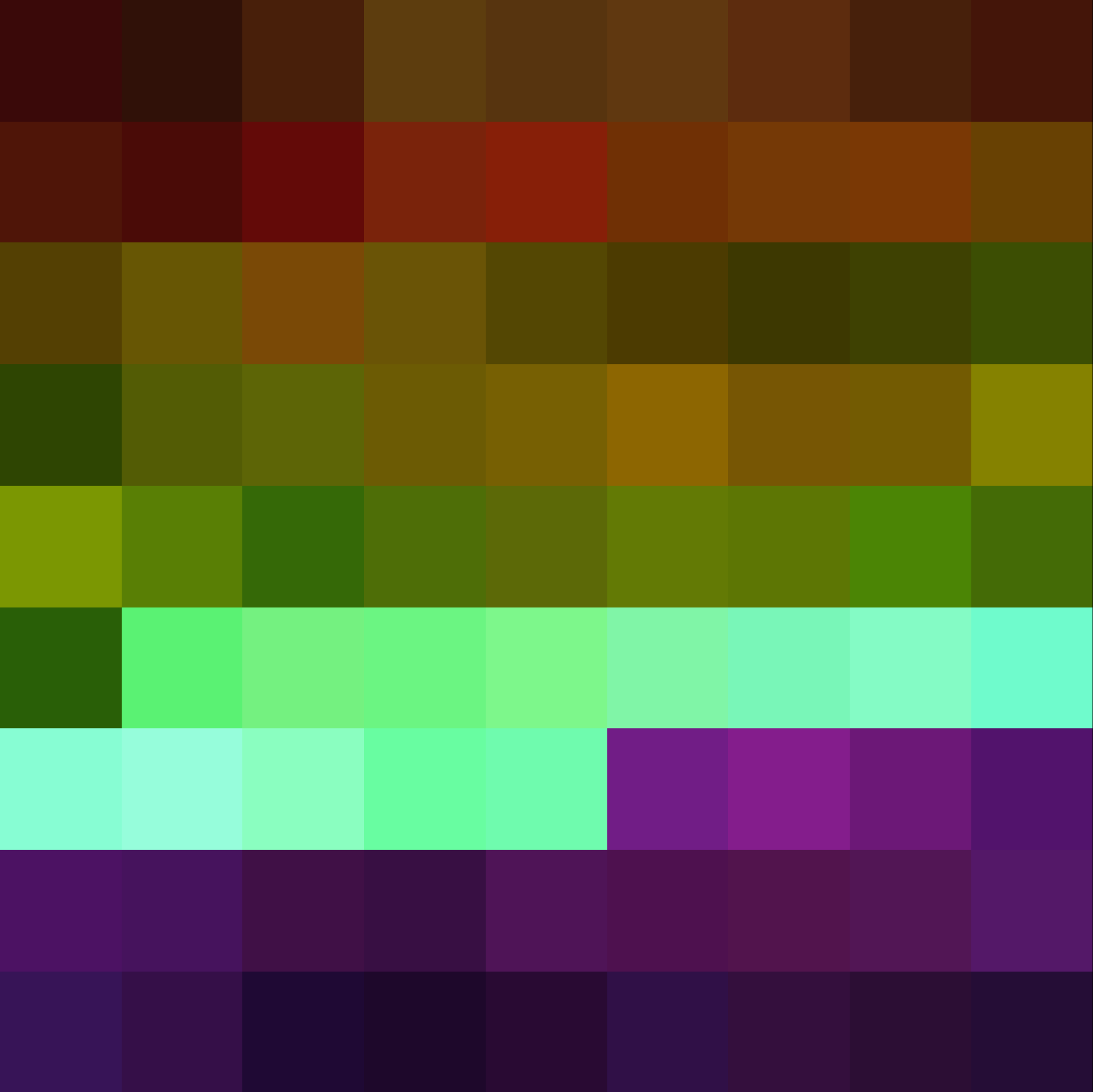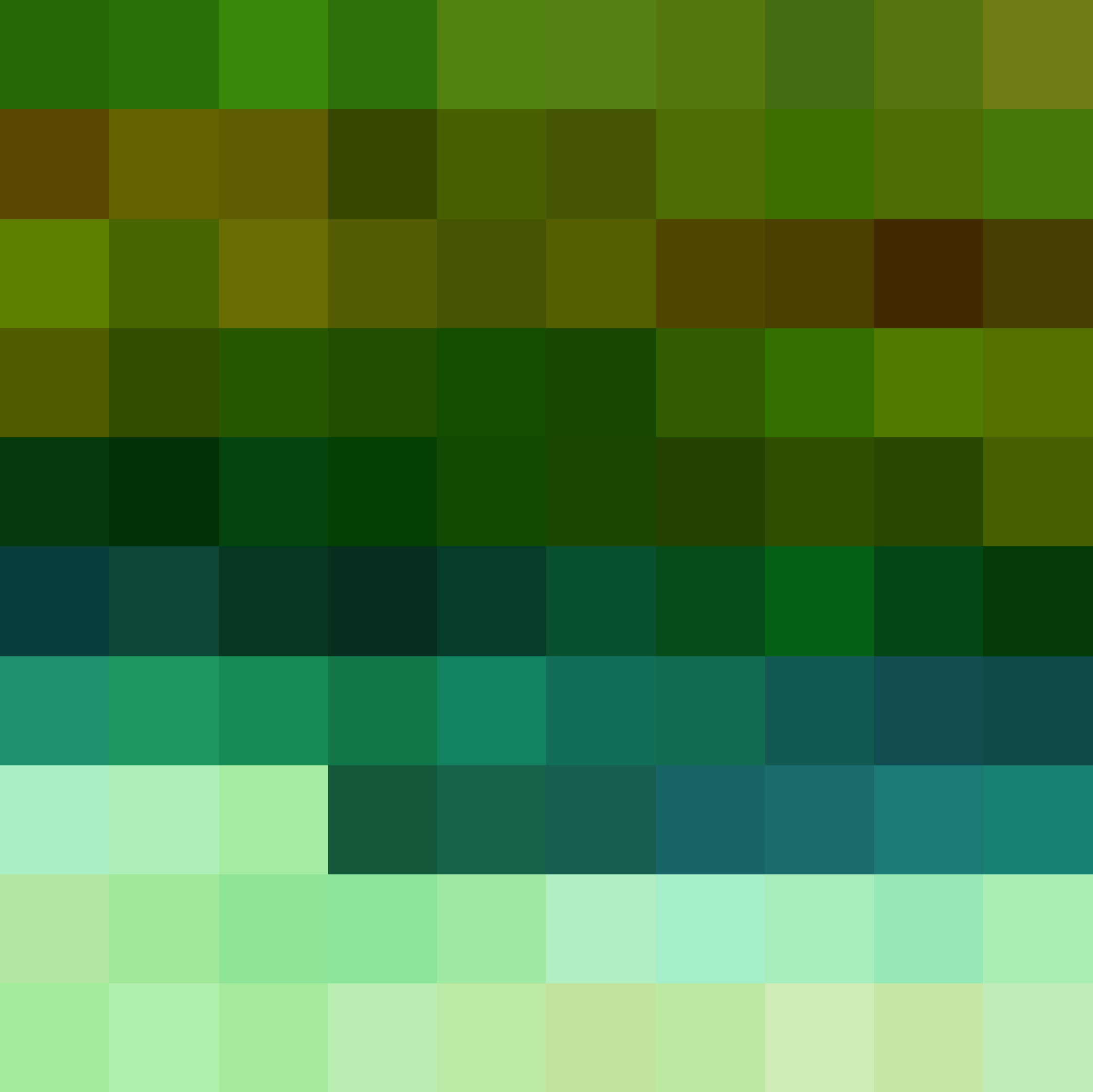
A grid with 81 coloured squares that form a very
colourful gradient. The colours are various
shades of mostly green, but it also has some
purple, some orange, some yellow, a bit of red, a
bit of magenta, and a bit of lime in it.

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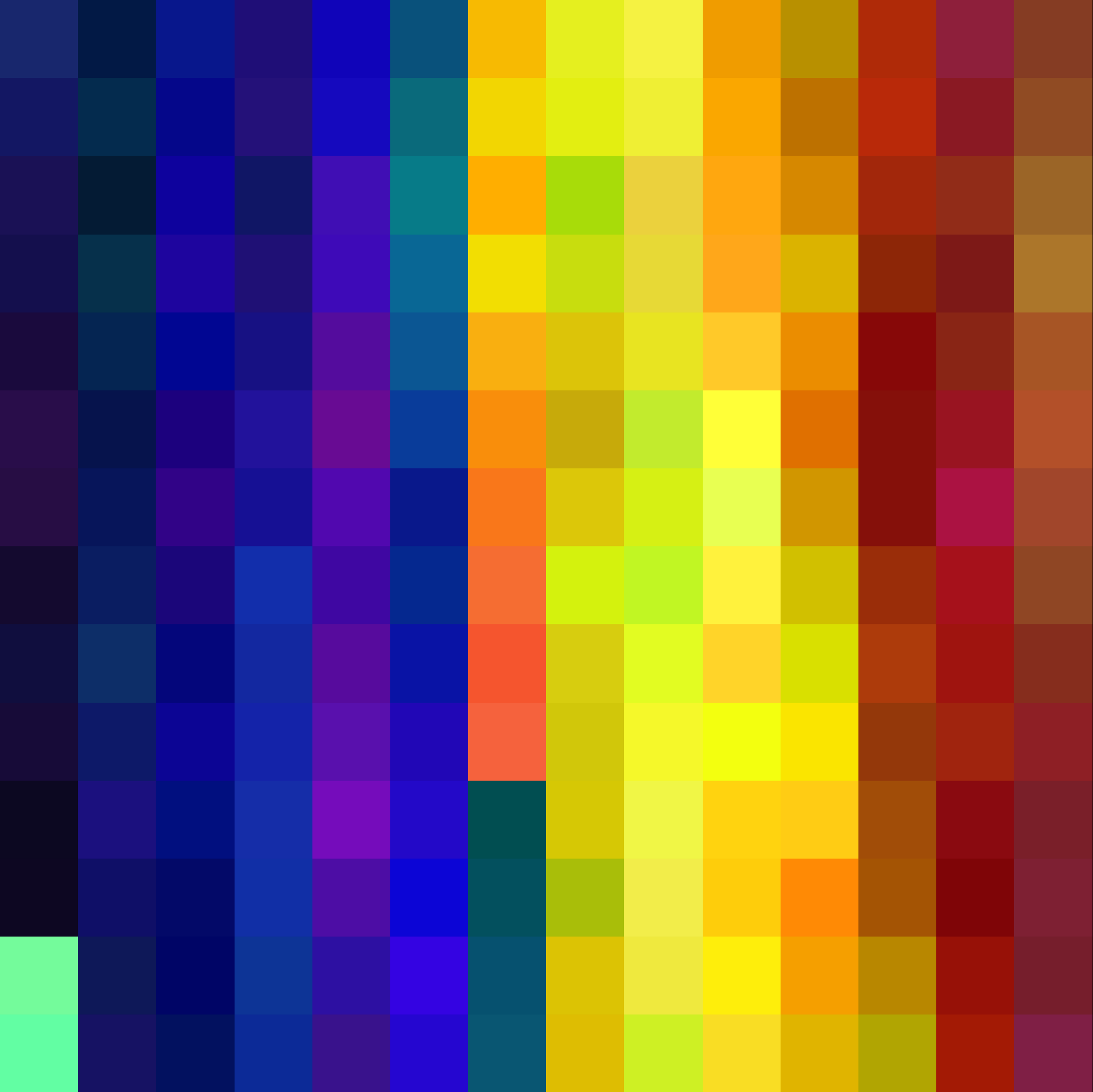
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly red, but it also has some rose, some magenta, and some orange in it.

The cells in this 10 by 10 pixel grid form a colourful gradient. It is mostly green, and it also has some lime, some yellow, some cyan, and a tiny bit of orange in it.

The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly orange, and it also has quite some red in it.
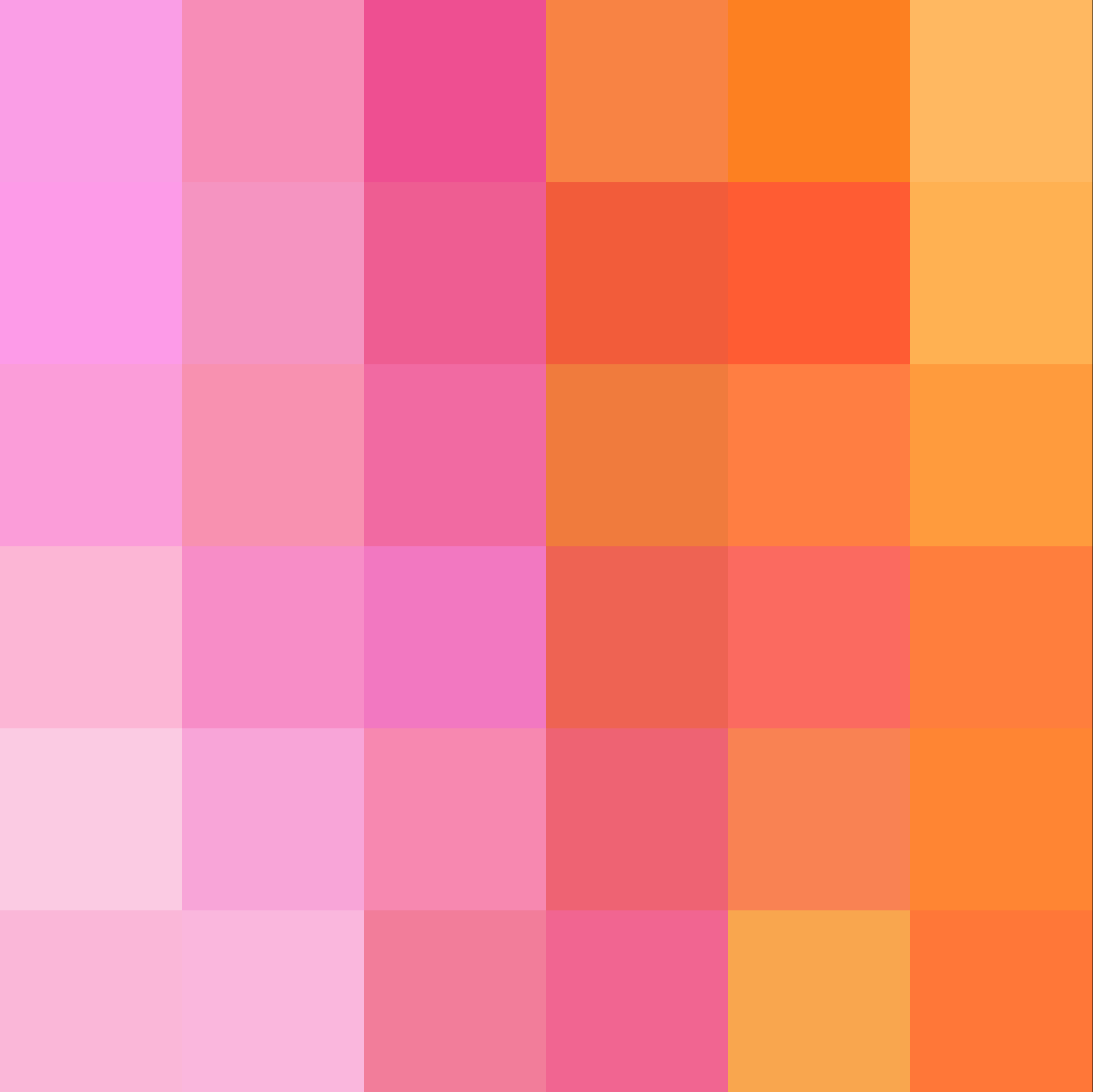
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some blue, some indigo, some red, some orange, a little bit of violet, a tiny bit of cyan, a tiny bit of purple, a tiny bit of lime, and a tiny bit of green in it.
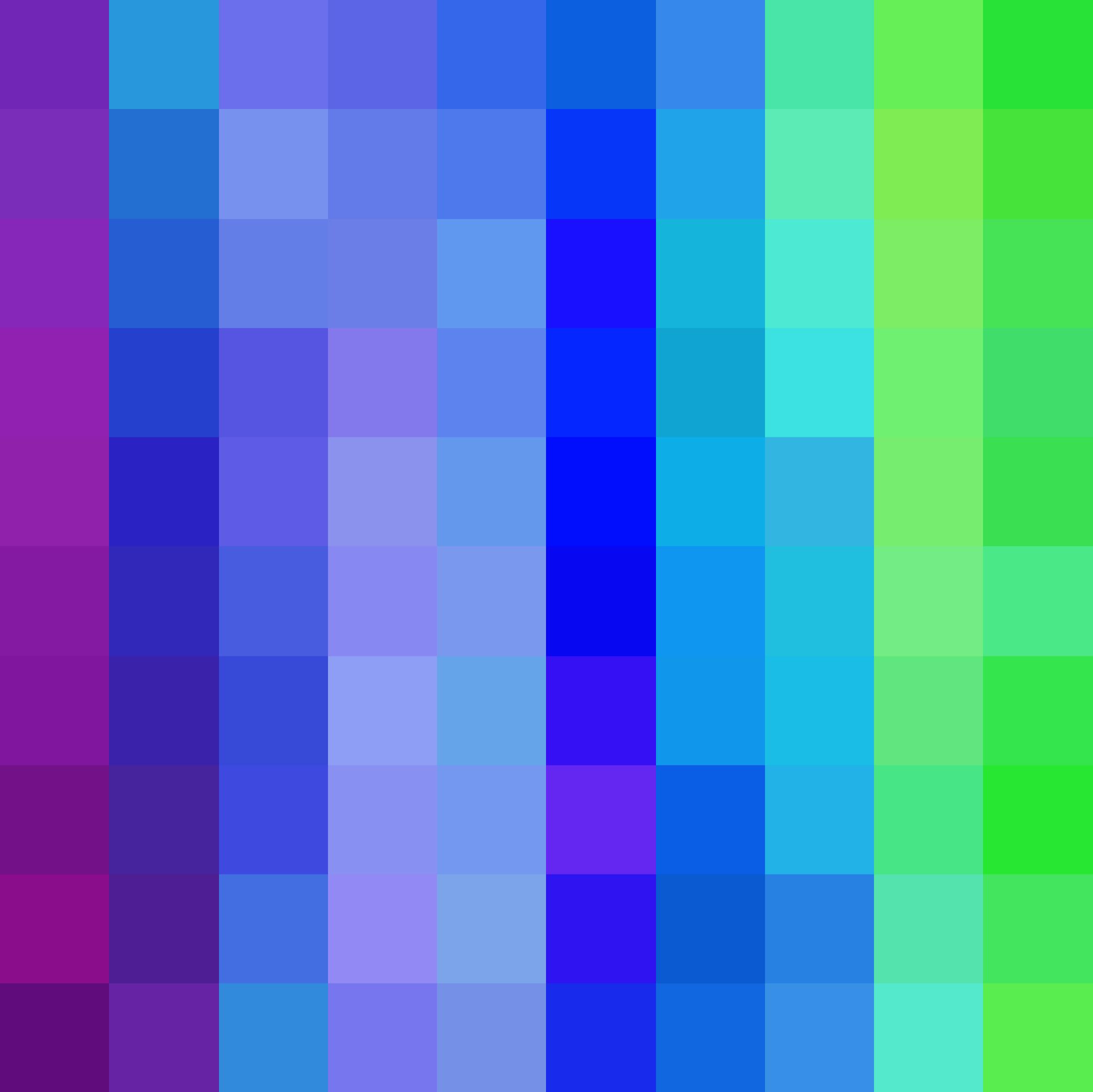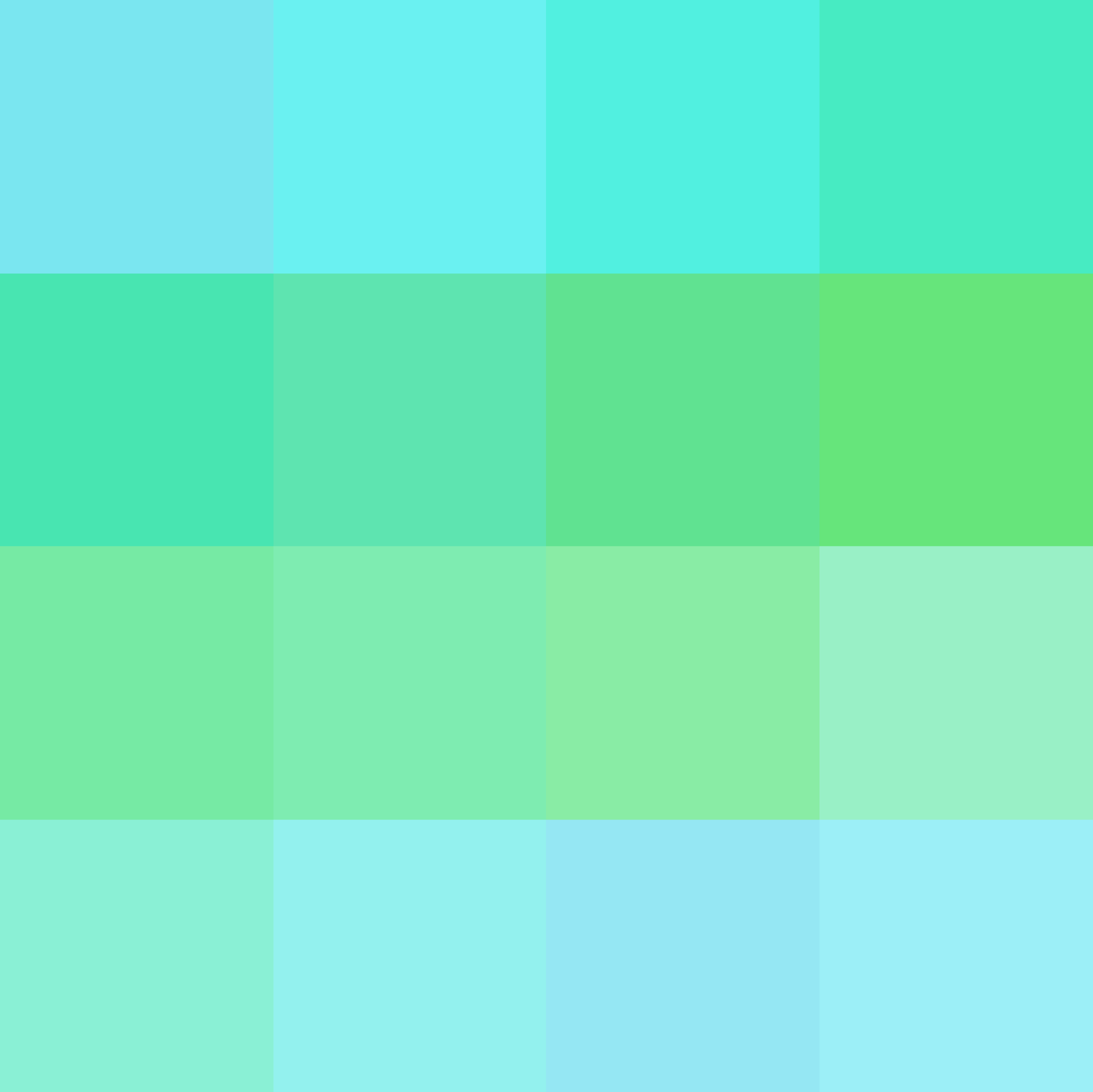
A very colourful grid of 100 blocks. It's mostly blue, but it also has quite some green, some indigo, a bit of purple, a little bit of cyan, a tiny bit of magenta, and a tiny bit of violet in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly orange, but it also has quite some yellow, and a bit of red in it.
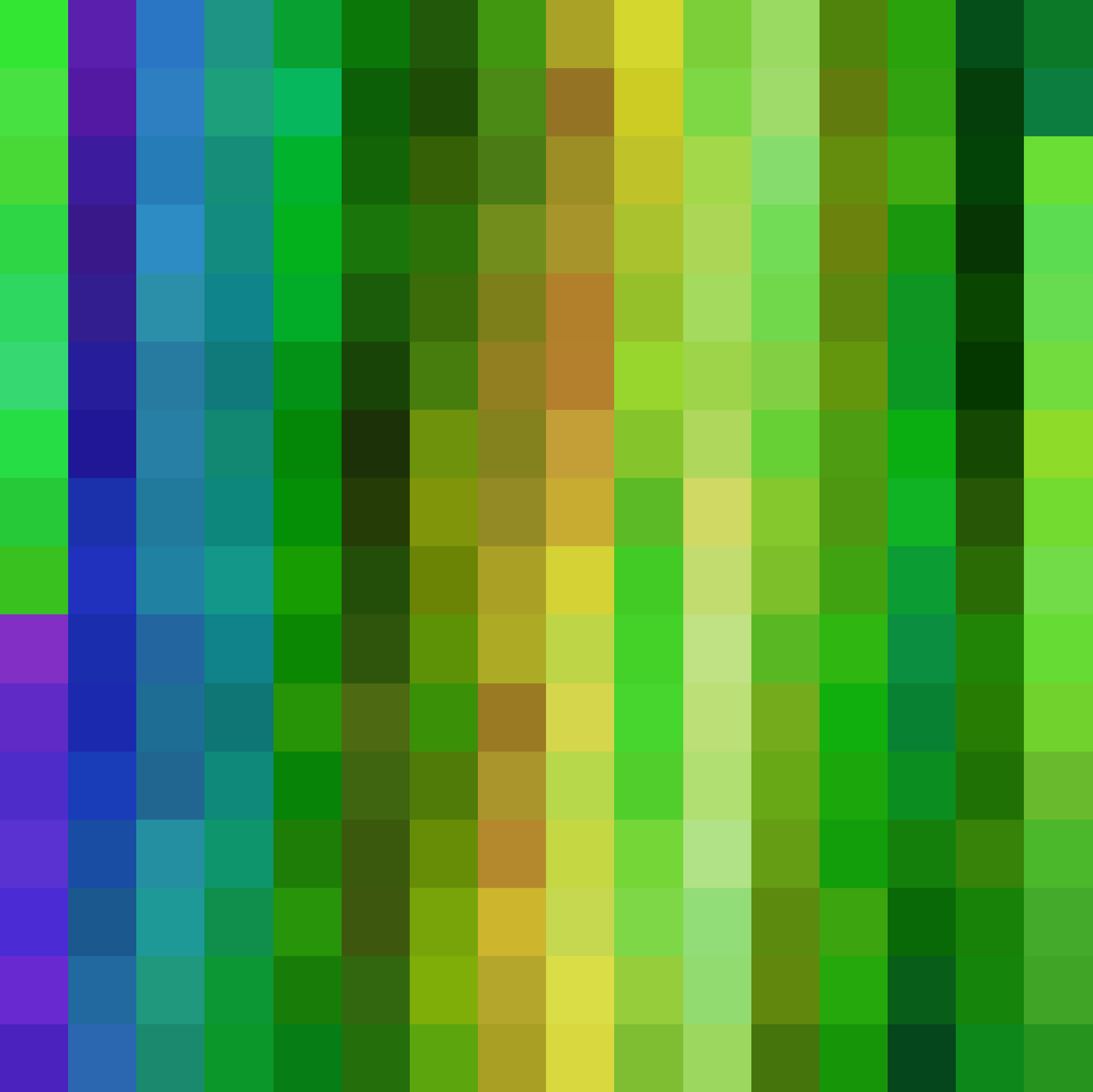
This gradient, generated in this 6 by 6 pixel grid, is mostly rose, and it also has quite some orange, some magenta, and some red in it.

A two tone grid of 16 blocks. It's mostly cyan, but it also has a lot of green in it.
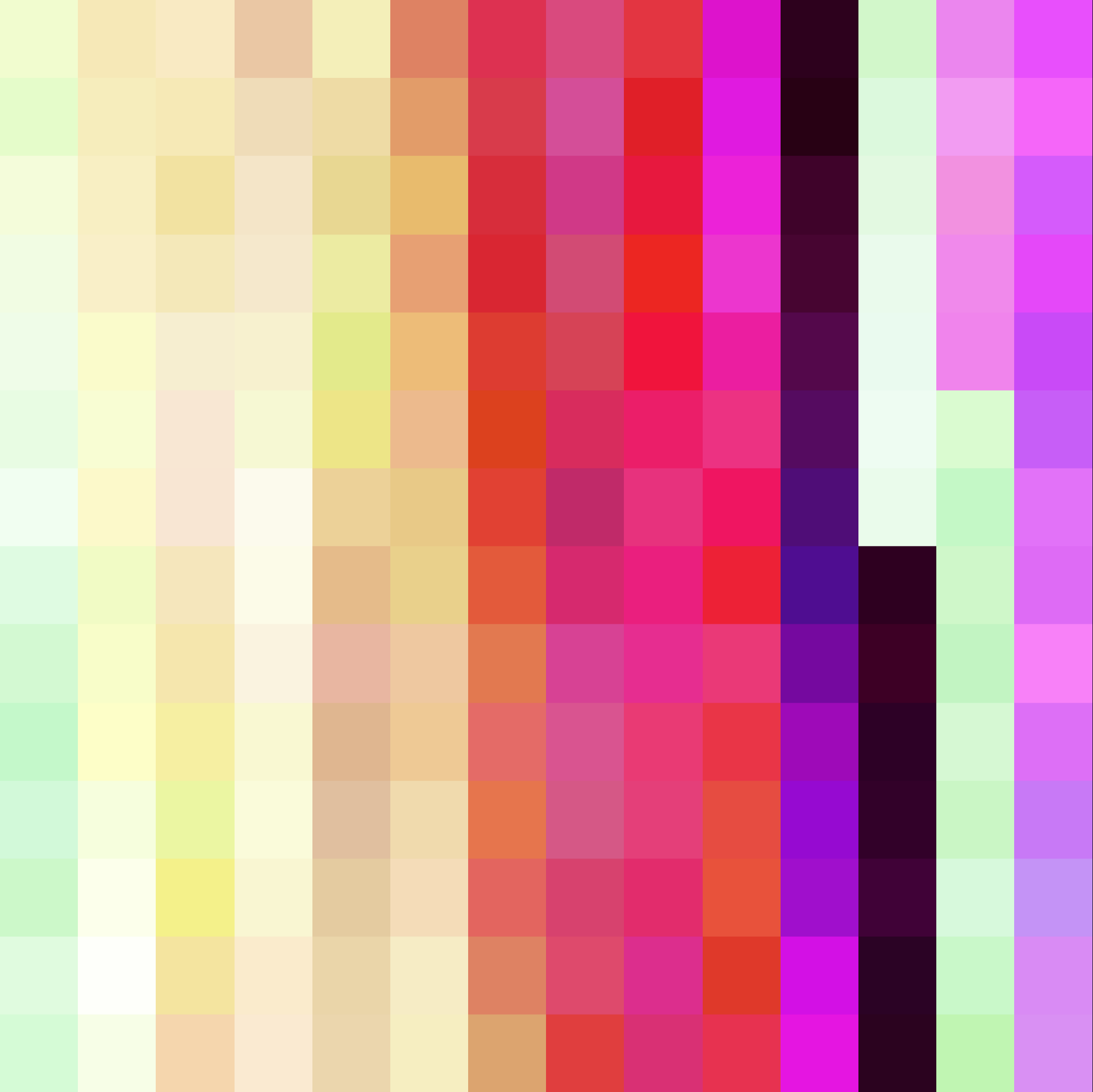
The gradient in this 7 by 7 pixel grid is mostly green, and it also has a bit of lime, and a tiny bit of yellow in it.
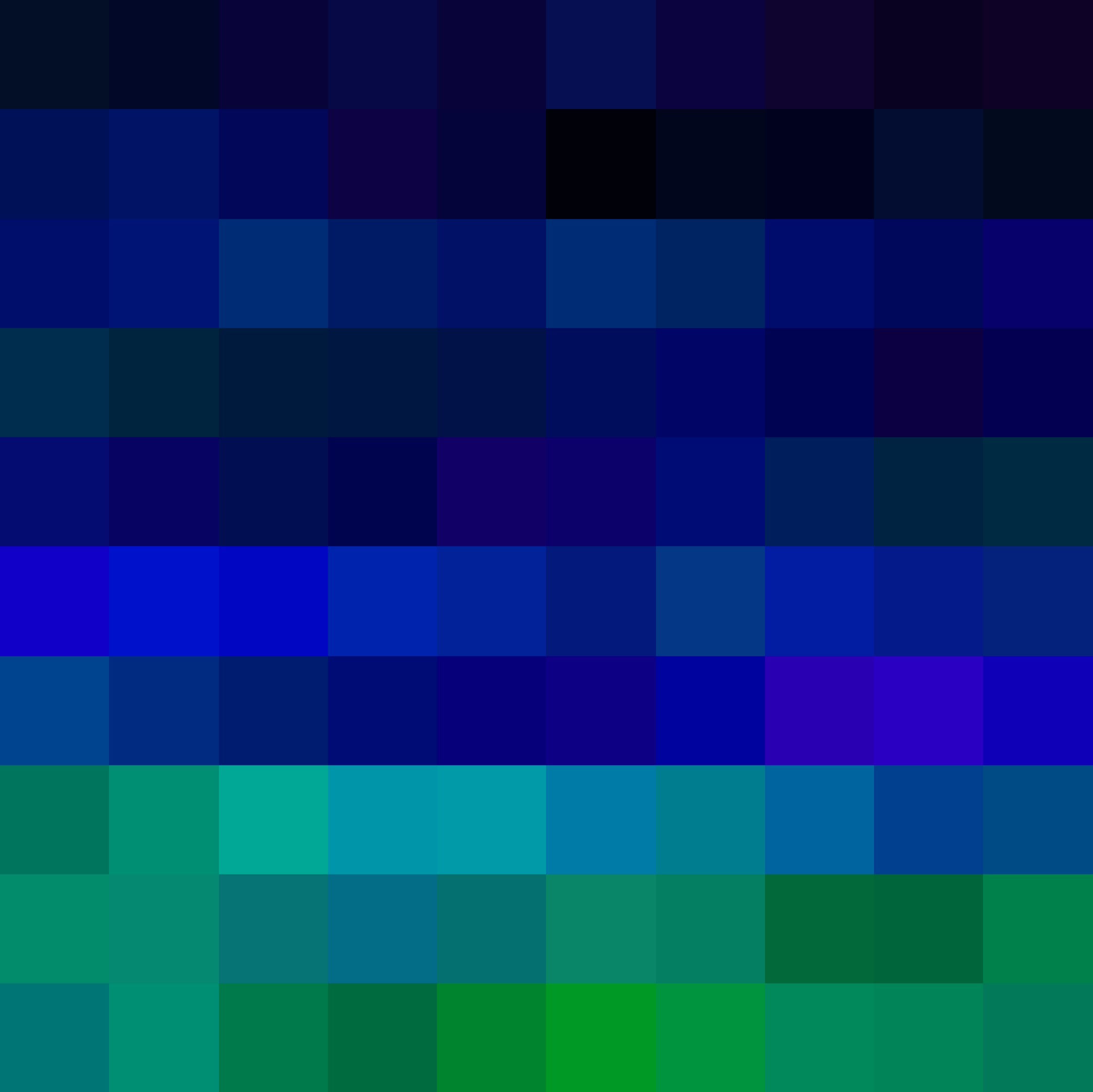
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of blue, a bit of cyan, a little bit of lime, a little bit of indigo, a tiny bit of orange, a tiny bit of violet, and a tiny bit of purple in it.
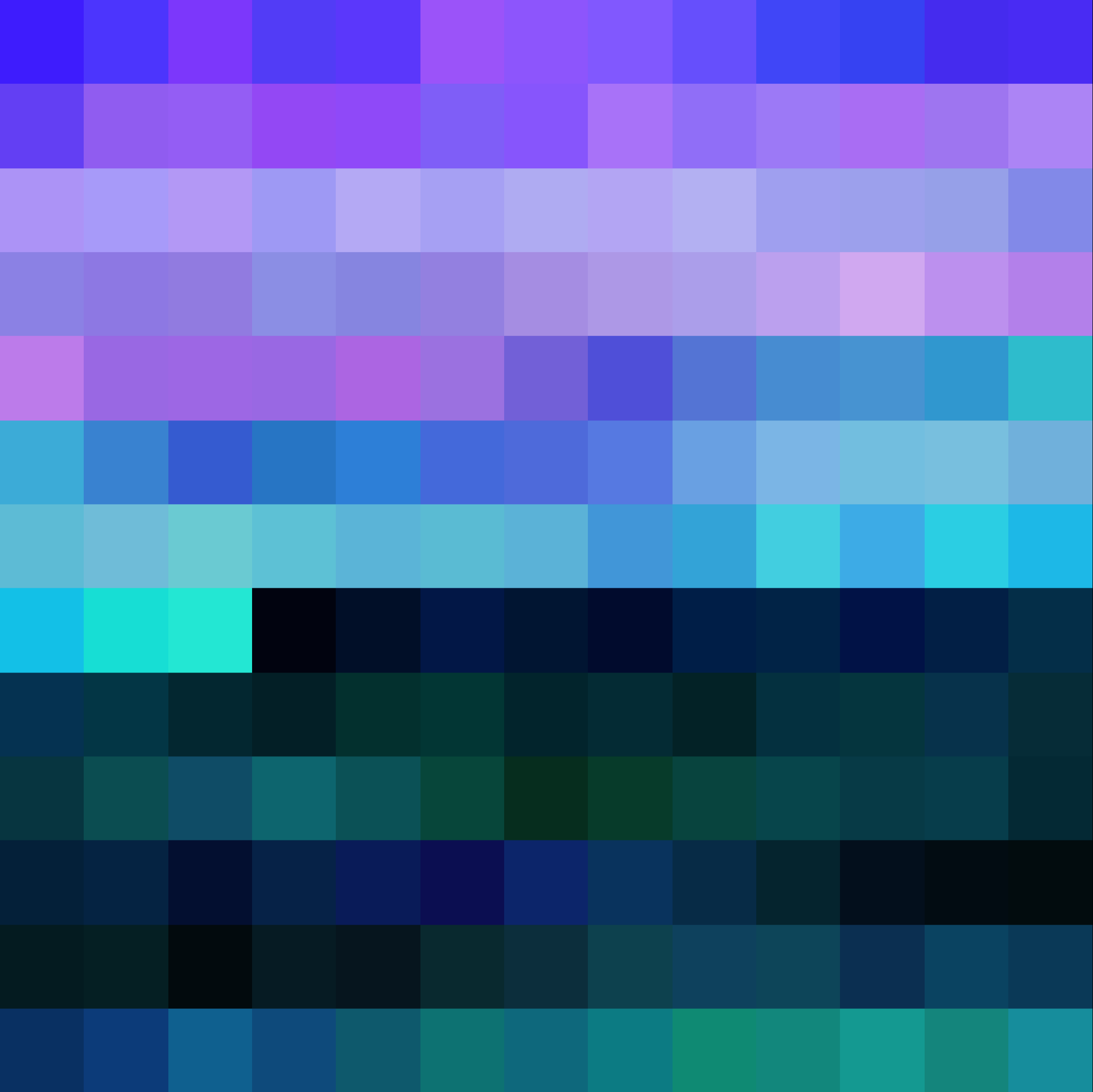
The two tone gradient in this 5 by 5 pixel grid is mostly blue, but it also has some cyan in it.
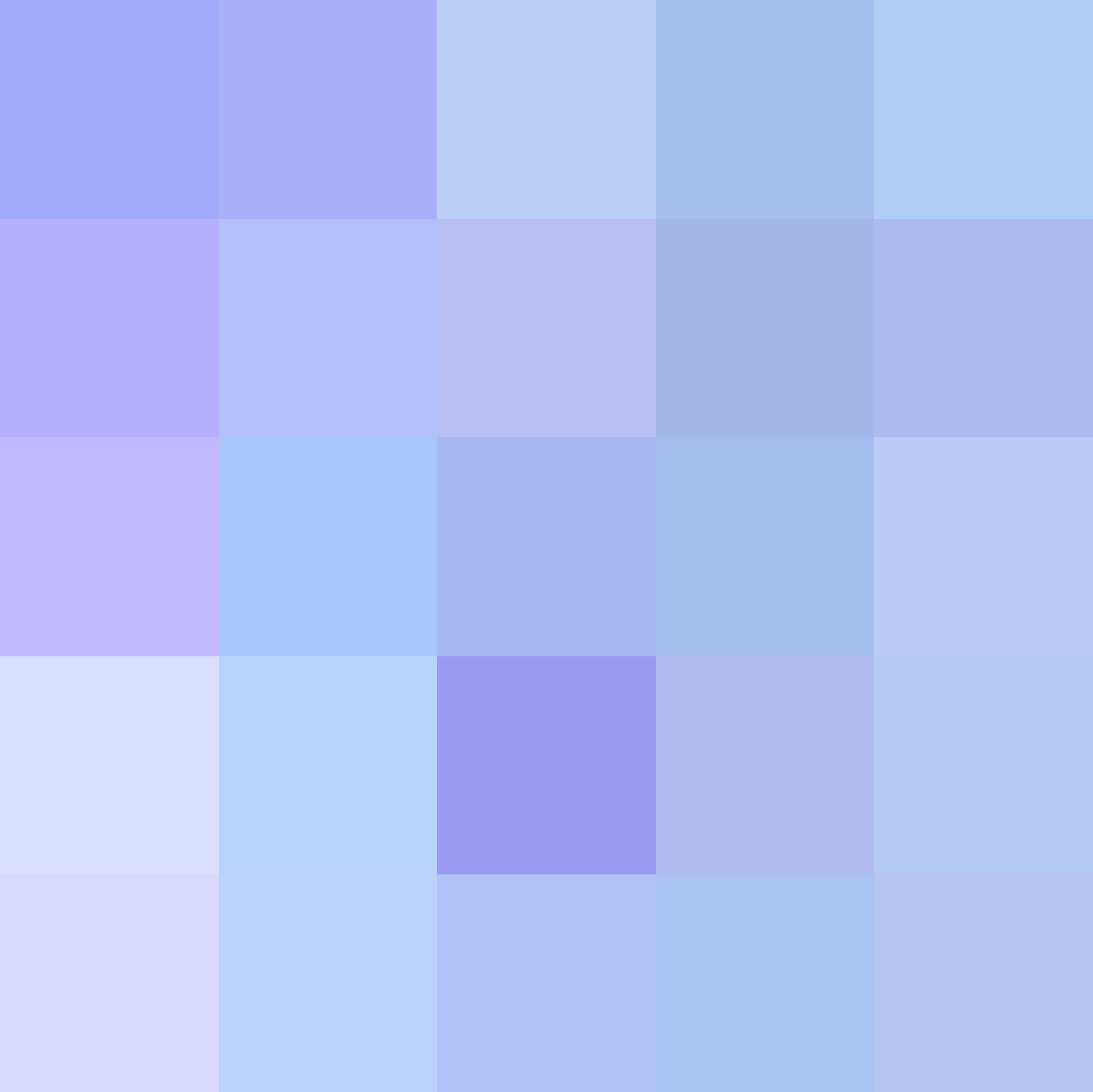
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has some orange, some yellow, some green, a little bit of magenta, a little bit of purple, a little bit of lime, and a tiny bit of violet in it.

This gradient, generated in this 10 by 10 pixel grid, is mostly blue, but it also has quite some indigo, some cyan, and a bit of green in it.
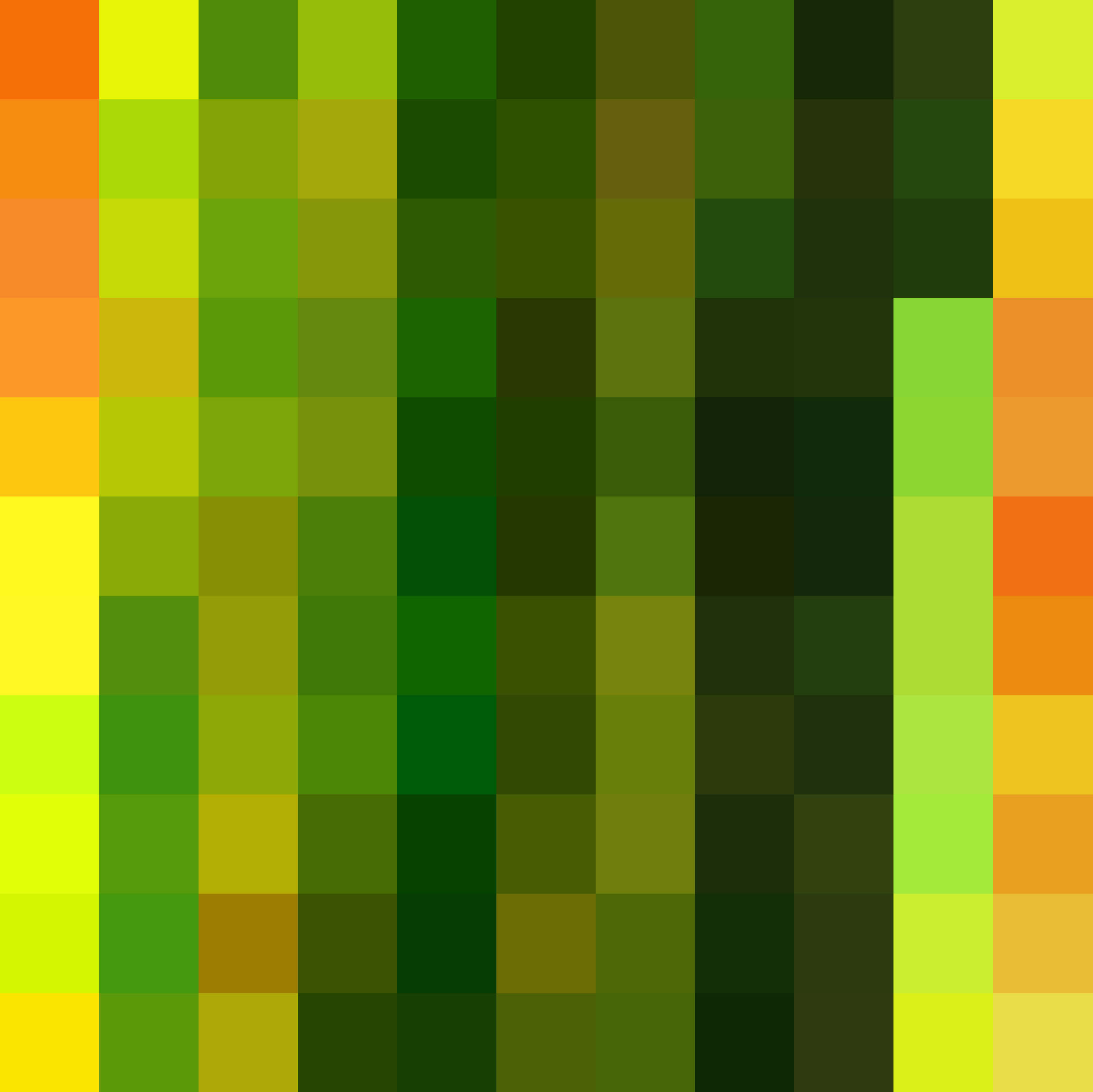
The very colourful gradient in this 13 by 13 pixel grid is mostly blue, but it also has quite some cyan, quite some indigo, a bit of violet, a tiny bit of purple, and a tiny bit of green in it.
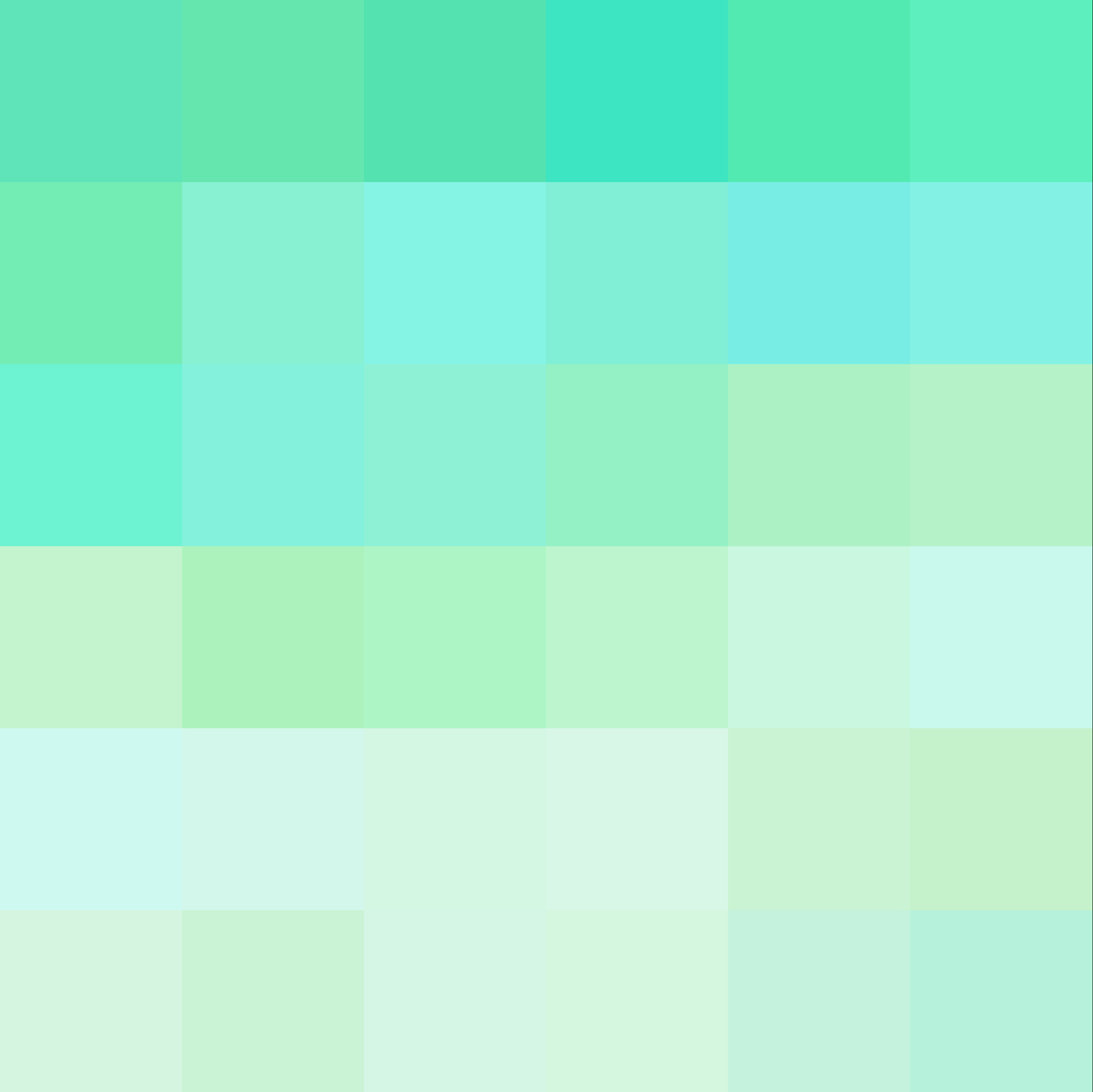
This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, and it also has some indigo in it.
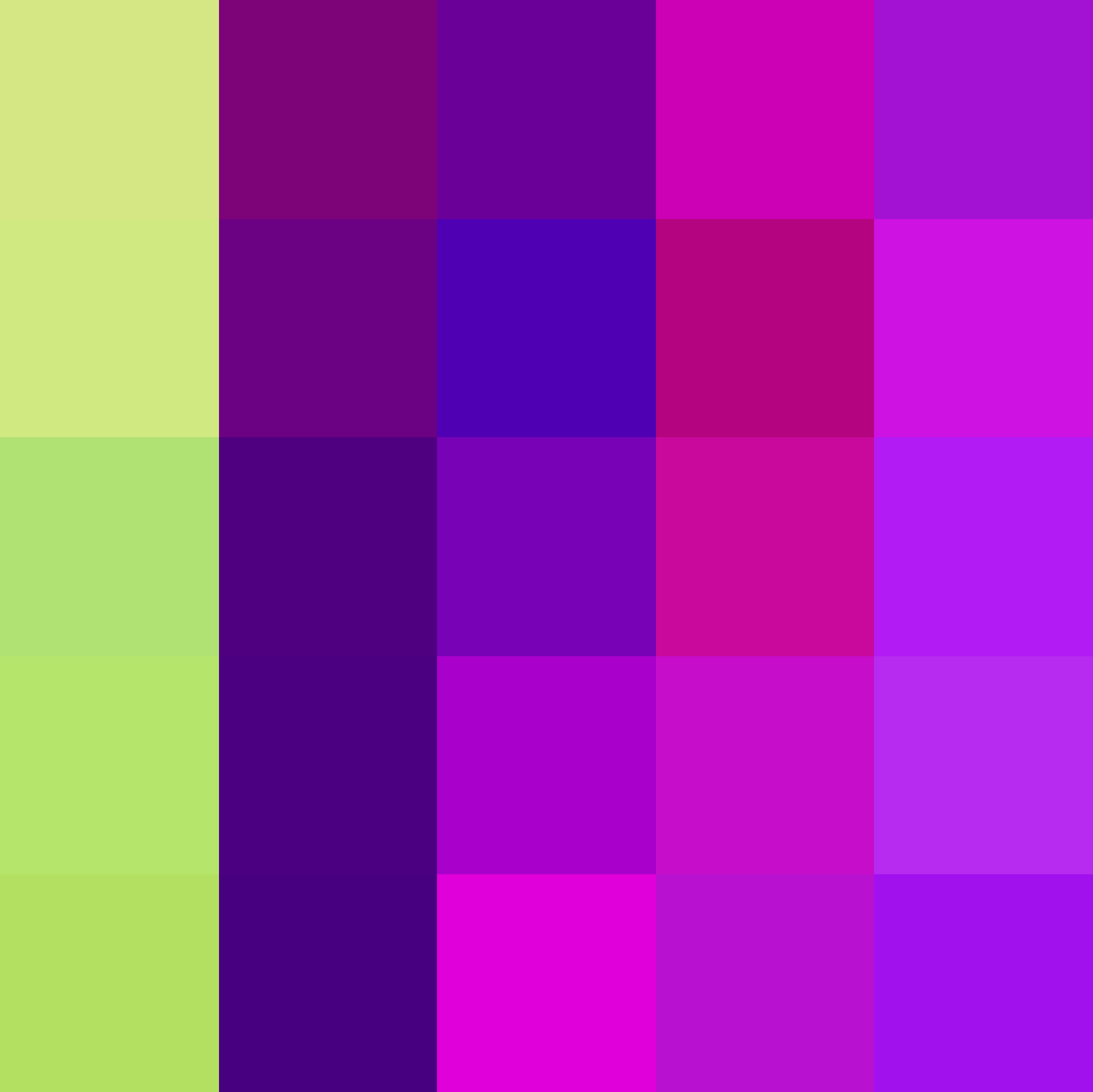
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly purple, and it also has quite some magenta, some green, a bit of lime, and a little bit of violet in it.

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

This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, and it also has quite some cyan in it.

This very colourful gradient, generated in this 5 by 5 pixel grid, is mostly indigo, but it also has quite some red, some rose, some violet, some purple, and a little bit of magenta in it.
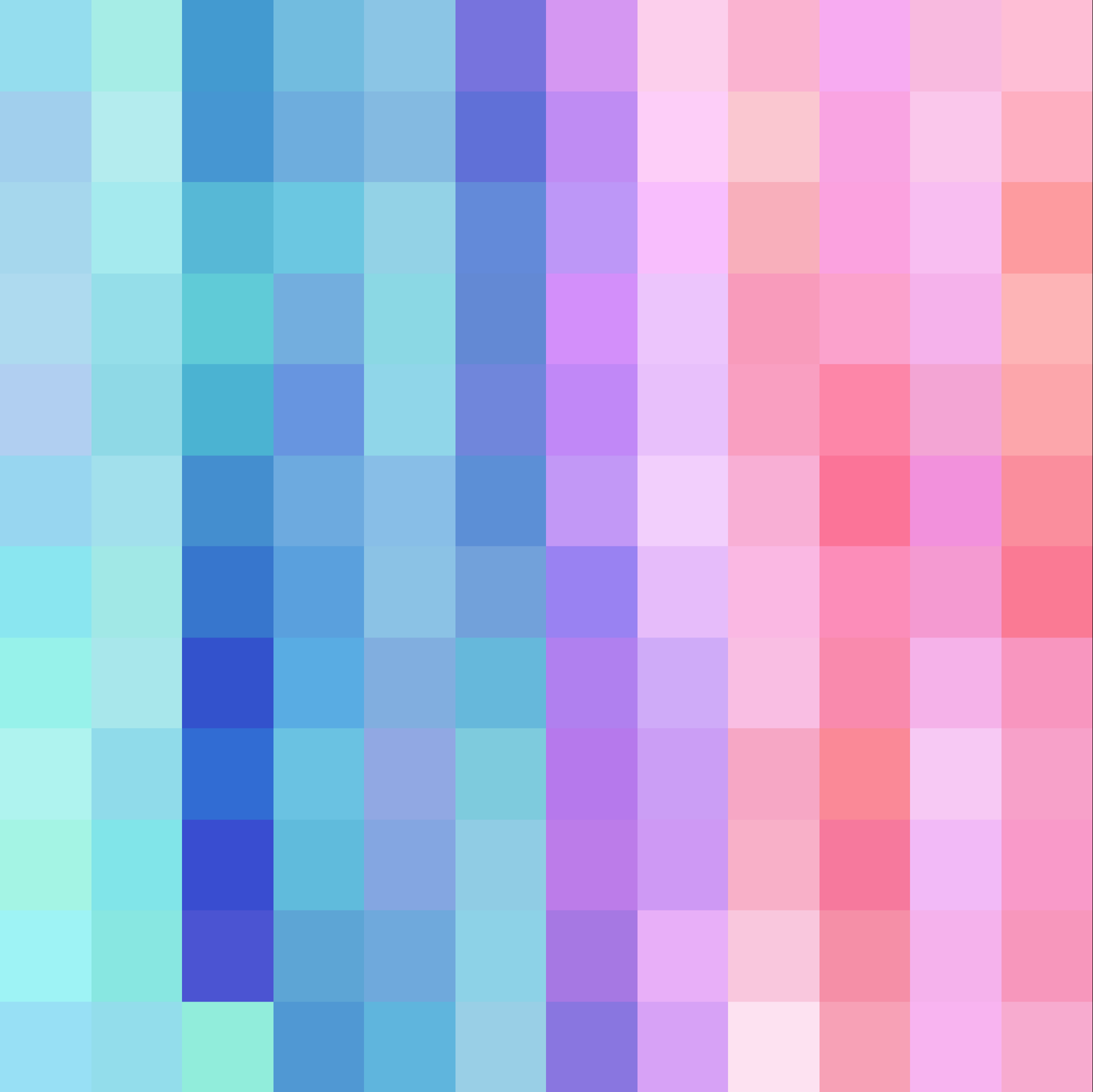
The very, very colourful gradient in this 12 by 12 pixel grid is mostly blue, and it also has some cyan, some magenta, some rose, a bit of purple, a bit of red, a little bit of violet, and a tiny bit of indigo in it.
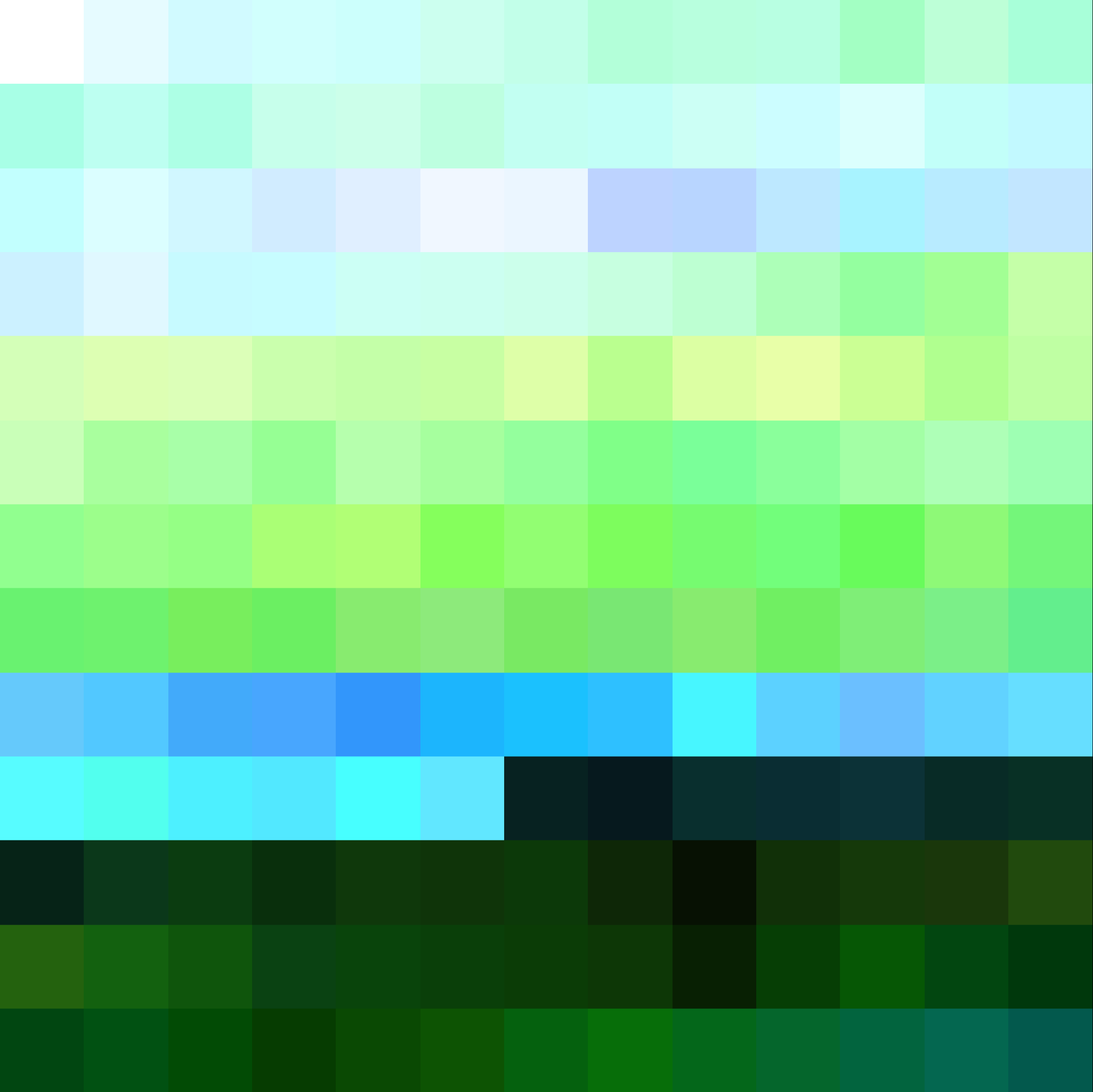
A grid of 64 blocks. It's mostly green, and it also has some yellow, and a little bit of lime in it.
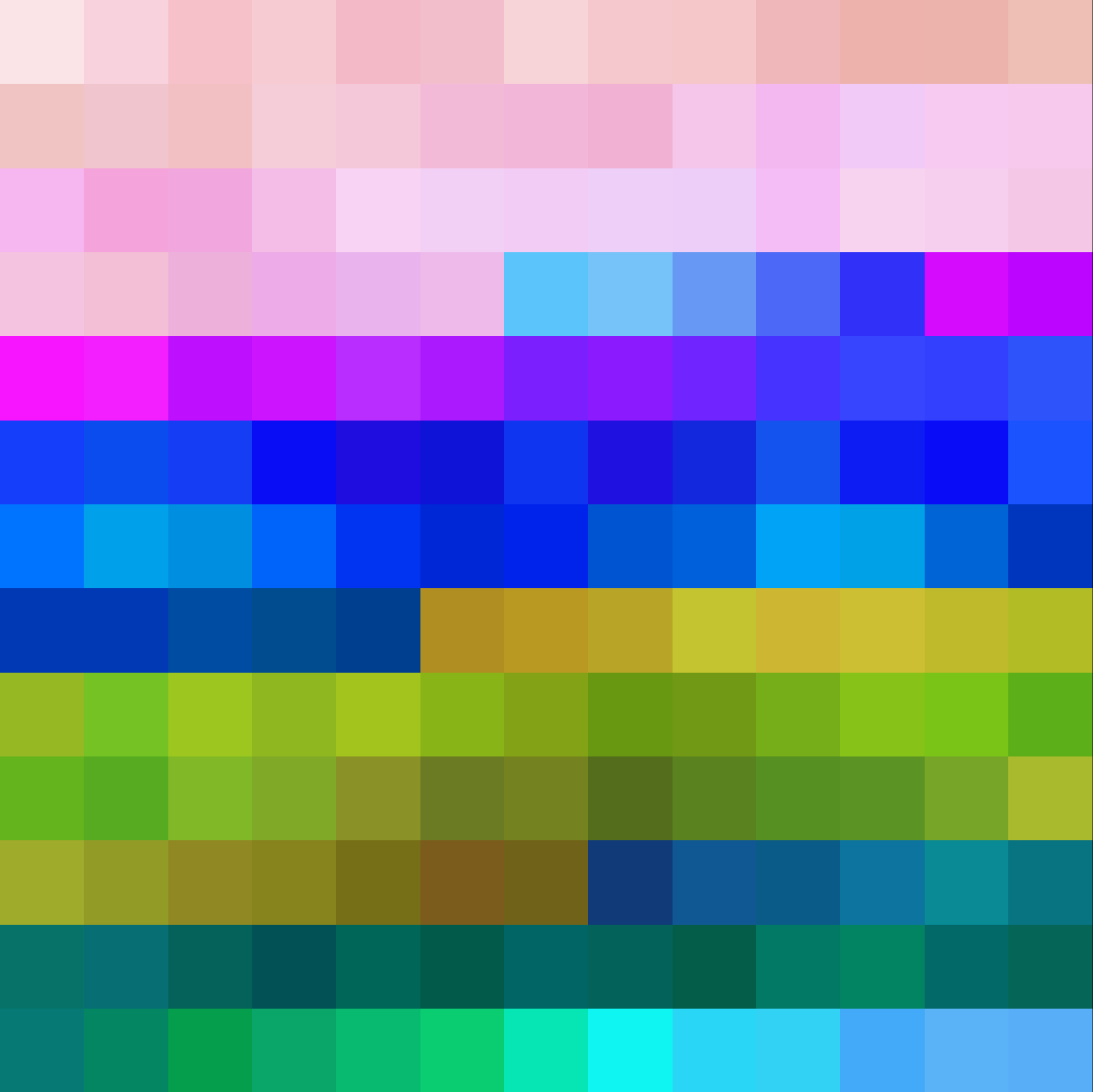
A very, very colourful grid of 169 blocks. It's mostly blue, and it also has some magenta, some cyan, some green, a bit of yellow, a bit of red, a little bit of lime, a little bit of purple, a little bit of rose, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of orange in it.
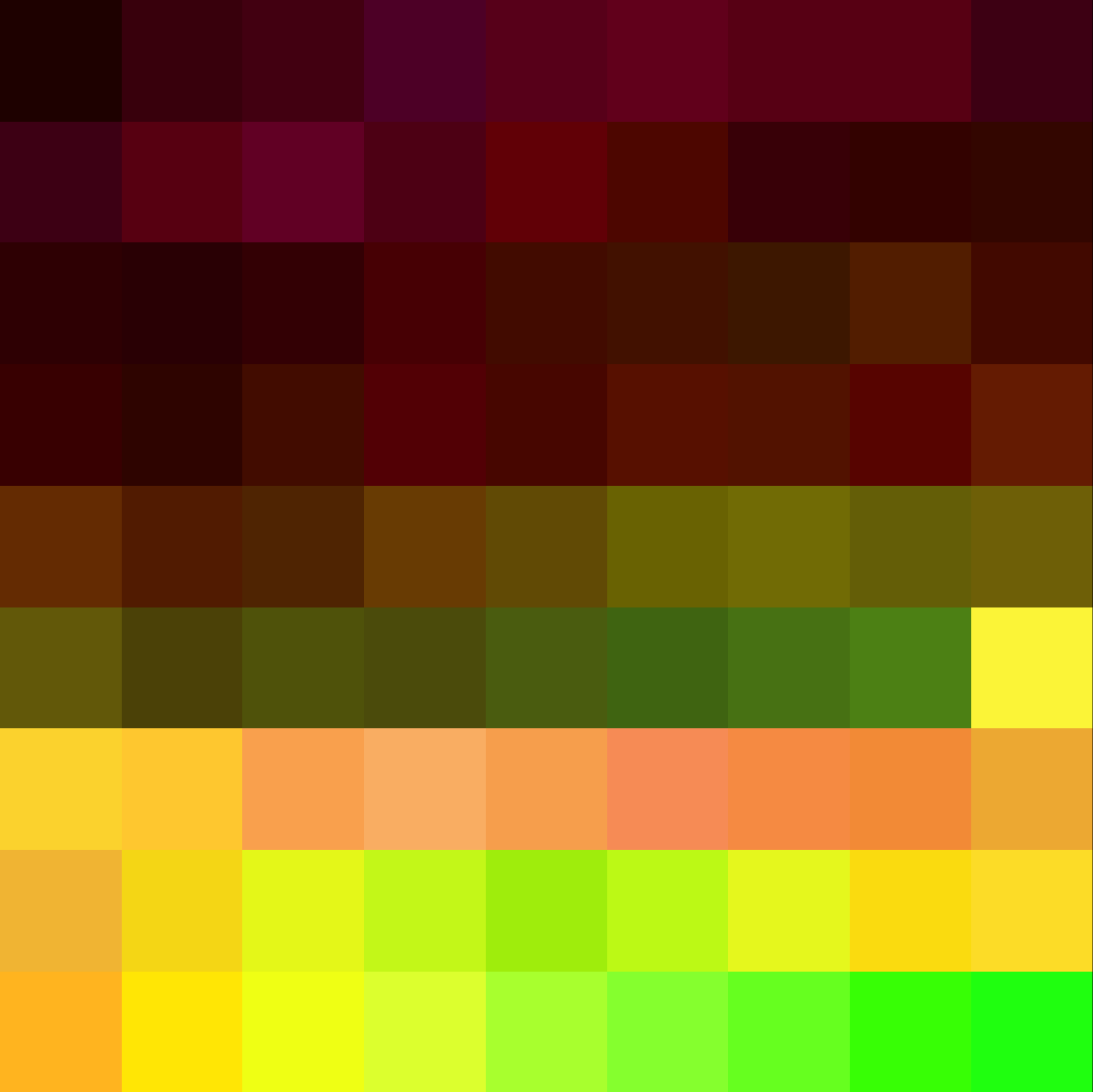
Here's a 9 by 9 pixelated grid that forms a colourful gradient. It is mostly red, but it also has quite some yellow, quite some orange, some green, and a little bit of lime in it.

A grid of 169 blocks. It's mostly green, but it also has quite some cyan, some blue, and a tiny bit of lime in it.
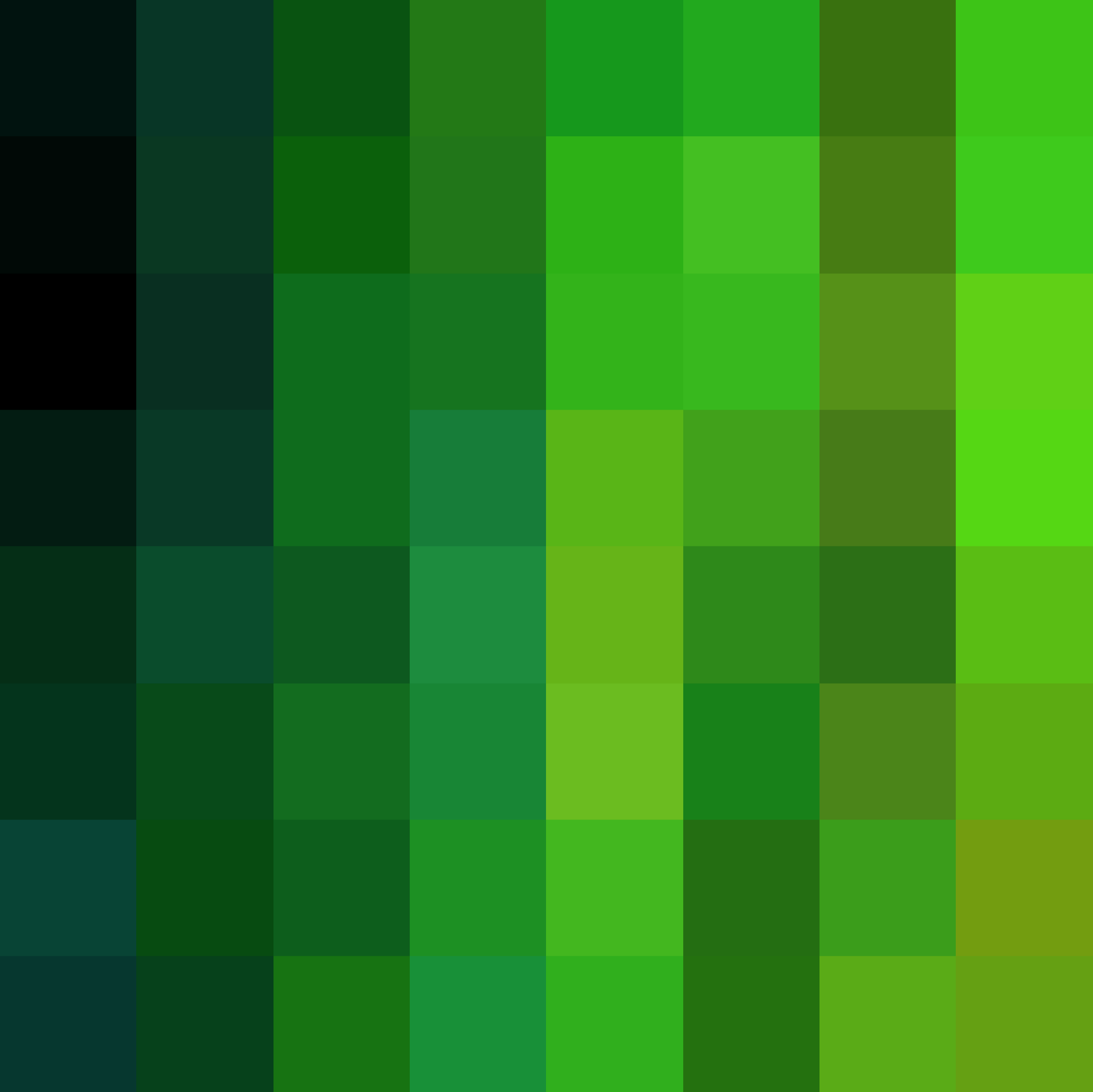
This gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has a little bit of cyan, and a tiny bit of lime in it.
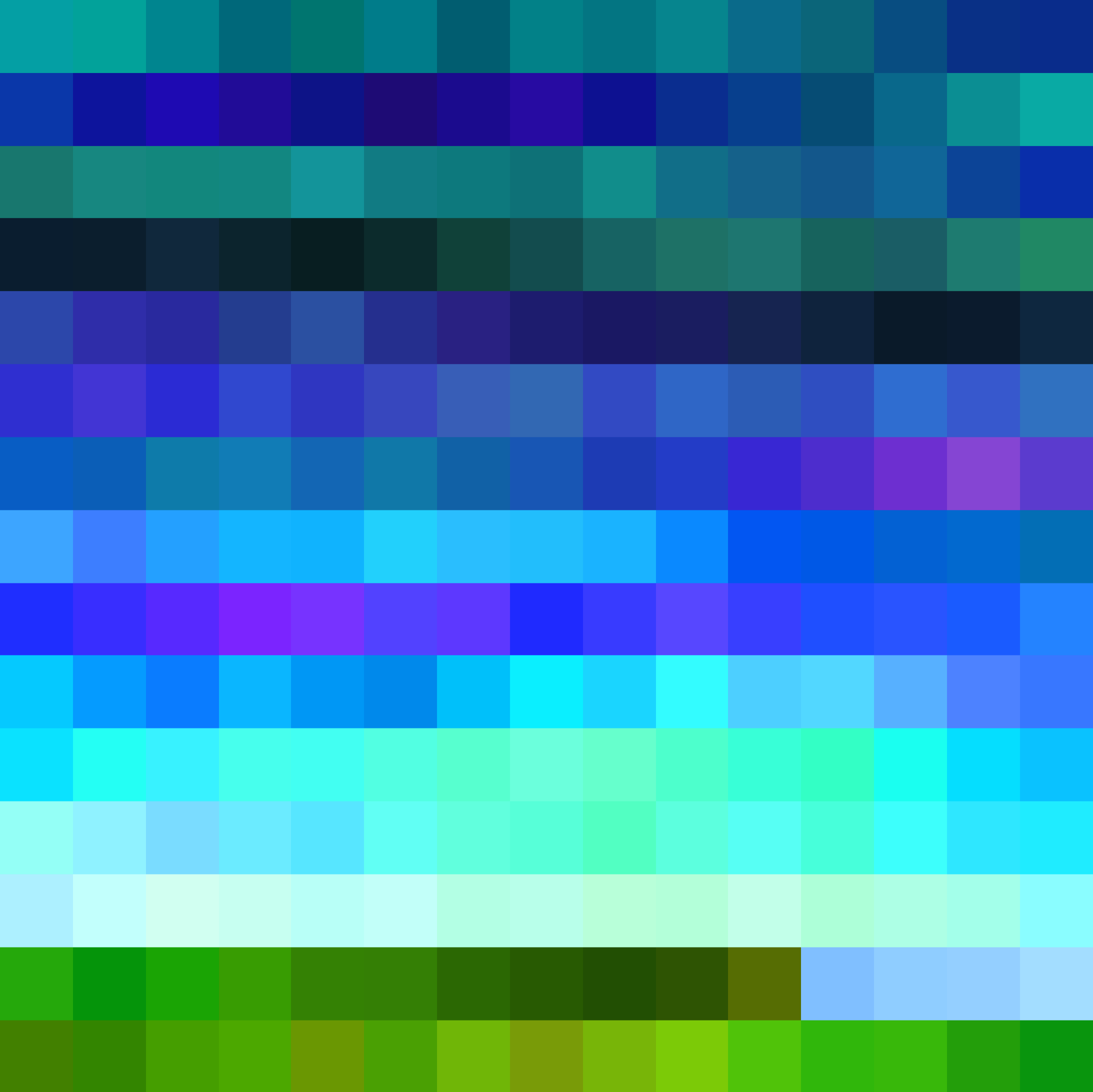
A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some green, a bit of indigo, a tiny bit of violet, and a tiny bit of lime in it.
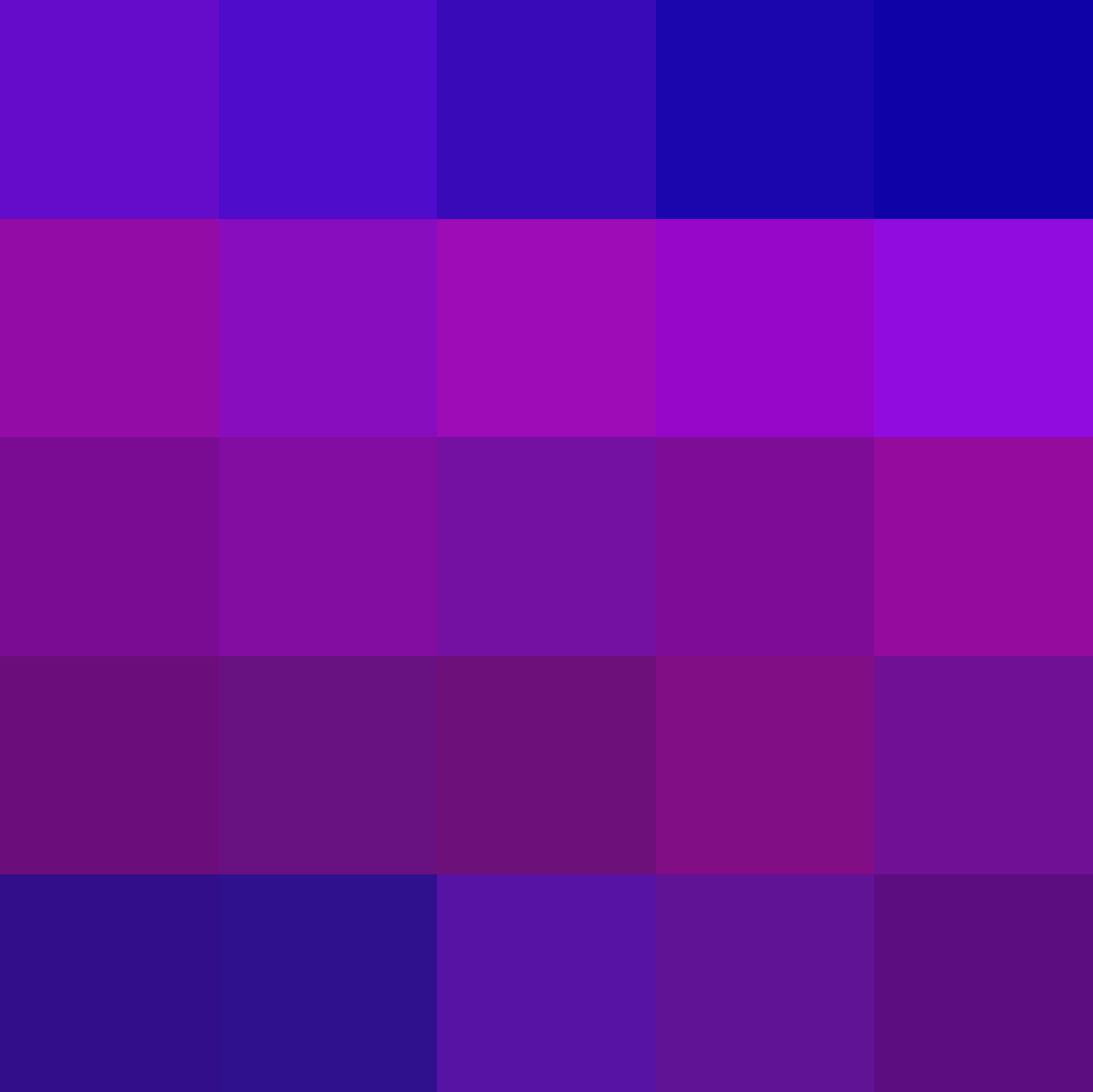
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly purple, but it also has quite some indigo, some magenta, and some violet in it.
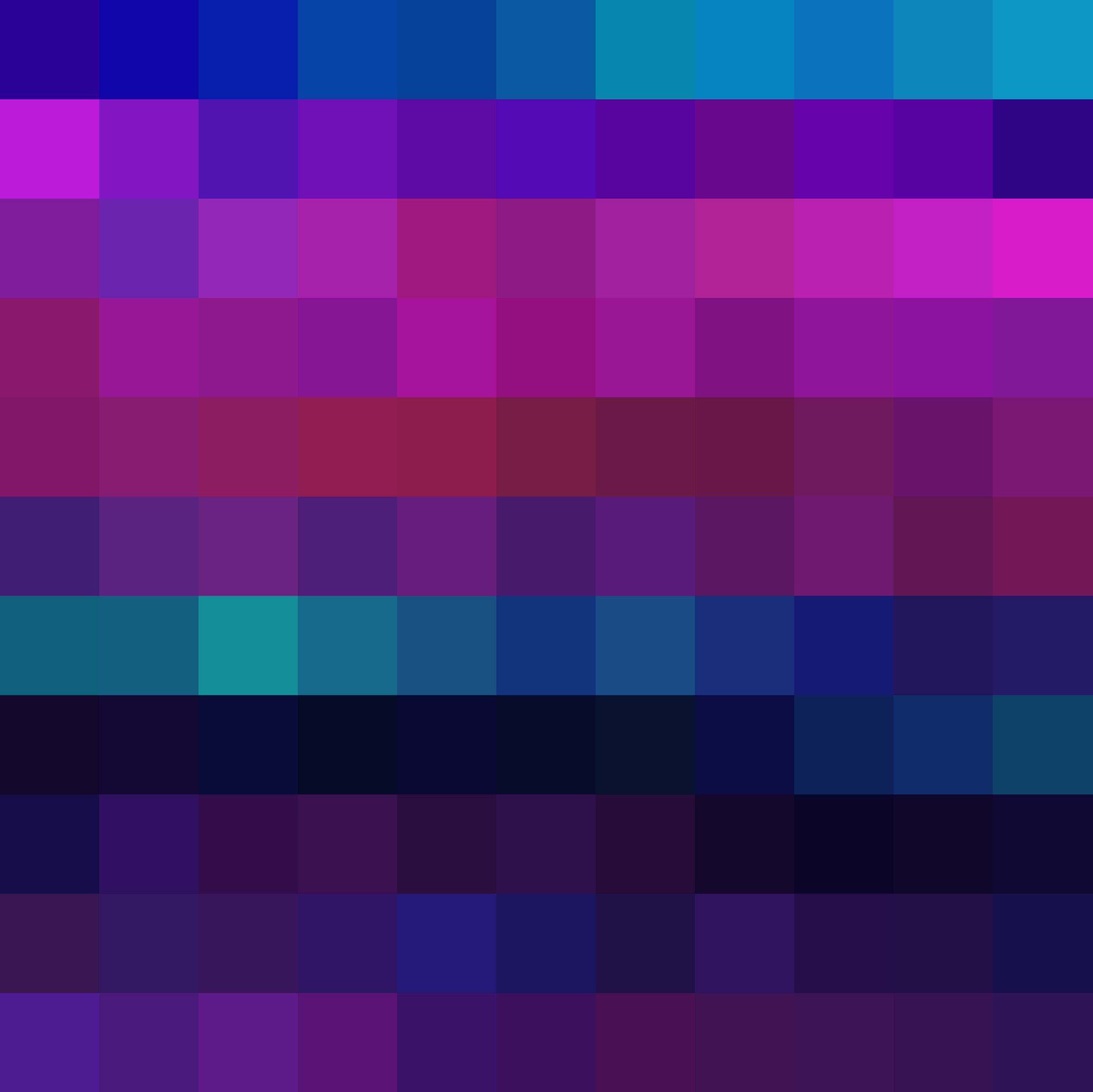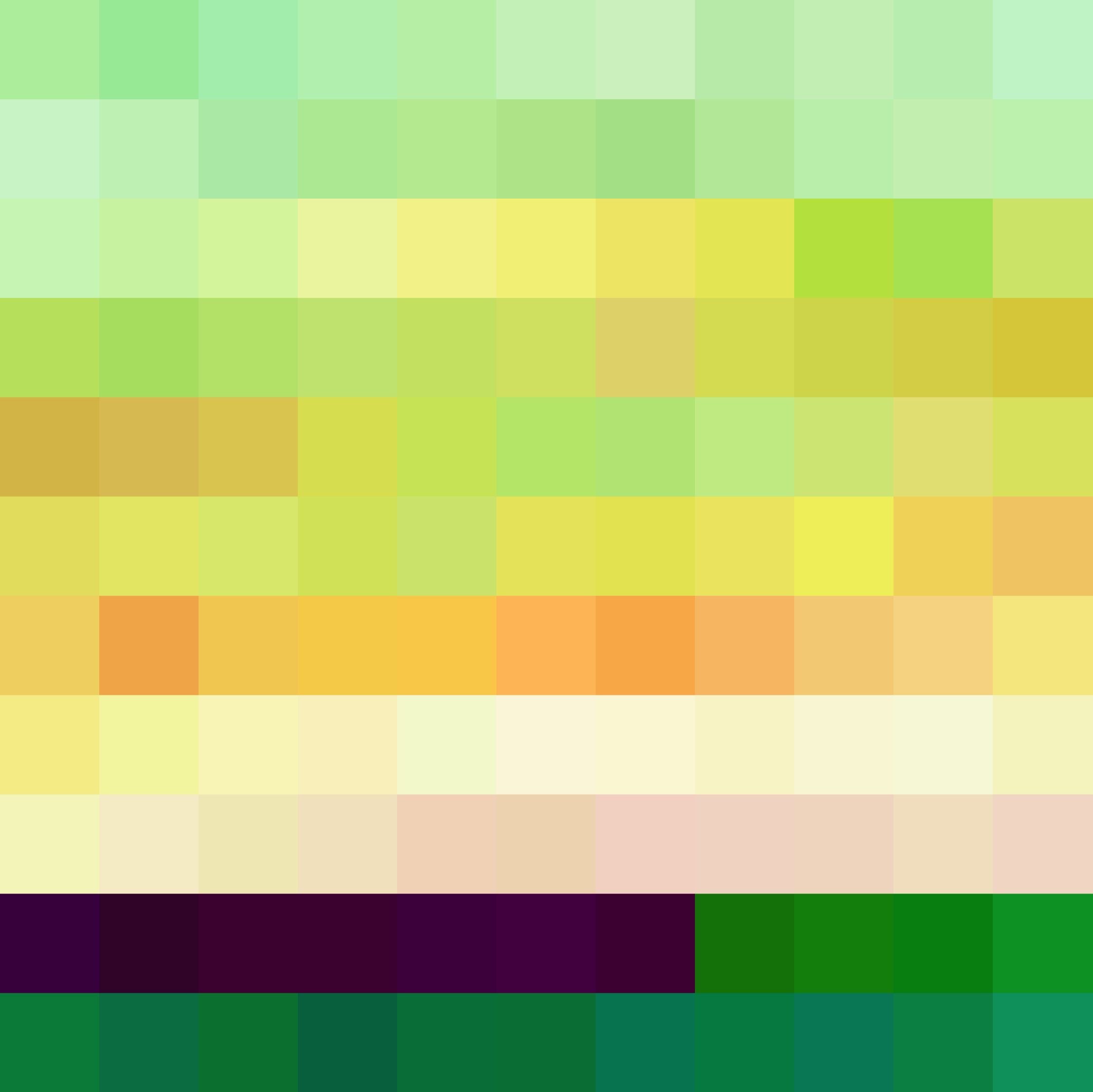
A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, and it also has quite some magenta, quite some blue, some indigo, some violet, a tiny bit of rose, and a tiny bit of cyan in it.

A colourful grid of 121 blocks. It's mostly green, but it also has quite some yellow, some orange, a bit of lime, and a little bit of magenta in it.

A grid with 100 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, and it also has some green, some cyan, some red, a bit of blue, a bit of rose, and a little bit of purple in it.
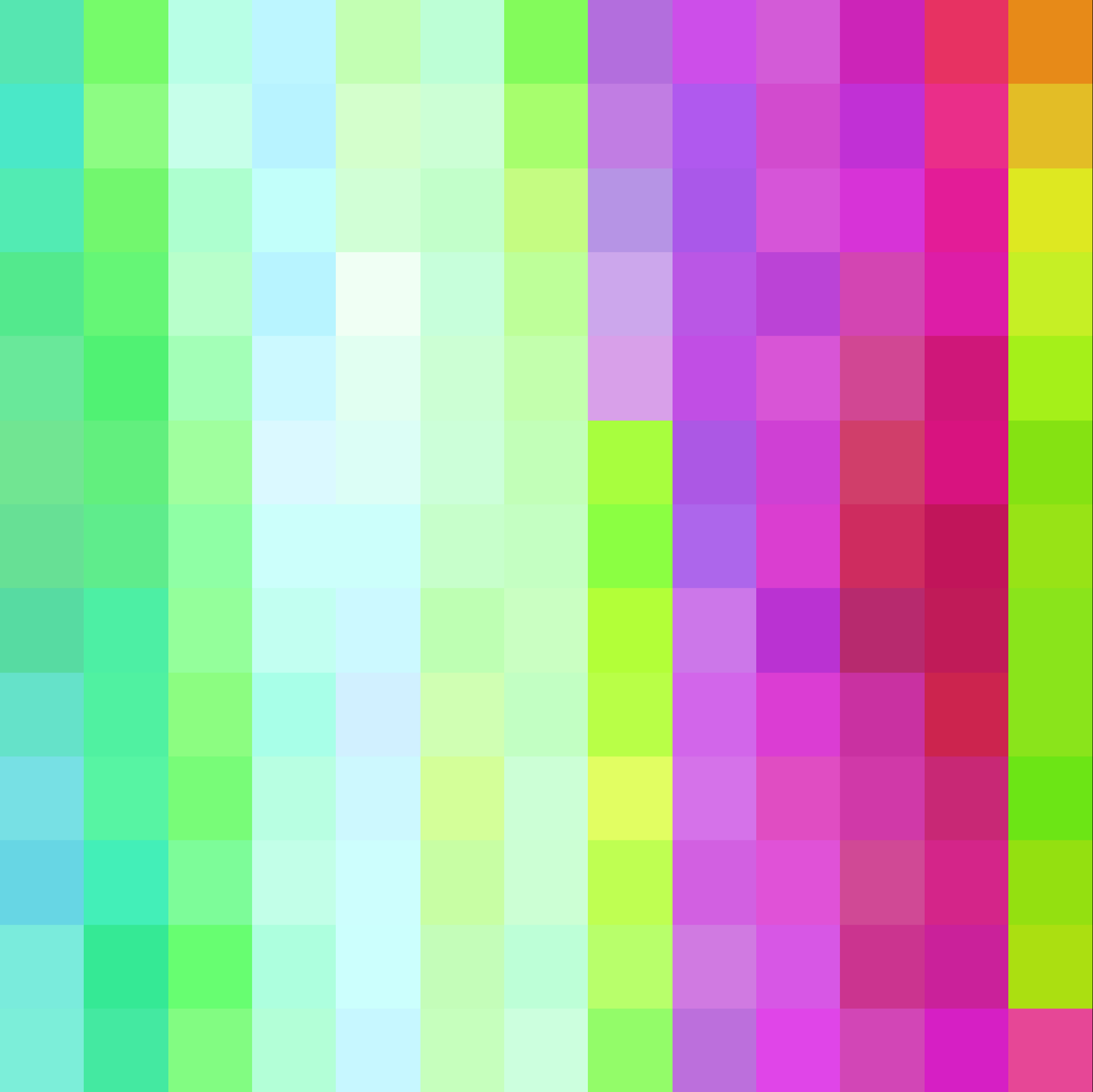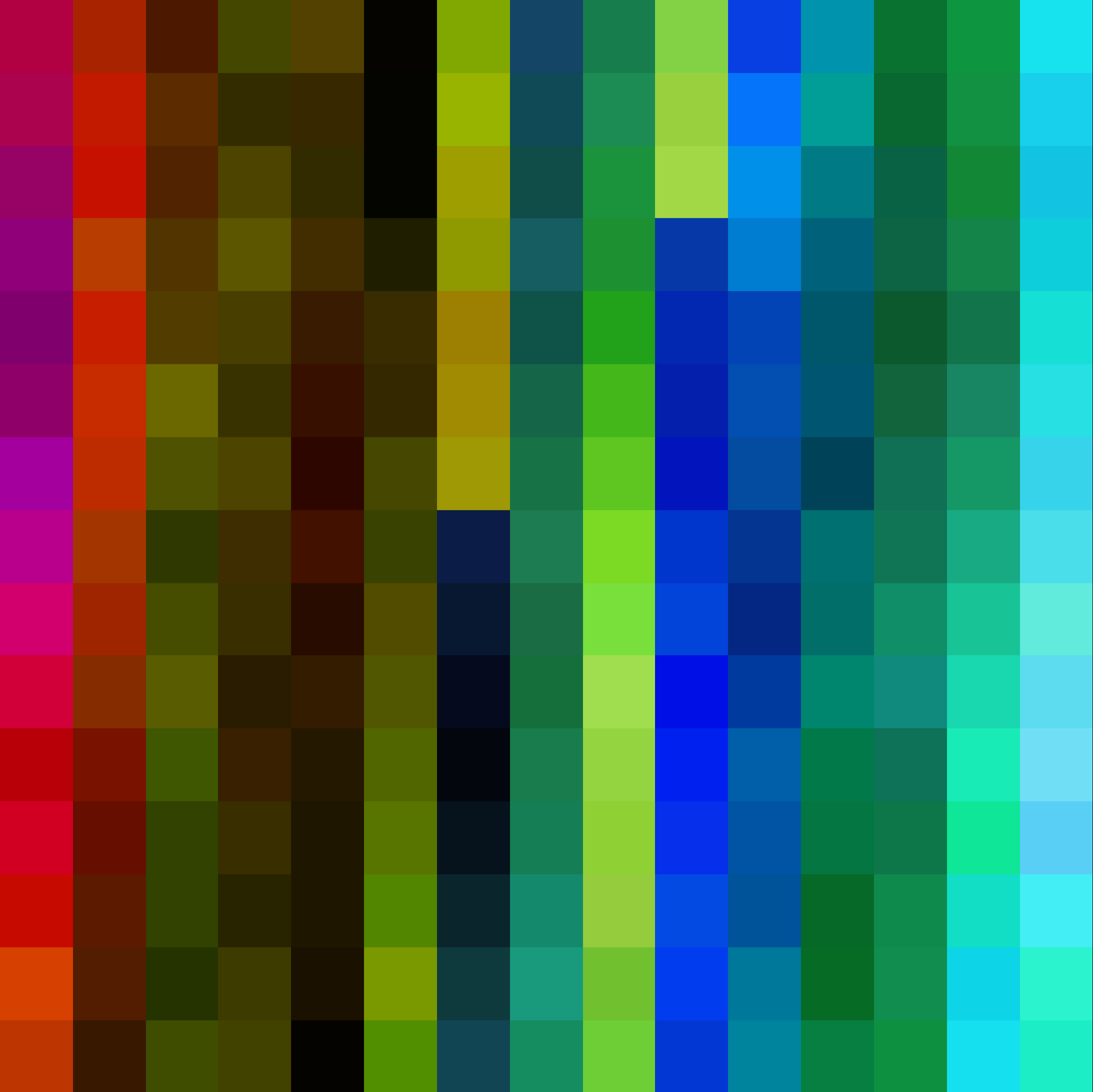
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has some magenta, some cyan, some purple, a bit of rose, a tiny bit of lime, a tiny bit of yellow, a tiny bit of blue, a tiny bit of violet, a tiny bit of red, and a tiny bit of orange in it.
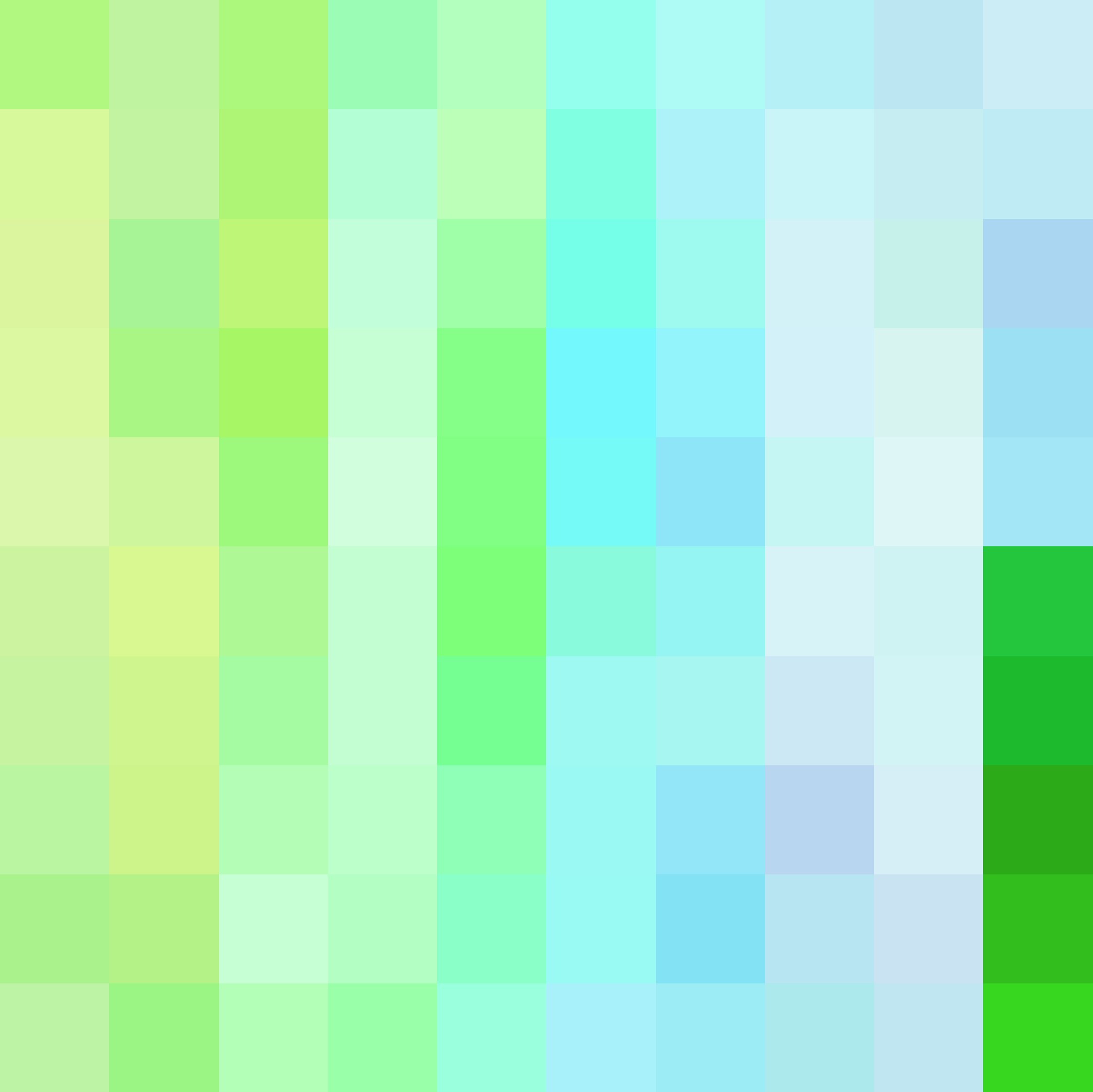
The gradient in this 10 by 10 pixel grid is mostly green, and it also has a lot of cyan, a little bit of blue, and a little bit of lime in it.

This colourful gradient, generated in this 8 by 8 pixel grid, is mostly magenta, but it also has quite some purple, quite some red, quite some orange, and a tiny bit of rose in it.

The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some cyan, some blue, some yellow, some orange, a little bit of red, a little bit of lime, a little bit of magenta, and a tiny bit of rose in it.
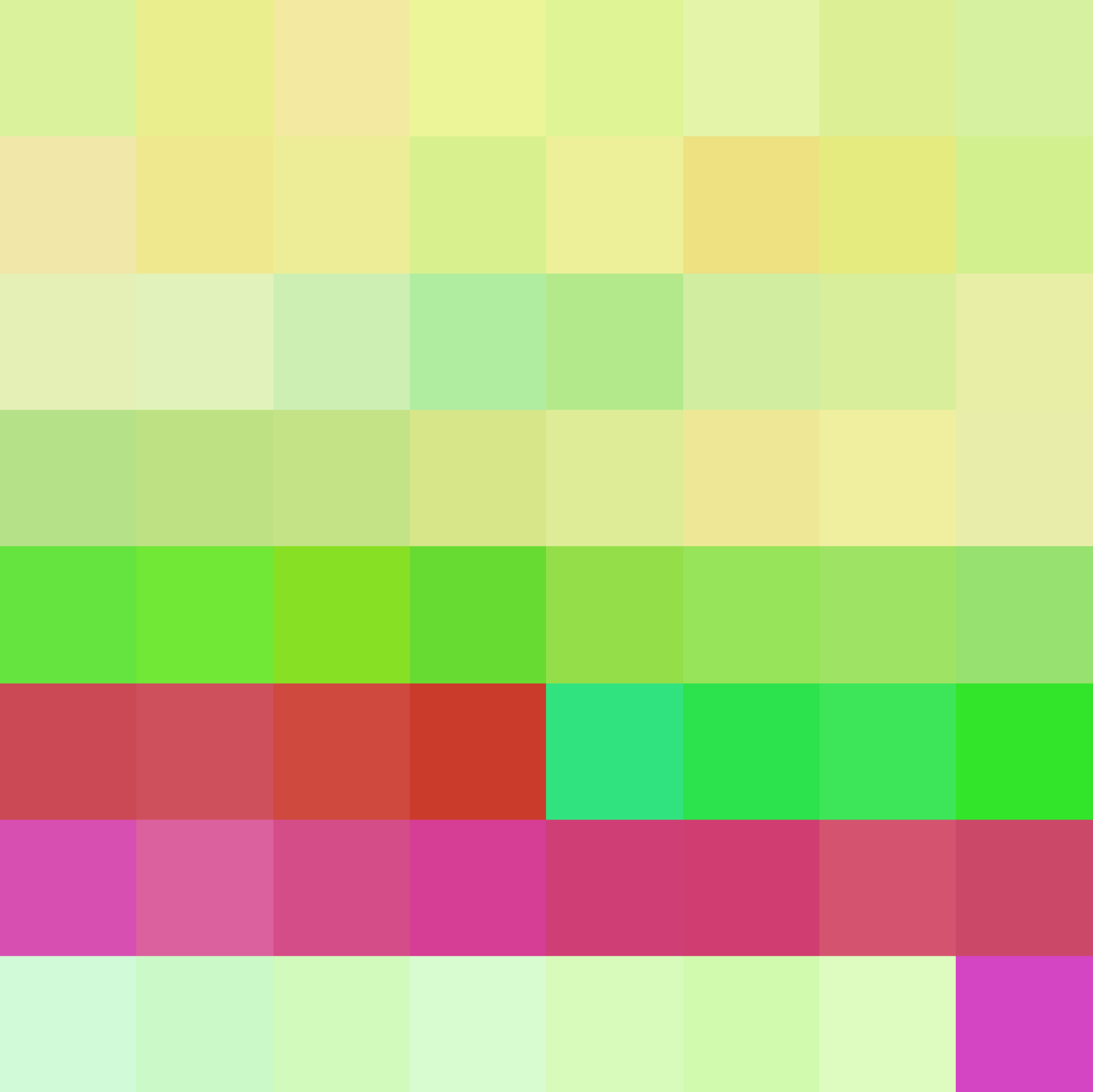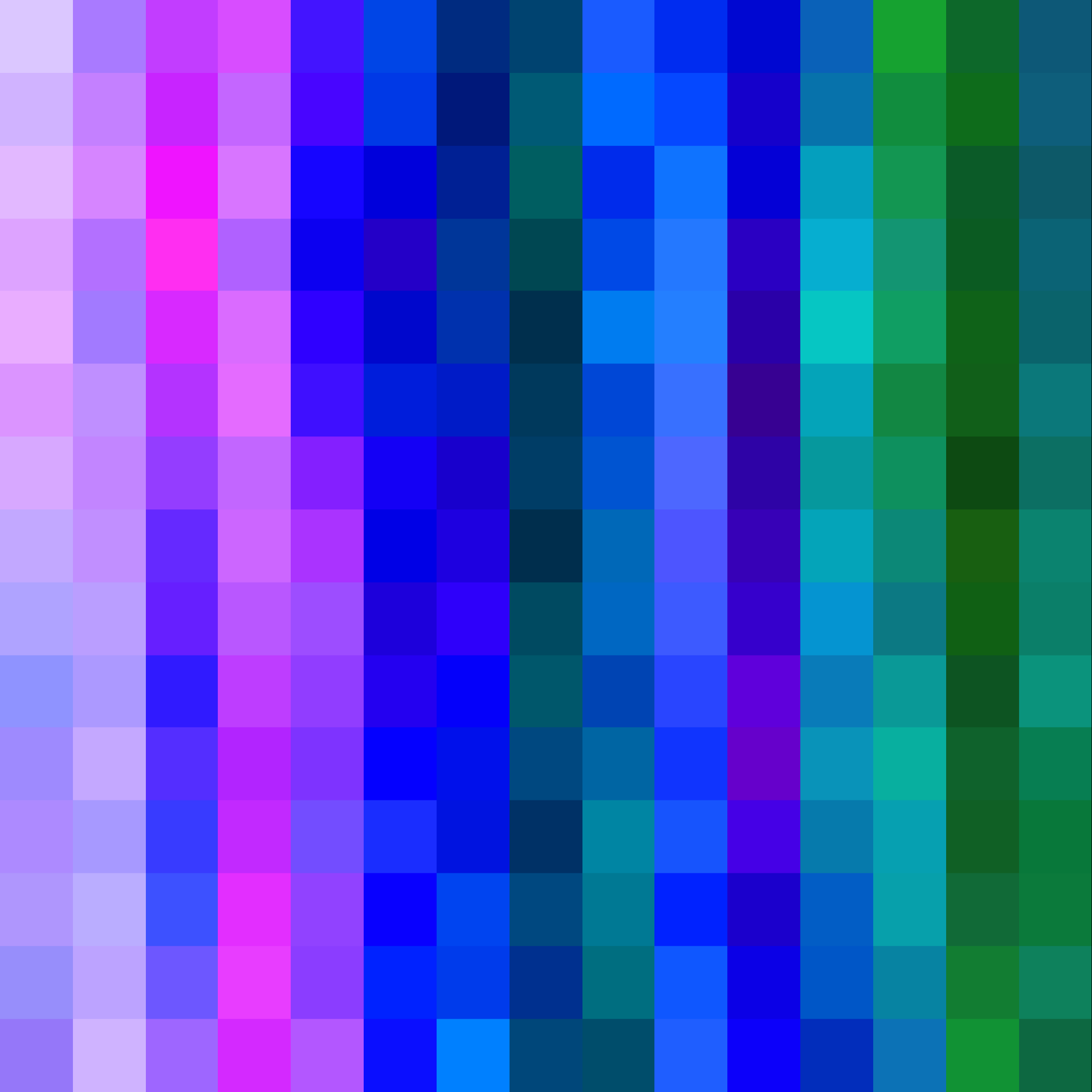
This pixel gradient—it is 8 cells wide, 8 cells high—is mostly green, but it also has quite some yellow, quite some red, and some lime in it.
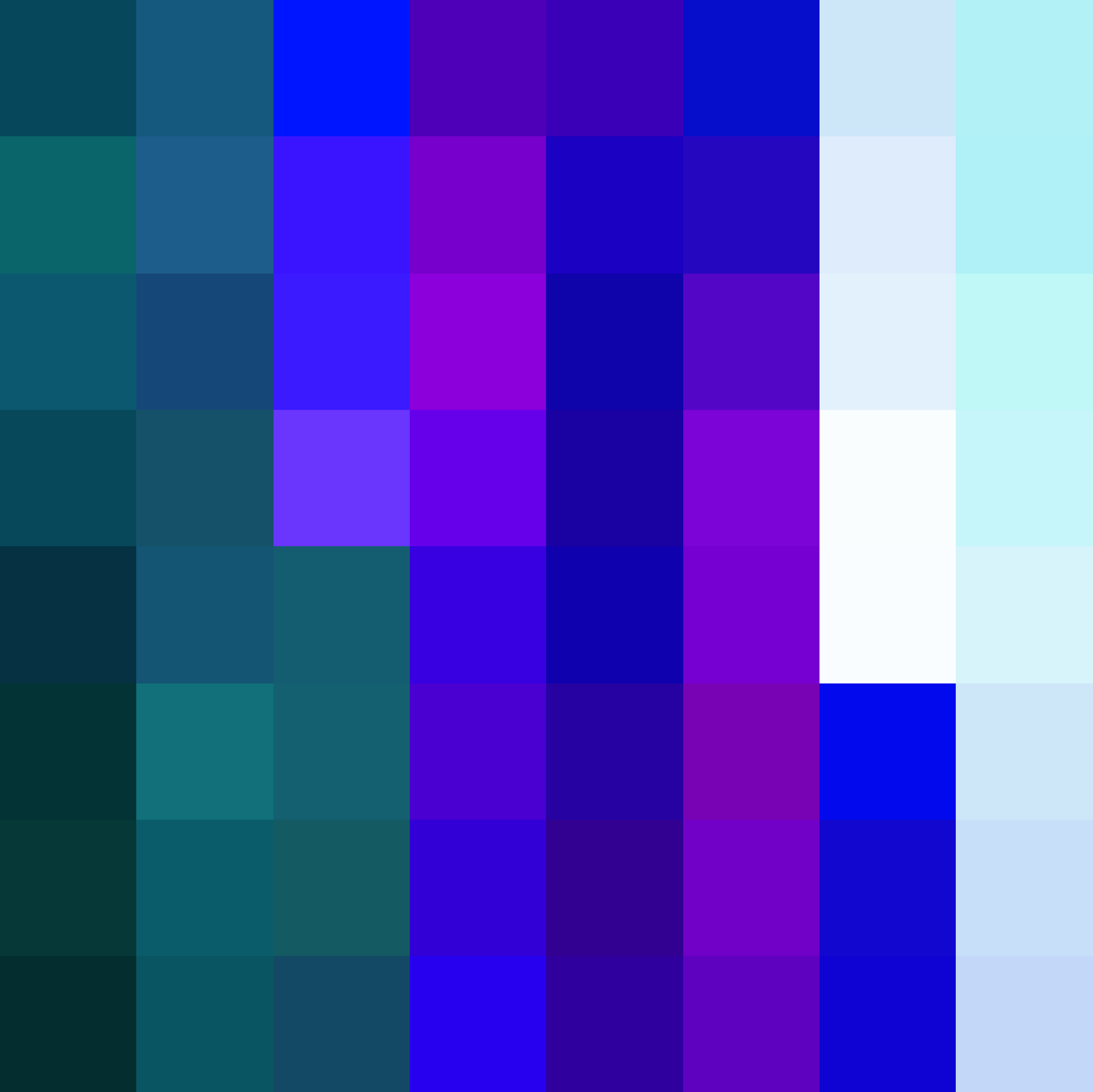
An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, quite some indigo, a bit of purple, and a bit of violet in it.
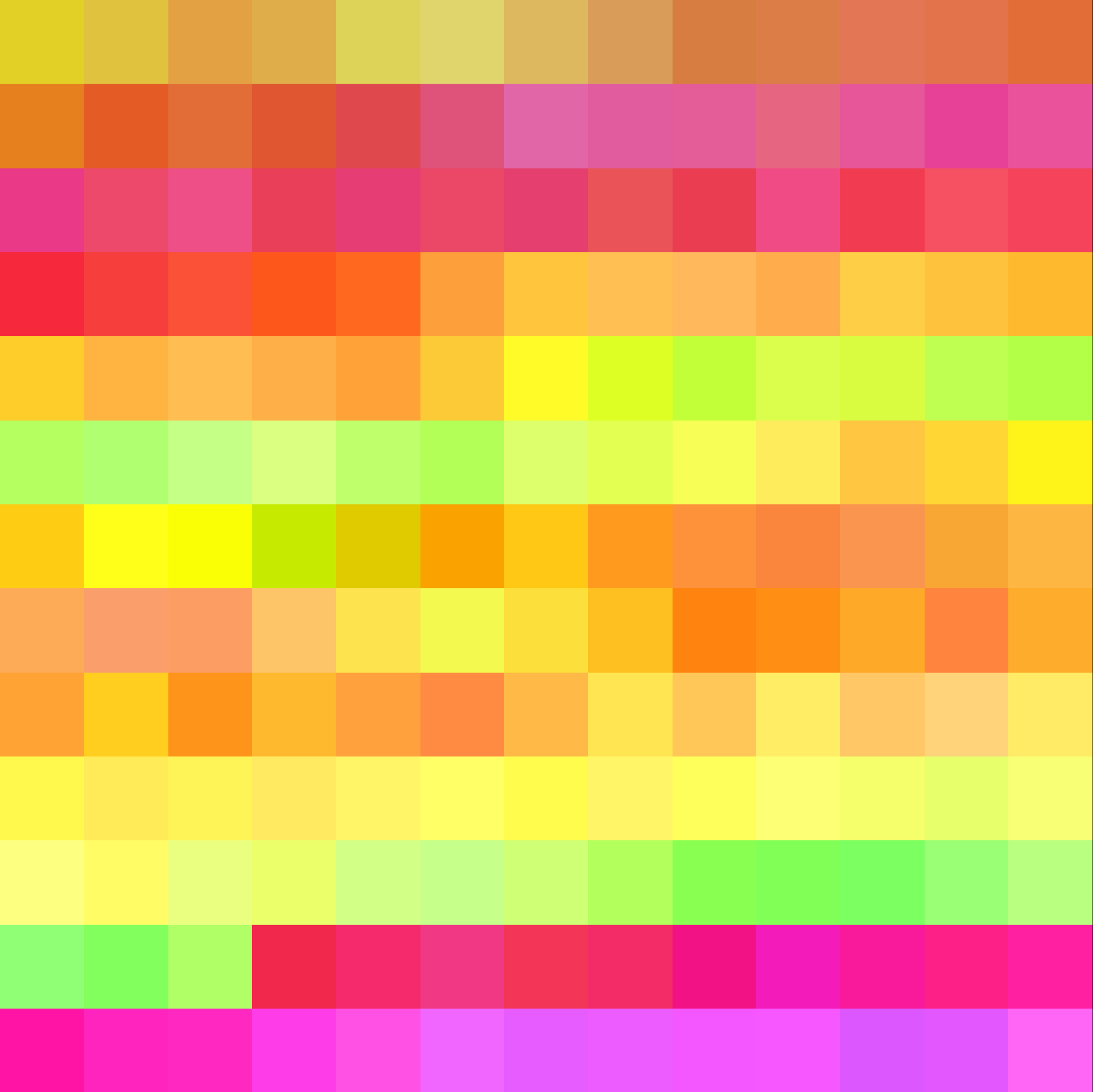
The very, very colourful gradient in this 13 by 13 pixel grid is mostly orange, and it also has quite some yellow, some red, some green, a bit of magenta, a little bit of lime, a little bit of rose, and a tiny bit of purple in it.

A very colourful grid of 225 blocks. It's mostly blue, and it also has quite some indigo, some cyan, some green, some purple, a bit of violet, and a tiny bit of magenta in it.

The two tone gradient in this 9 by 9 pixel grid is mostly green, and it also has a tiny bit of lime in it.
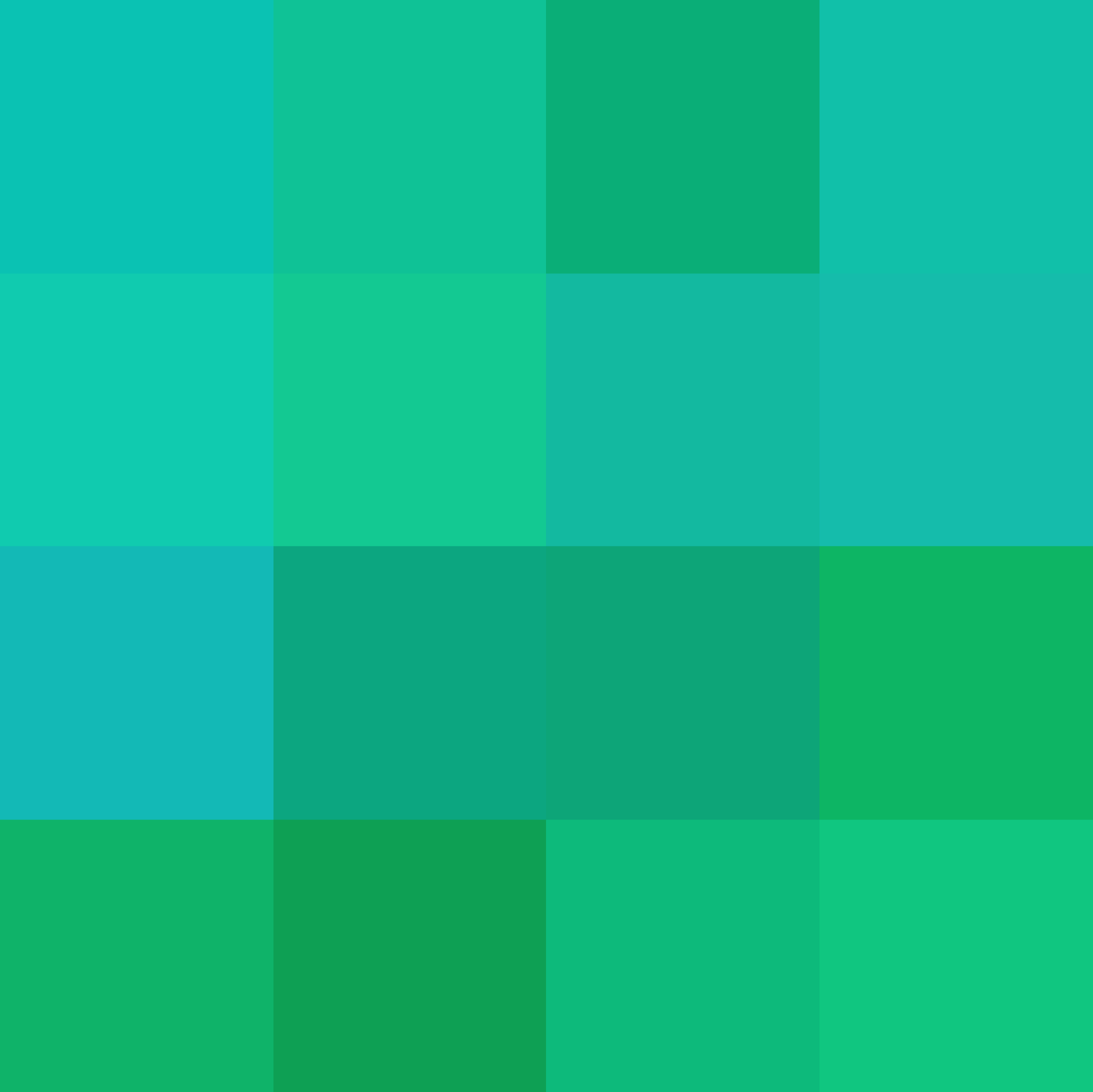
This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly cyan, but it also has a lot of green in it.
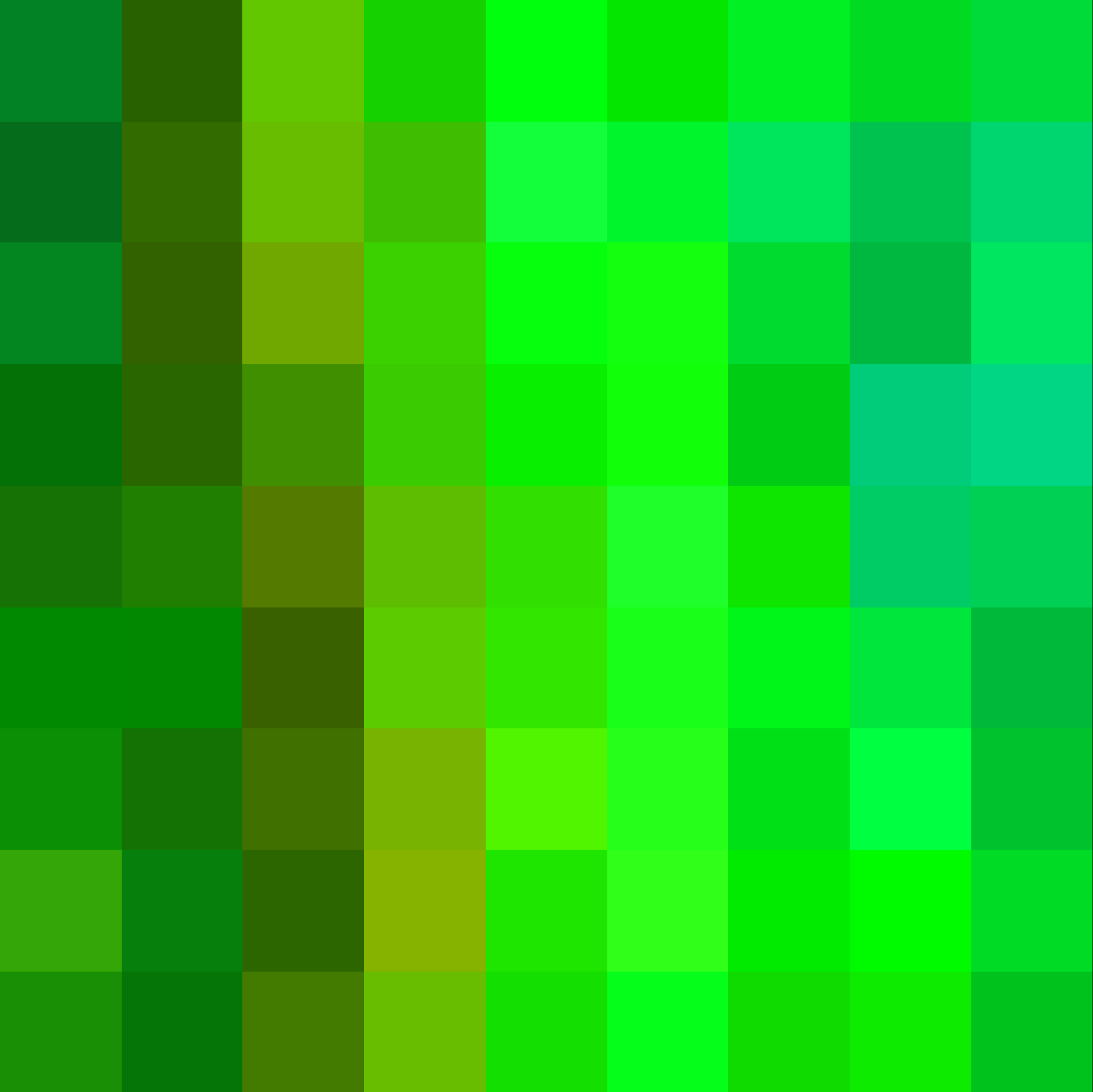
A 12 by 12 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has some blue, some cyan, a little bit of yellow, and a tiny bit of orange in it.

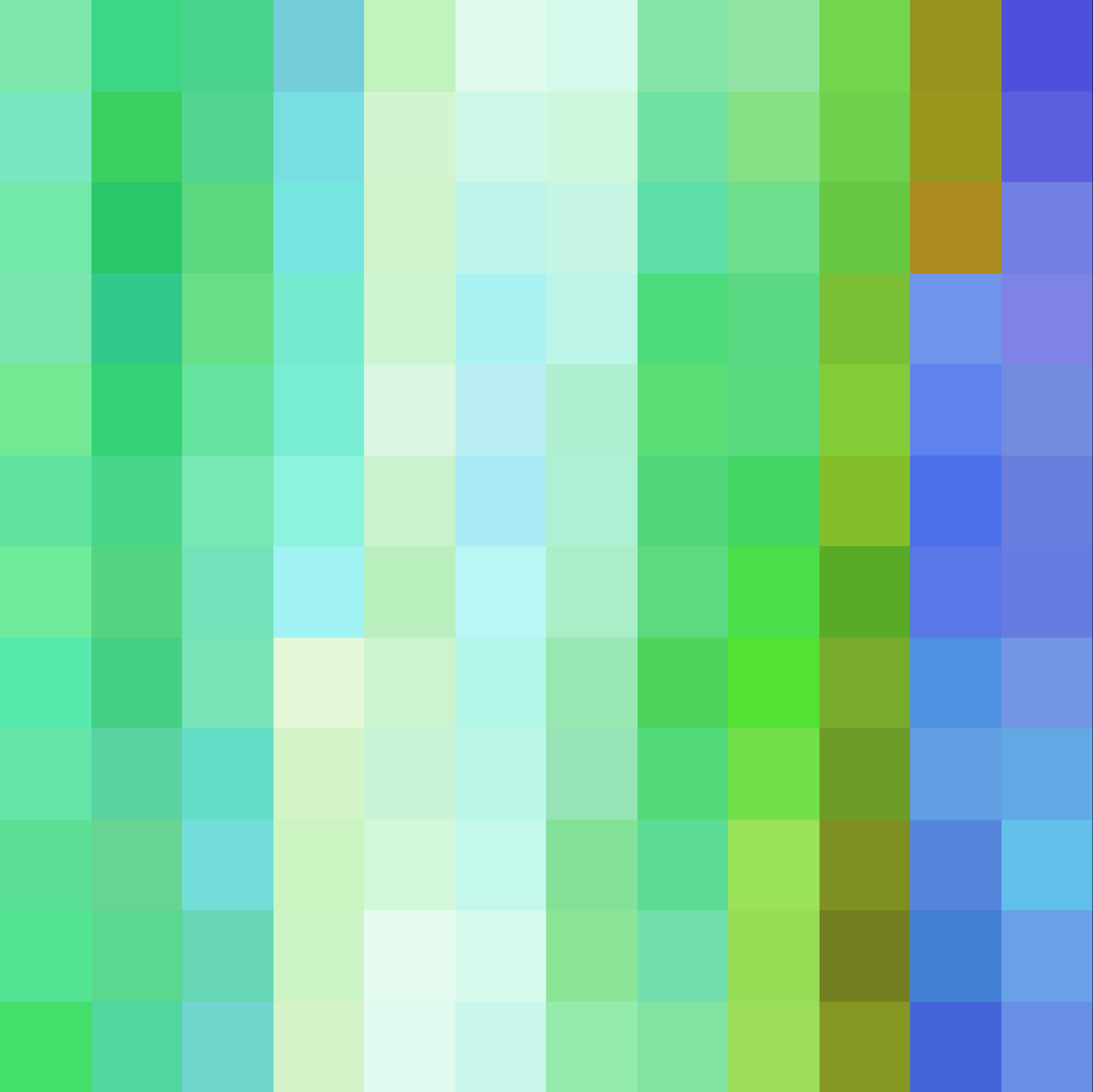The gradient in this 7 by 7 pixel grid is mostly cyan, and it also has quite some green, and a bit of blue in it.

The very colourful gradient in this 7 by 7 pixel grid is mostly indigo, and it also has quite some blue, some purple, a bit of violet, a bit of orange, and a little bit of magenta in it.

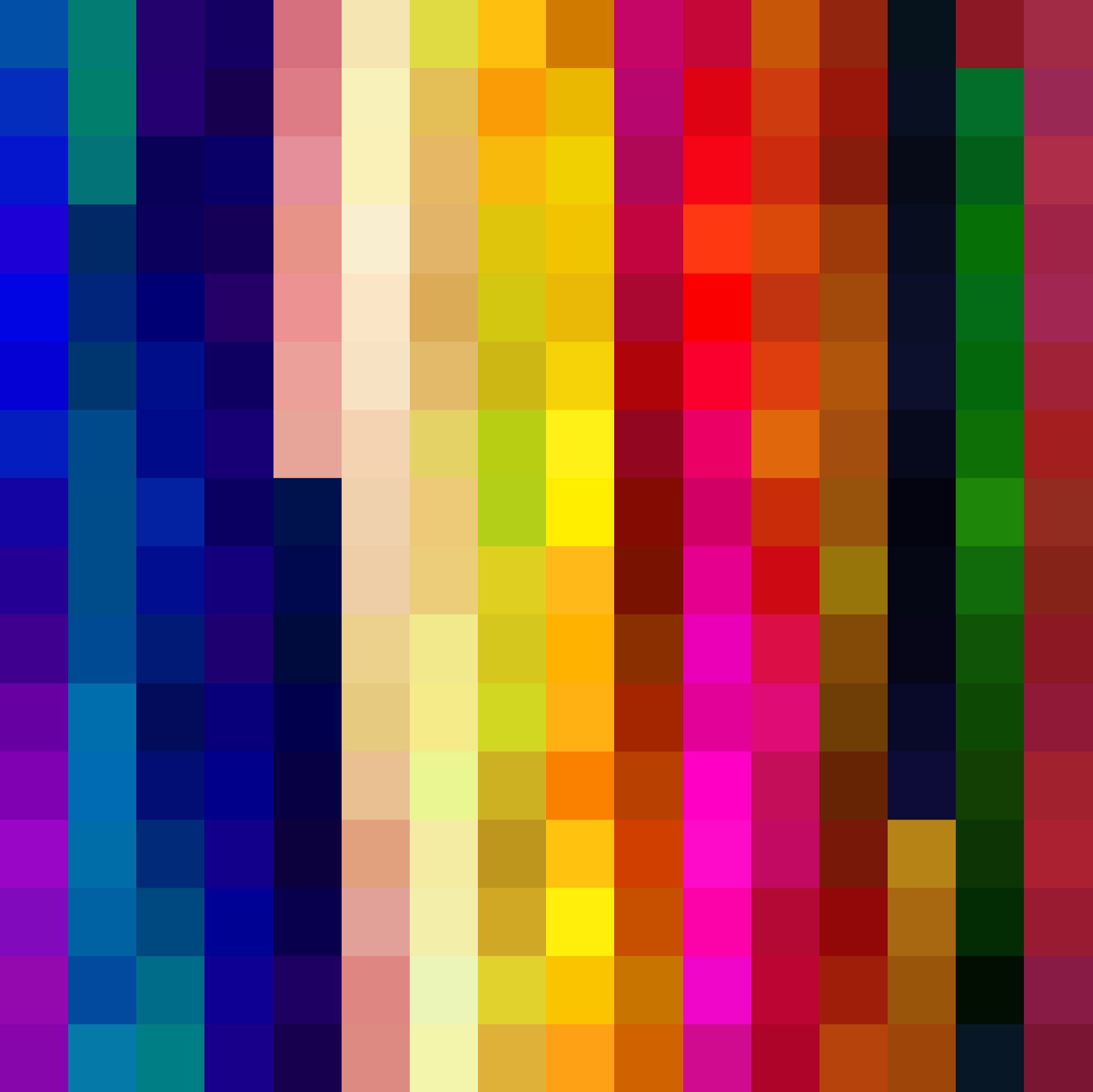There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly magenta, and it also has quite some rose, a bit of red, a bit of purple, a bit of green, a little bit of yellow, a tiny bit of lime, and a tiny bit of violet in it.
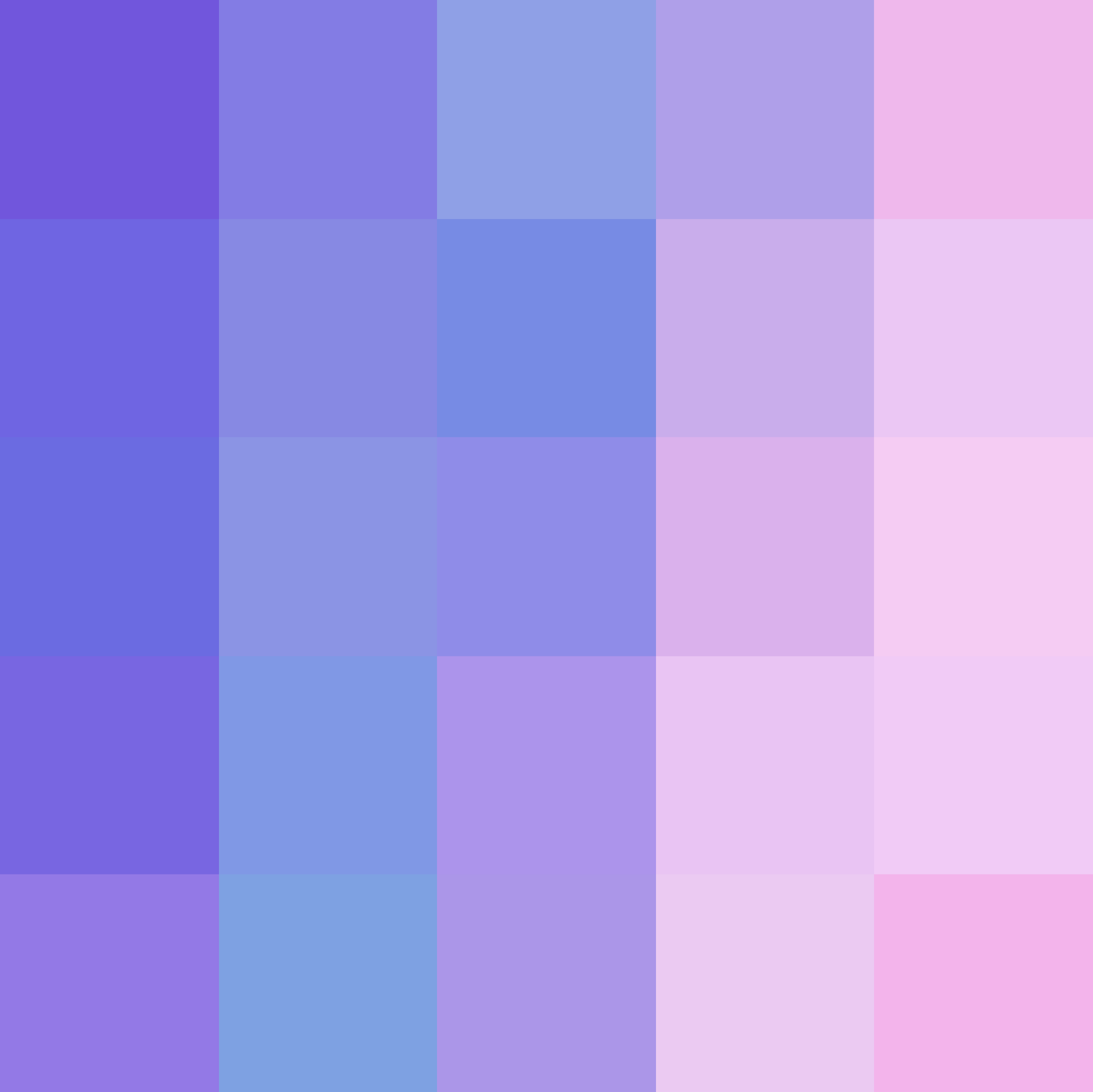
Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly indigo, and it also has quite some blue, some purple, some magenta, and a little bit of violet in it.
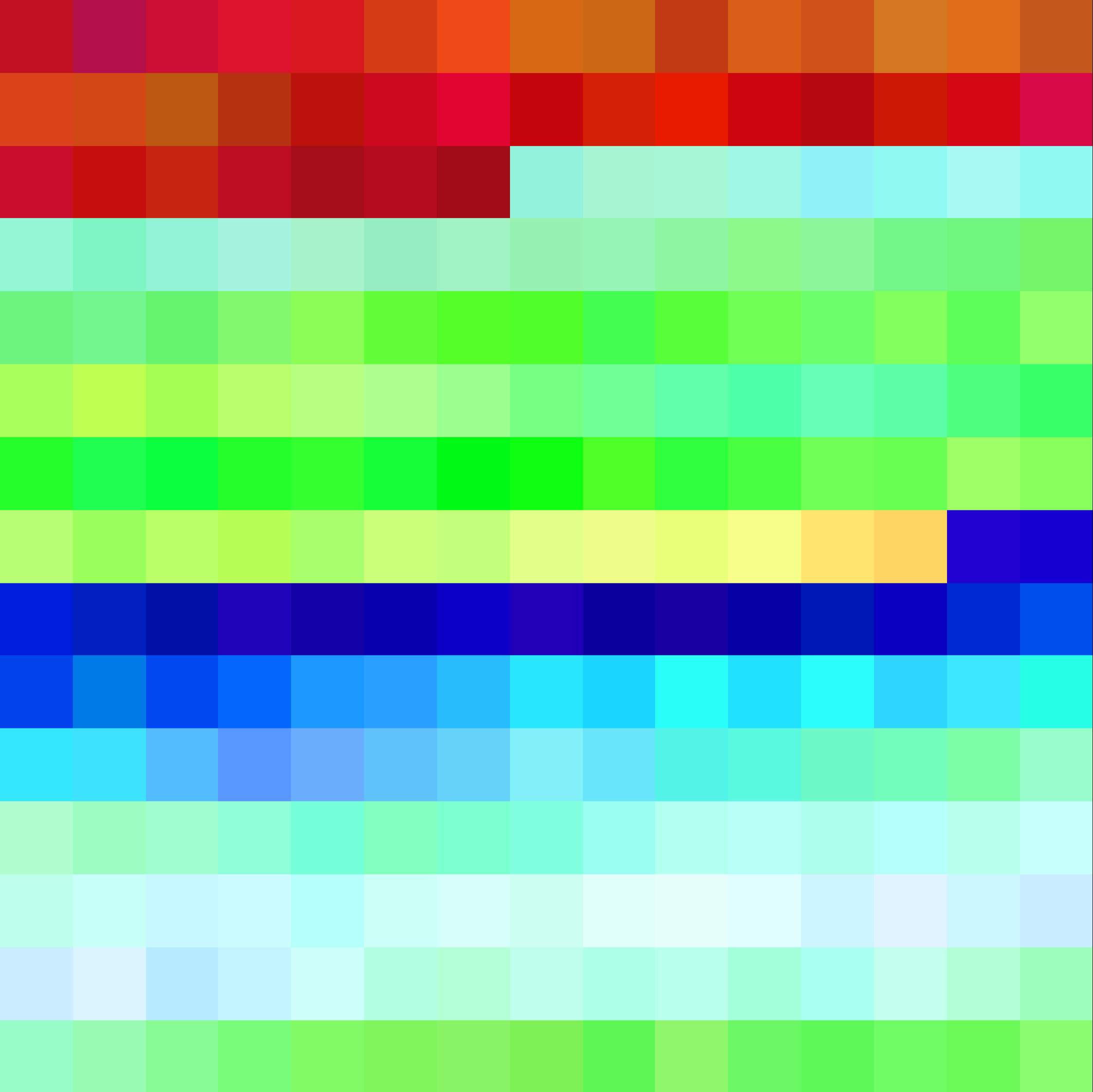
A very, very colourful grid of 225 blocks. It's mostly green, and it also has quite some cyan, some red, a bit of blue, a little bit of indigo, a little bit of orange, a tiny bit of yellow, a tiny bit of rose, and a tiny bit of lime in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly red, and it also has quite some orange, some blue, some yellow, some indigo, a little bit of green, a tiny bit of purple, a tiny bit of cyan, a tiny bit of rose, and a tiny bit of violet in it.
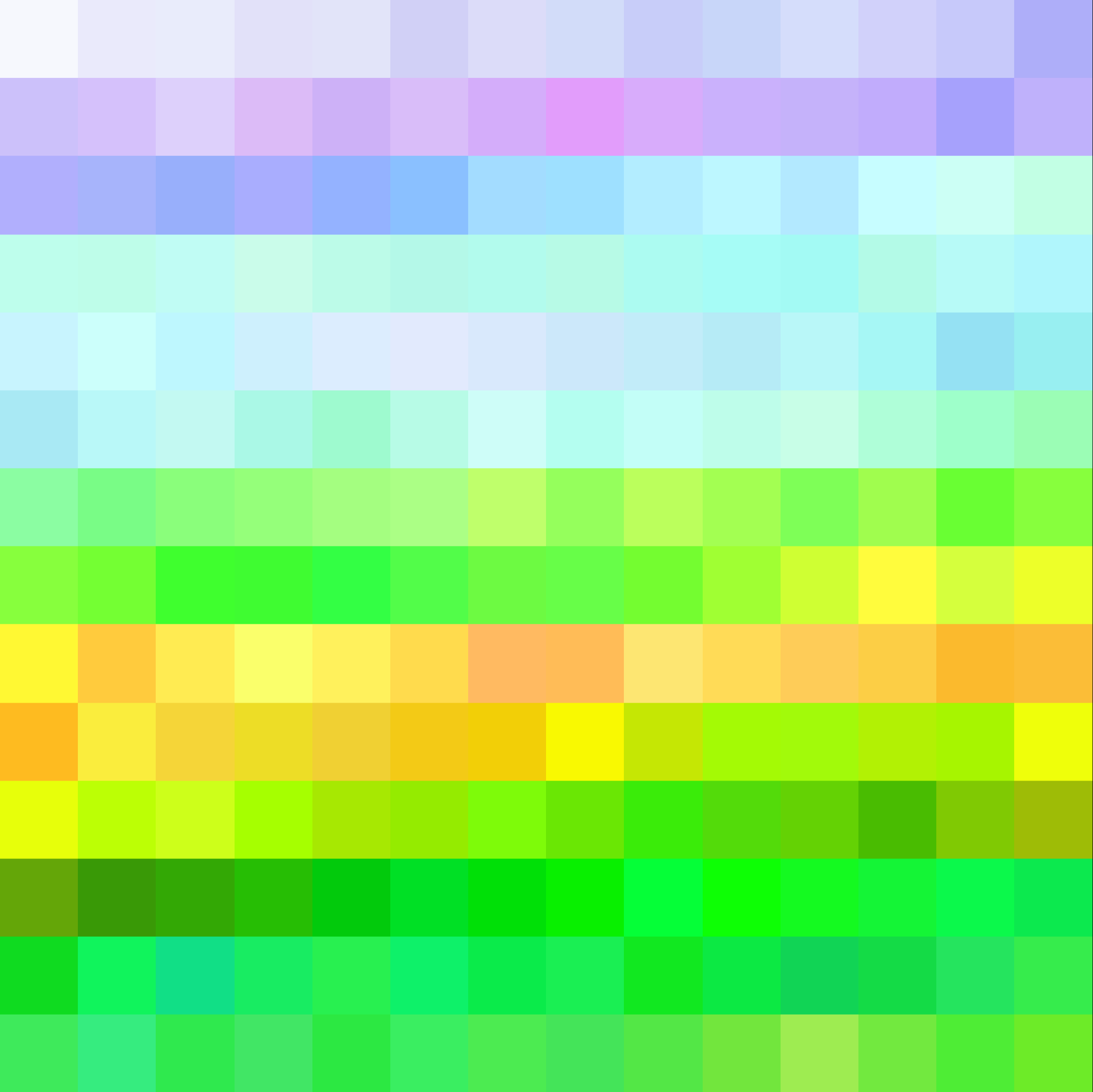
This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, and it also has some cyan, some blue, a bit of yellow, a little bit of indigo, a little bit of orange, a little bit of lime, a tiny bit of violet, and a tiny bit of purple in it.

The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly orange, but it also has quite some yellow, some red, some green, a little bit of lime, a little bit of blue, and a tiny bit of cyan in it.
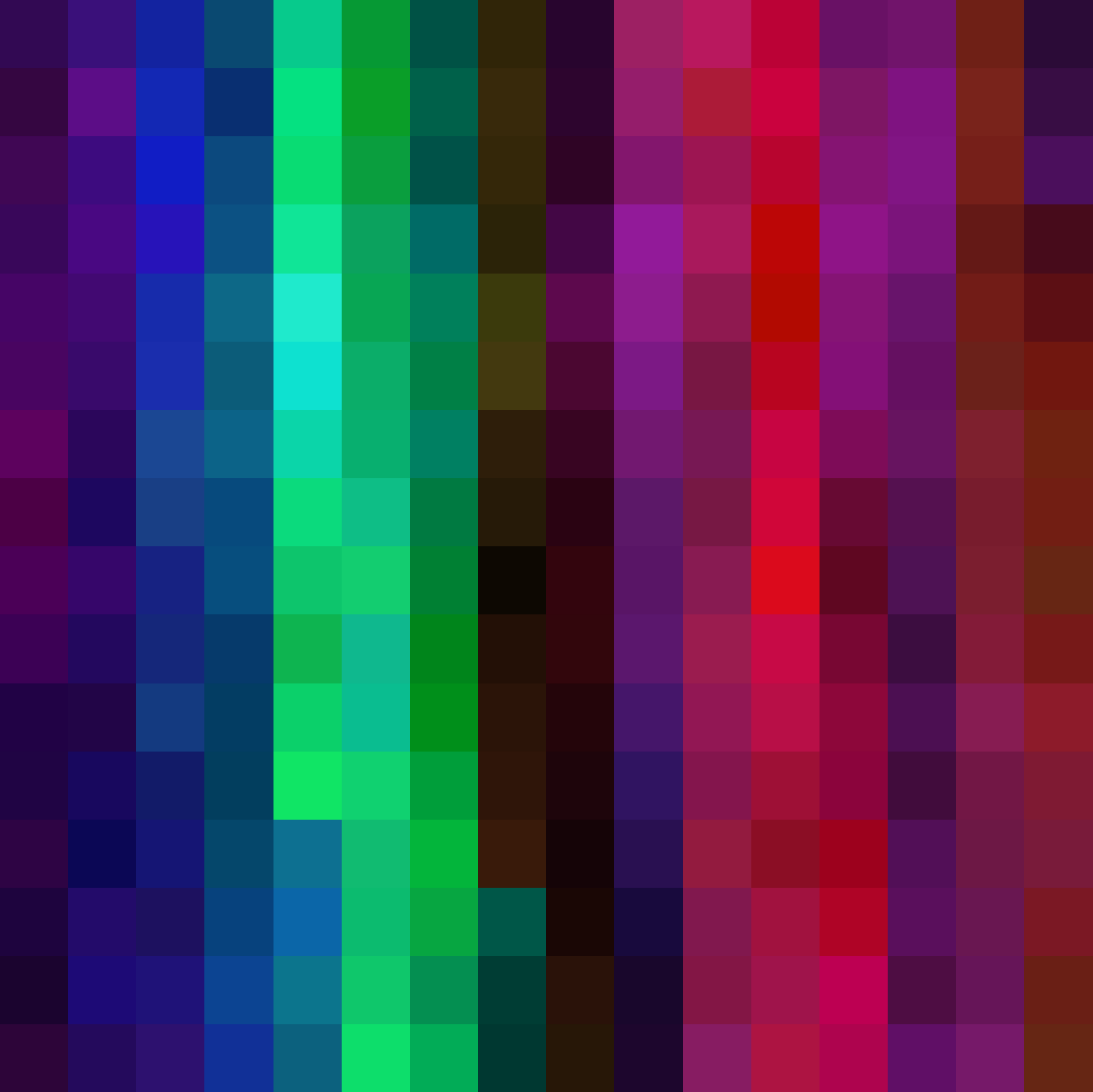
A very, very colourful grid of 256 blocks. It's mostly red, and it also has some green, some blue, a little bit of purple, a little bit of cyan, a little bit of orange, a little bit of indigo, a little bit of violet, a tiny bit of magenta, and a tiny bit of yellow in it.
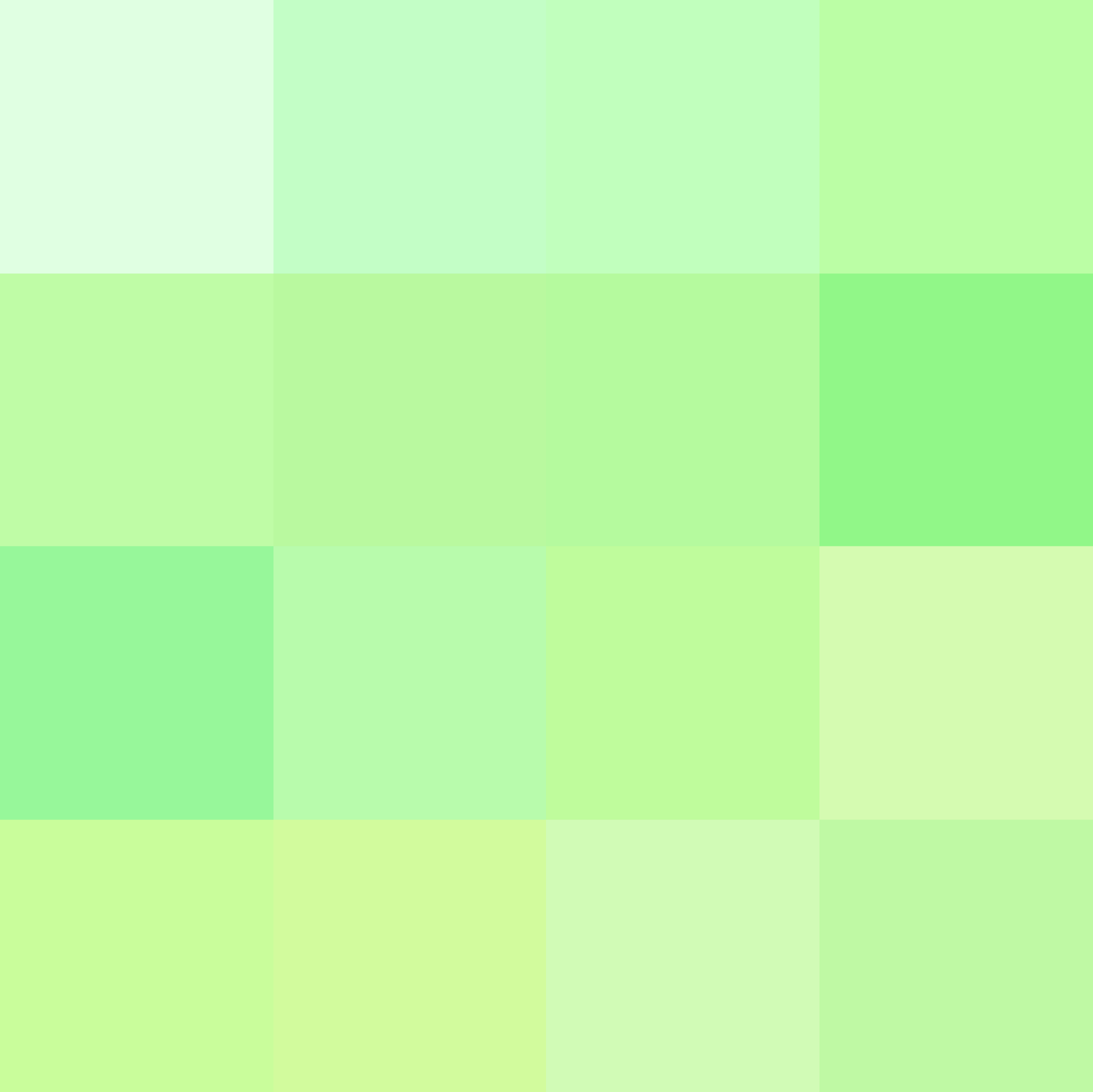
A 4 by 4 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.

Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly yellow, and it also has some orange, some green, some red, a bit of magenta, a bit of purple, and a little bit of lime in it.
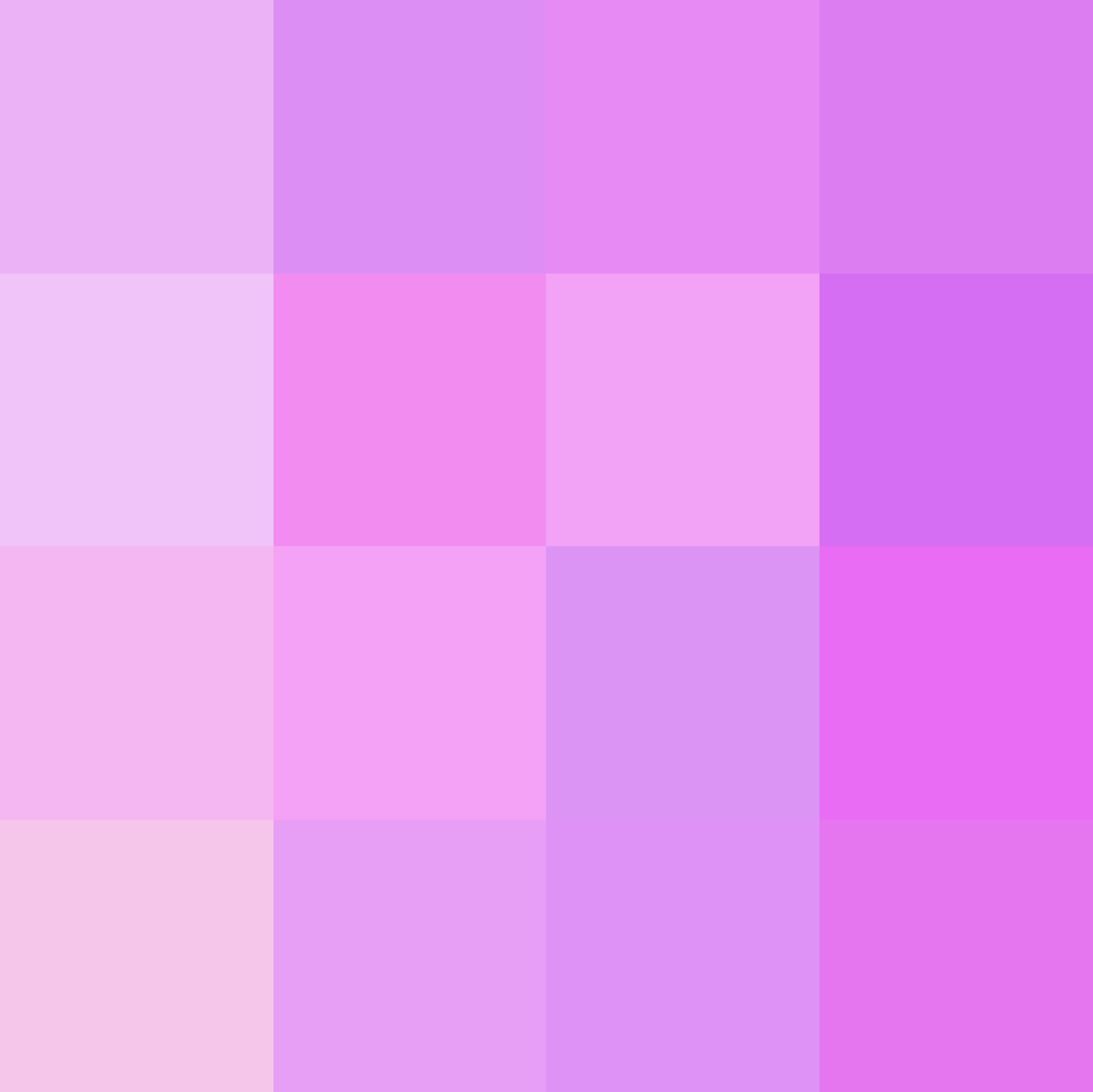
There's a two tone pixel gradient in this 4 by 4 grid. It is mostly magenta, but it also has a lot of purple in it.

The very colourful gradient in this 10 by 10 pixel grid is mostly red, but it also has quite some orange, some yellow, some rose, some magenta, a bit of lime, and a little bit of green 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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