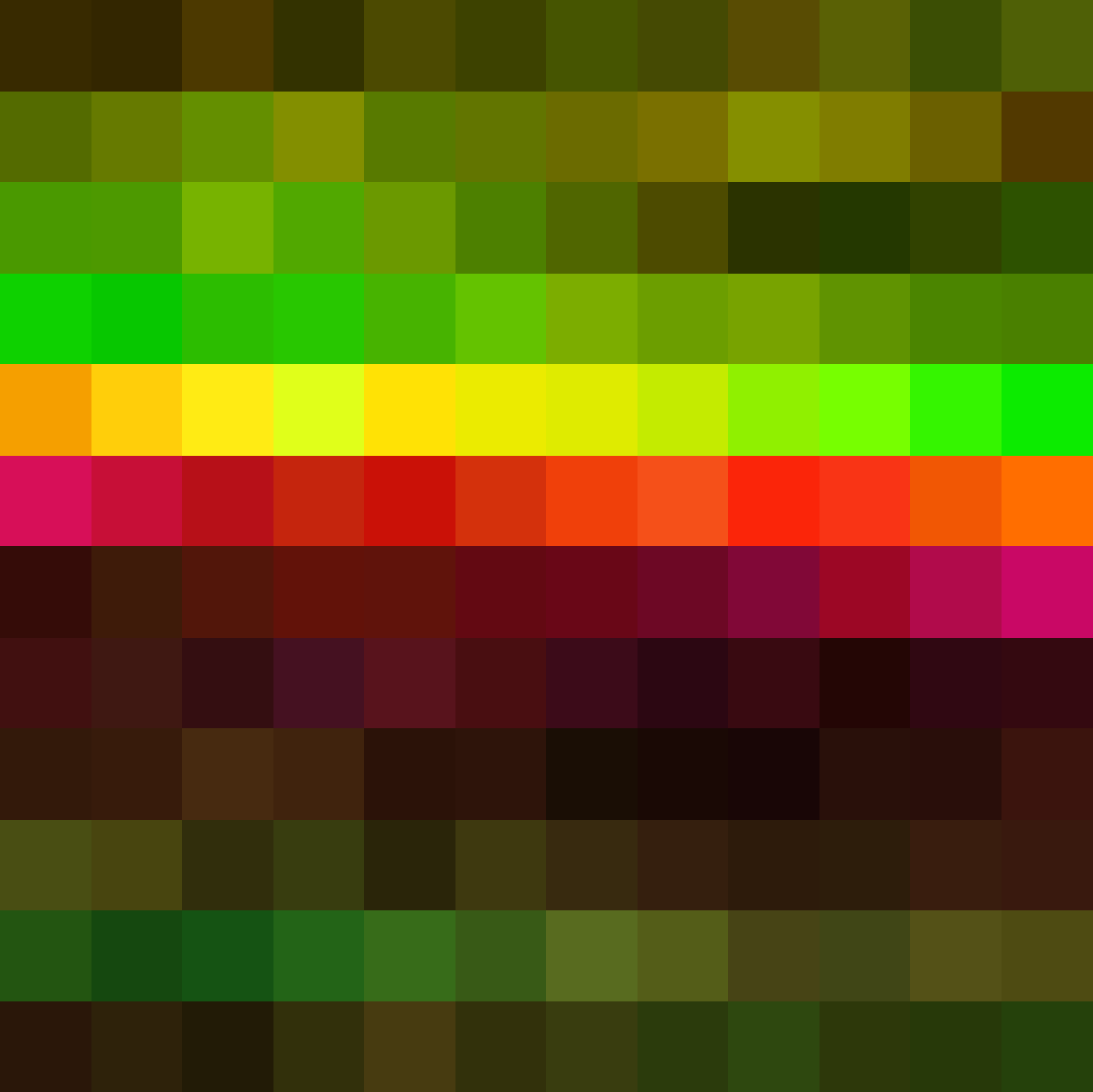# 100 random pixel gradients
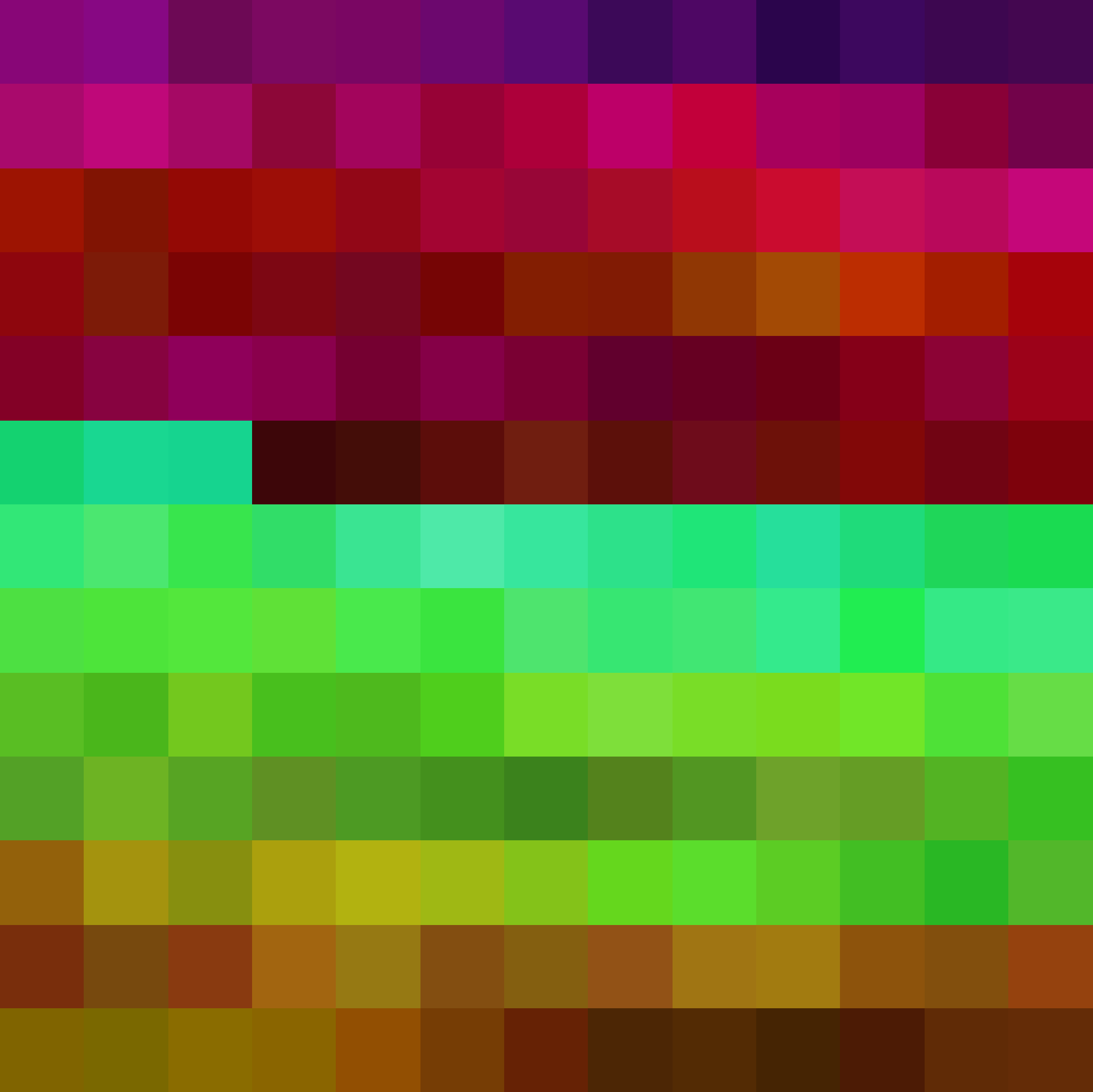
Vasilis van Gemert – 17-10-2023

The colourful gradient in this 12 by 12 pixel grid is mostly red, but it also has quite some yellow, quite some green, some orange, and a bit of lime in it.
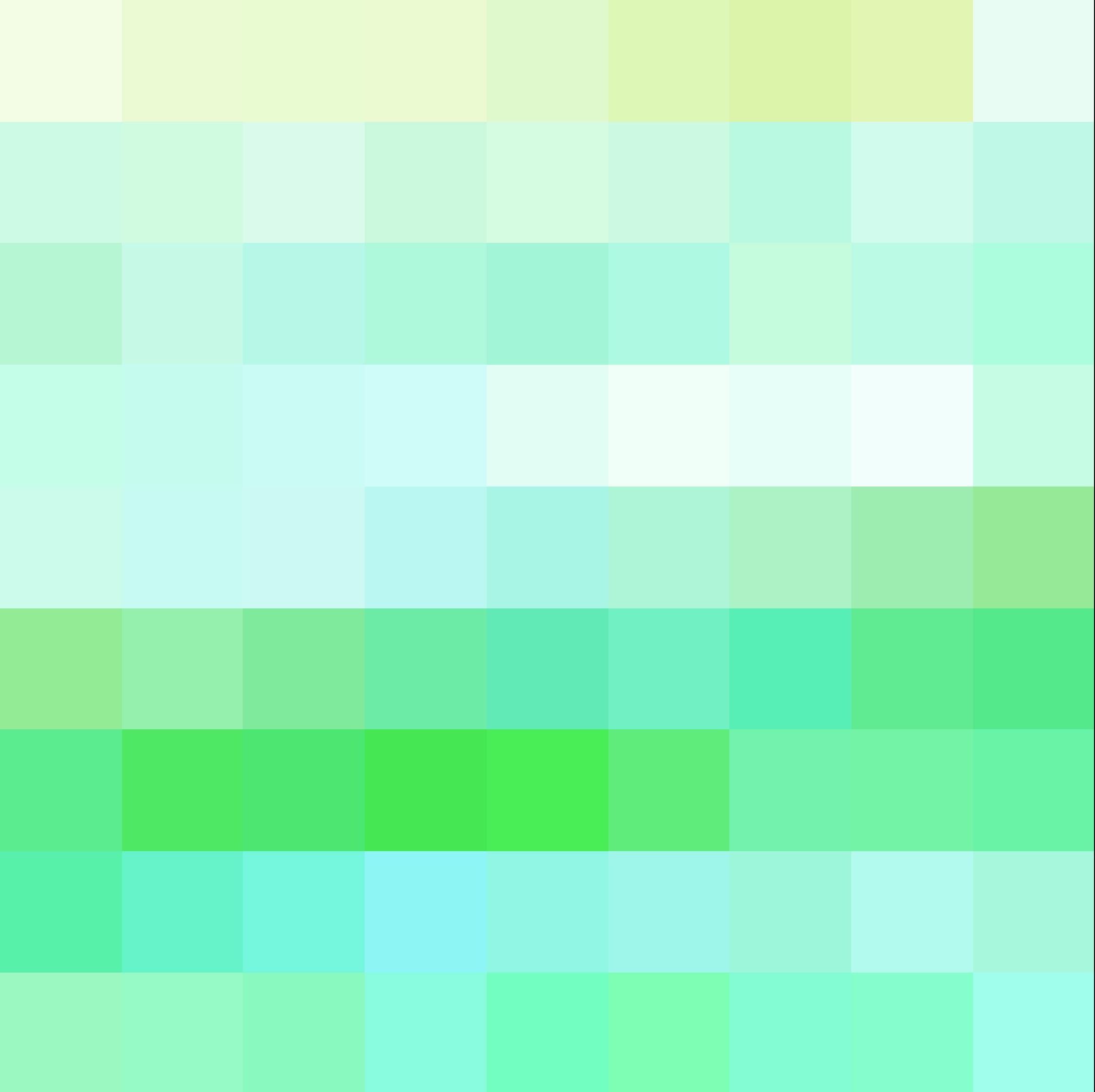
A two tone grid of 36 blocks. It's mostly green, but it also has some cyan in it.

Here's a 13 by 13 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some red, some orange, some rose, a bit of magenta, a little bit of yellow, and a little bit of purple in it.
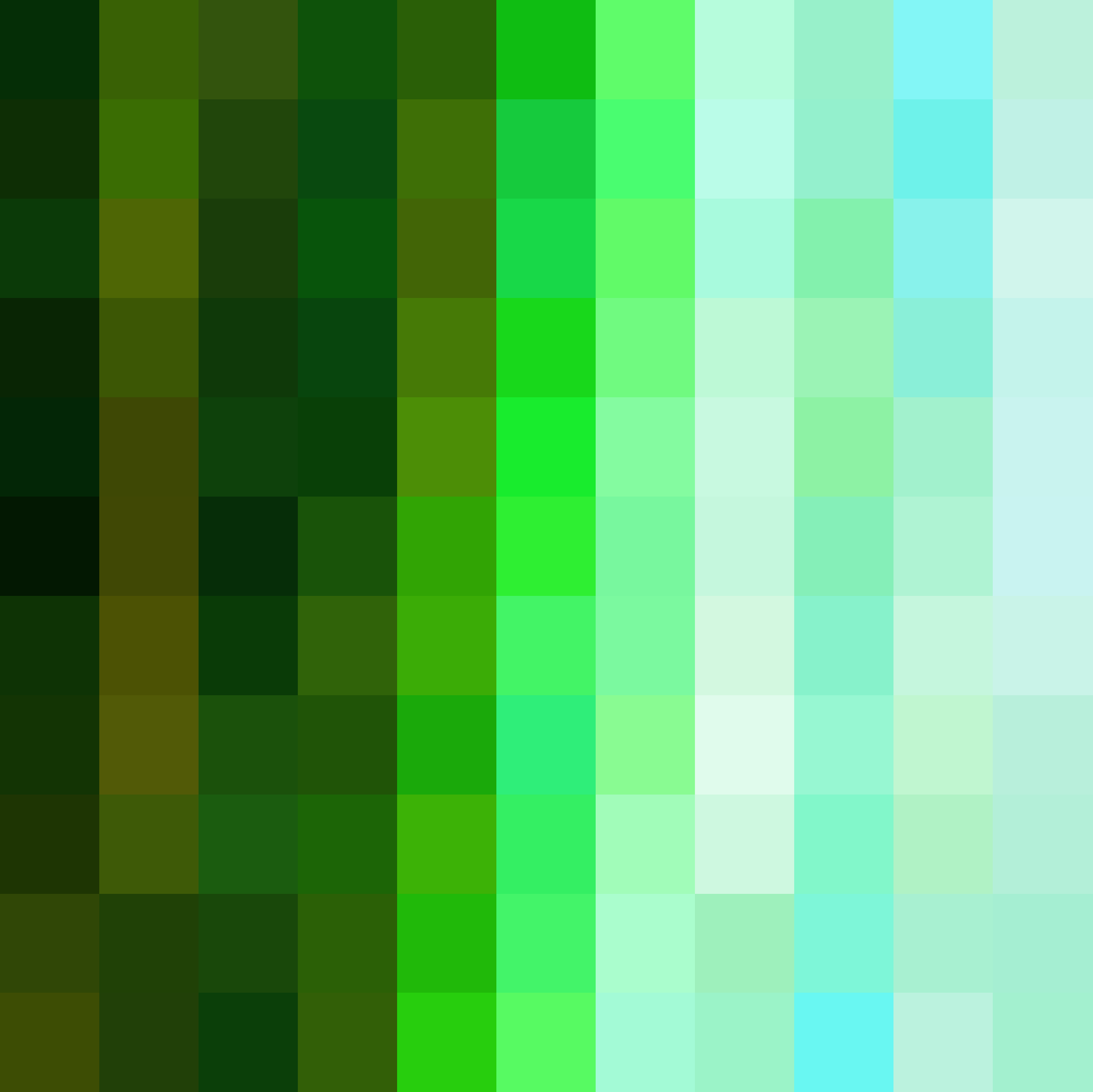
A 7 by 7 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some magenta, some red, some yellow, a bit of orange, a bit of rose, and a tiny bit of purple in it.
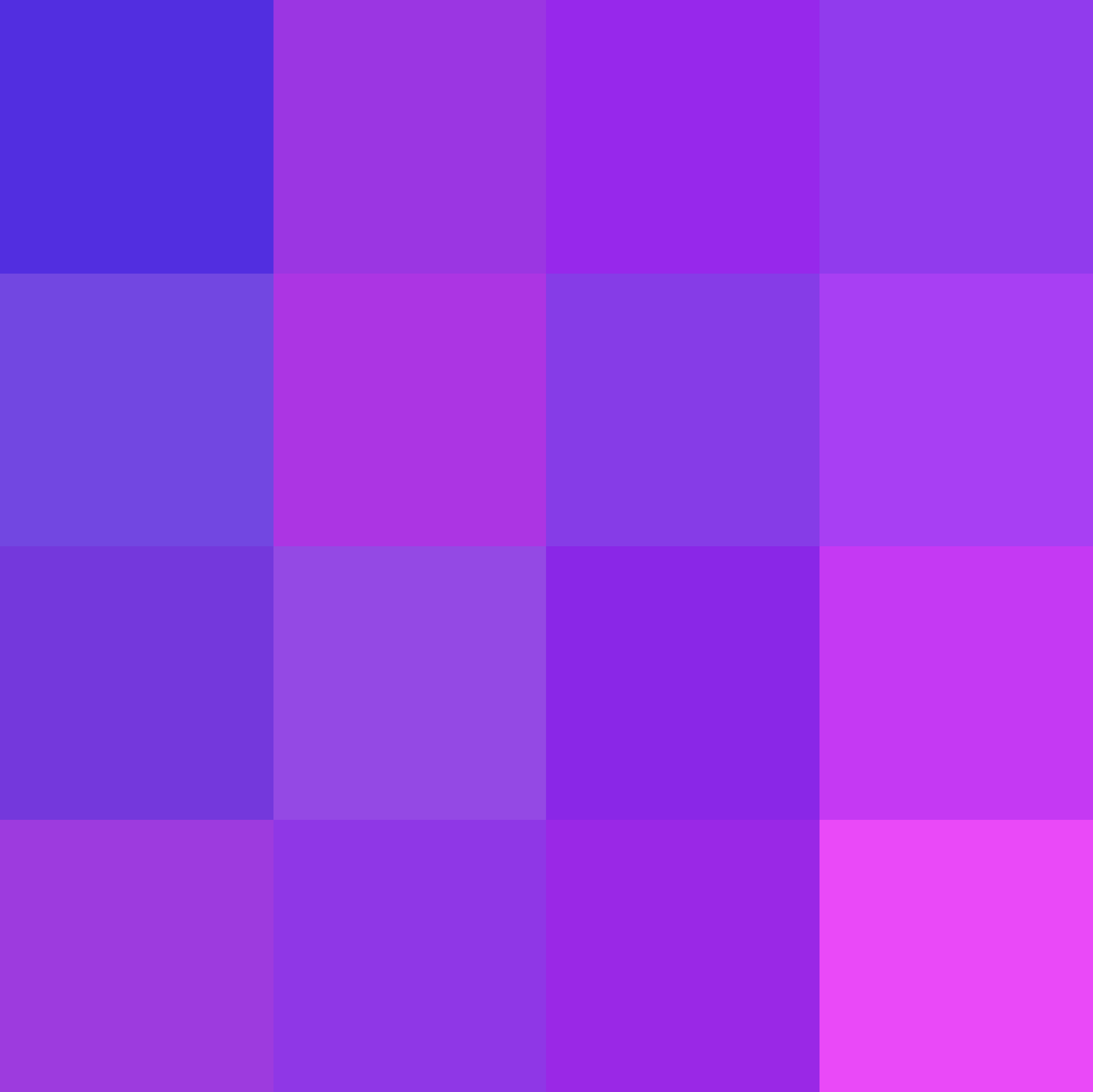
There's a pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some cyan, and a tiny bit of lime in it.

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

A grid of 121 blocks. It's mostly green, and it also has a bit of cyan, a little bit of yellow, and a tiny bit of lime in it.

This gradient, generated in this 4 by 4 pixel grid, is mostly purple, but it also has quite some violet, some indigo, and a little bit of magenta in it.

This colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, but it also has quite some yellow, some orange, some red, and a tiny bit of lime in it.
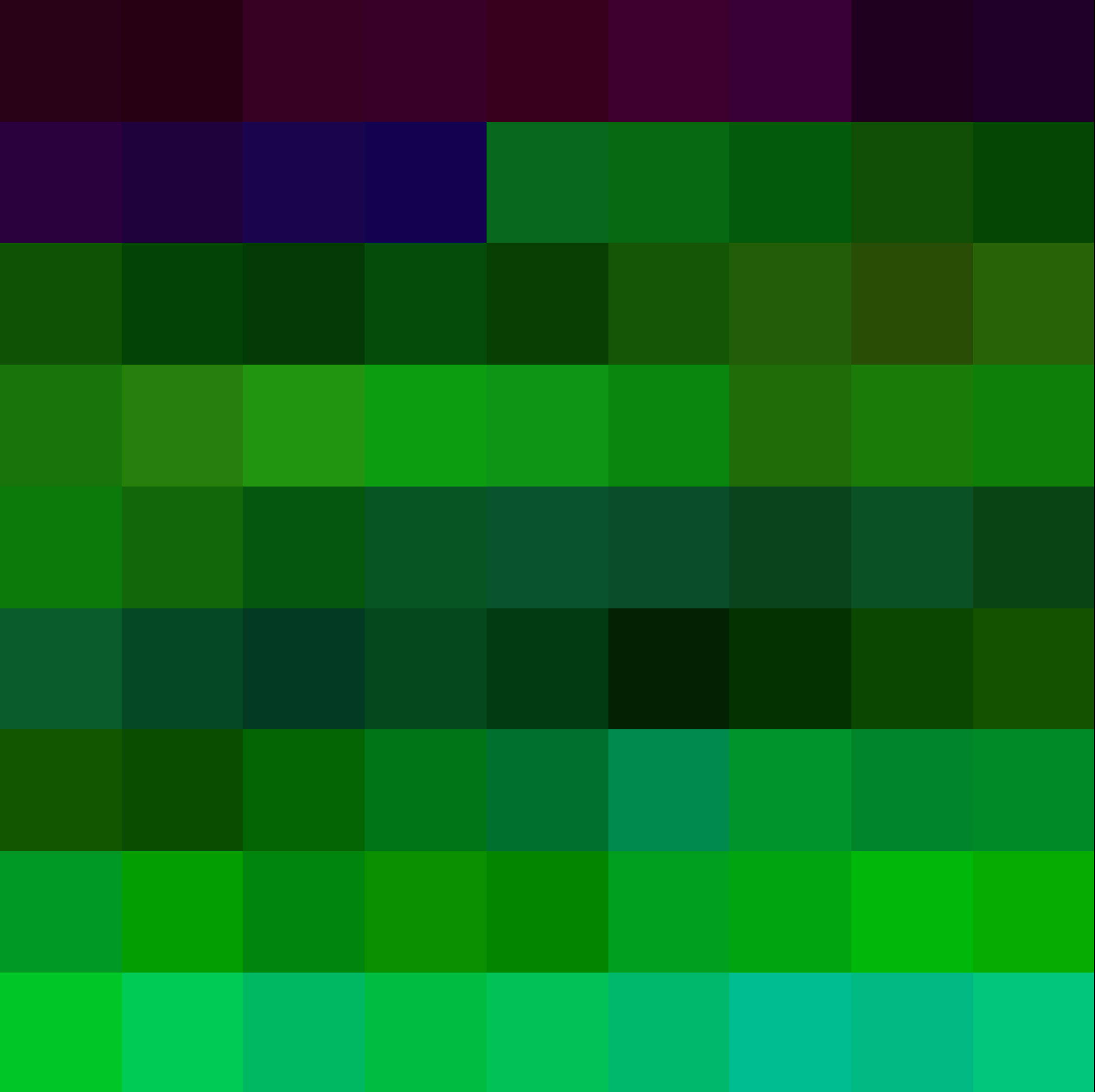
A grid with 256 coloured squares that form a
very, very colourful gradient. The colours are
various shades of mostly blue, but it also has
quite some red, some green, a bit of cyan, a bit
of magenta, a little bit of purple, a little bit of
indigo, a tiny bit of violet, a tiny bit of orange,
and a tiny bit of rose in it.
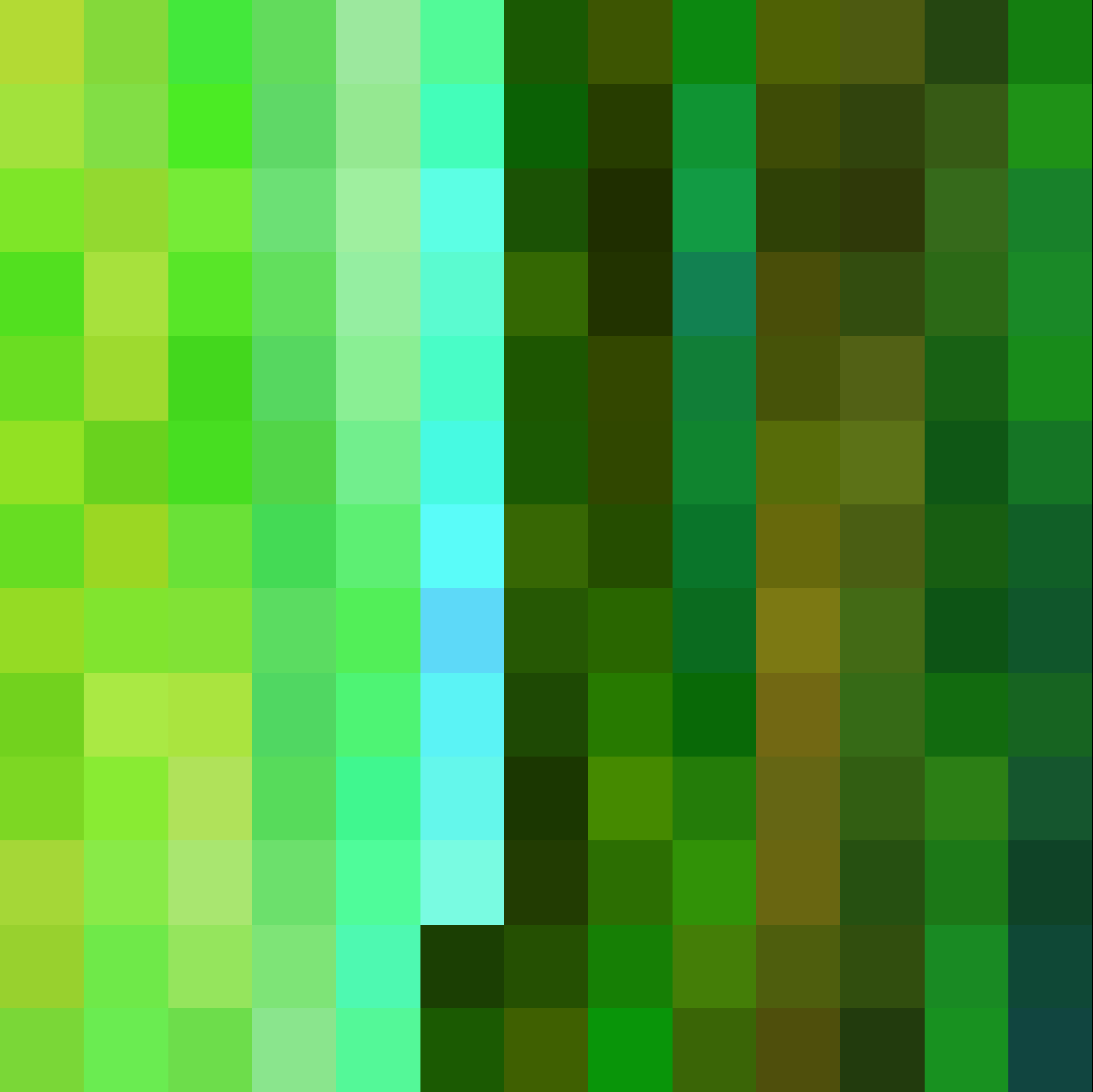
The gradient in this 13 by 13 pixel grid is mostly green, and it also has a bit of lime, a little bit of cyan, and a little bit of yellow in it.
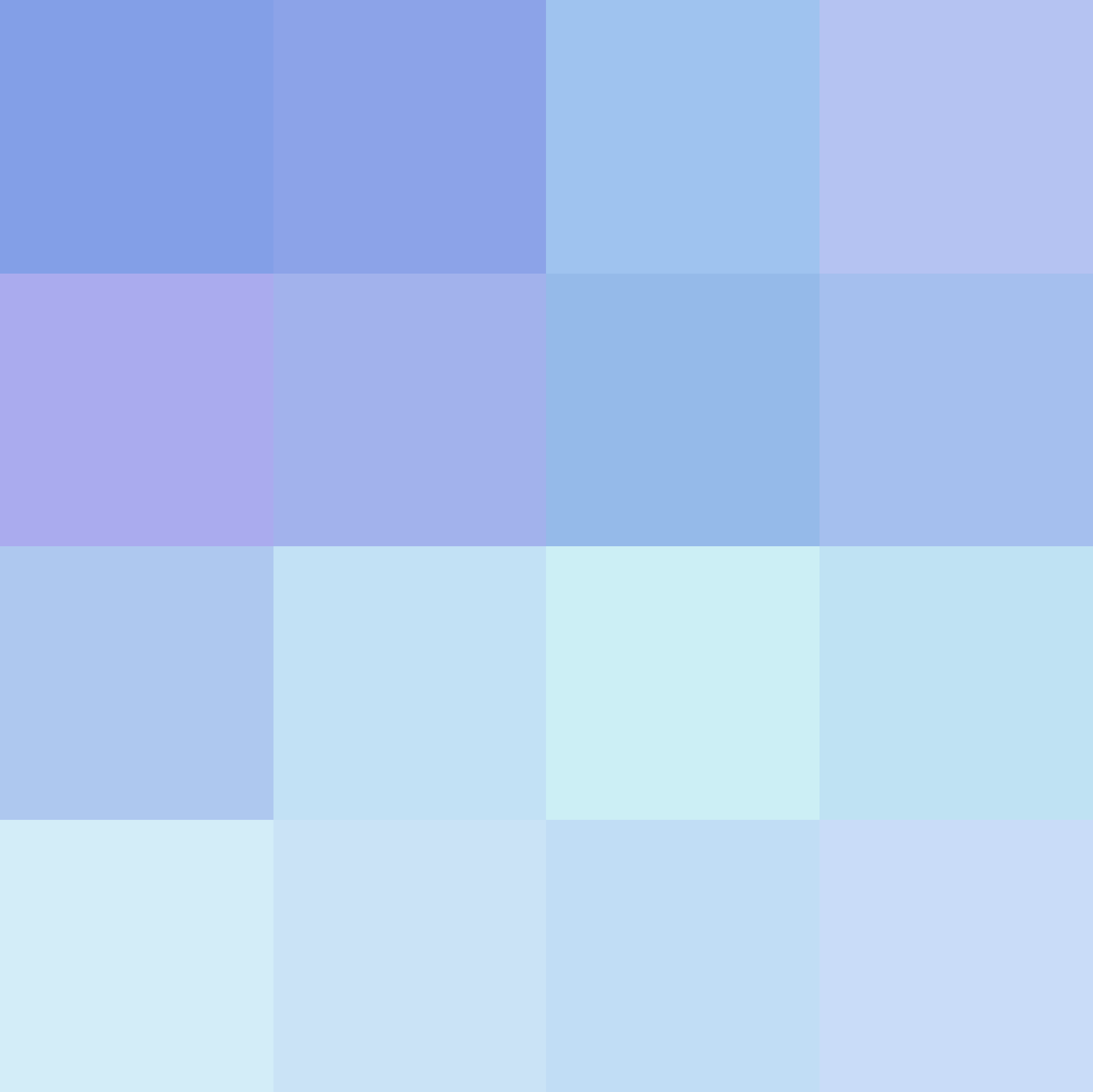
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has a little bit of cyan in it.

A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has a bit of magenta, a tiny bit of rose, a tiny bit of purple, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of cyan in it.
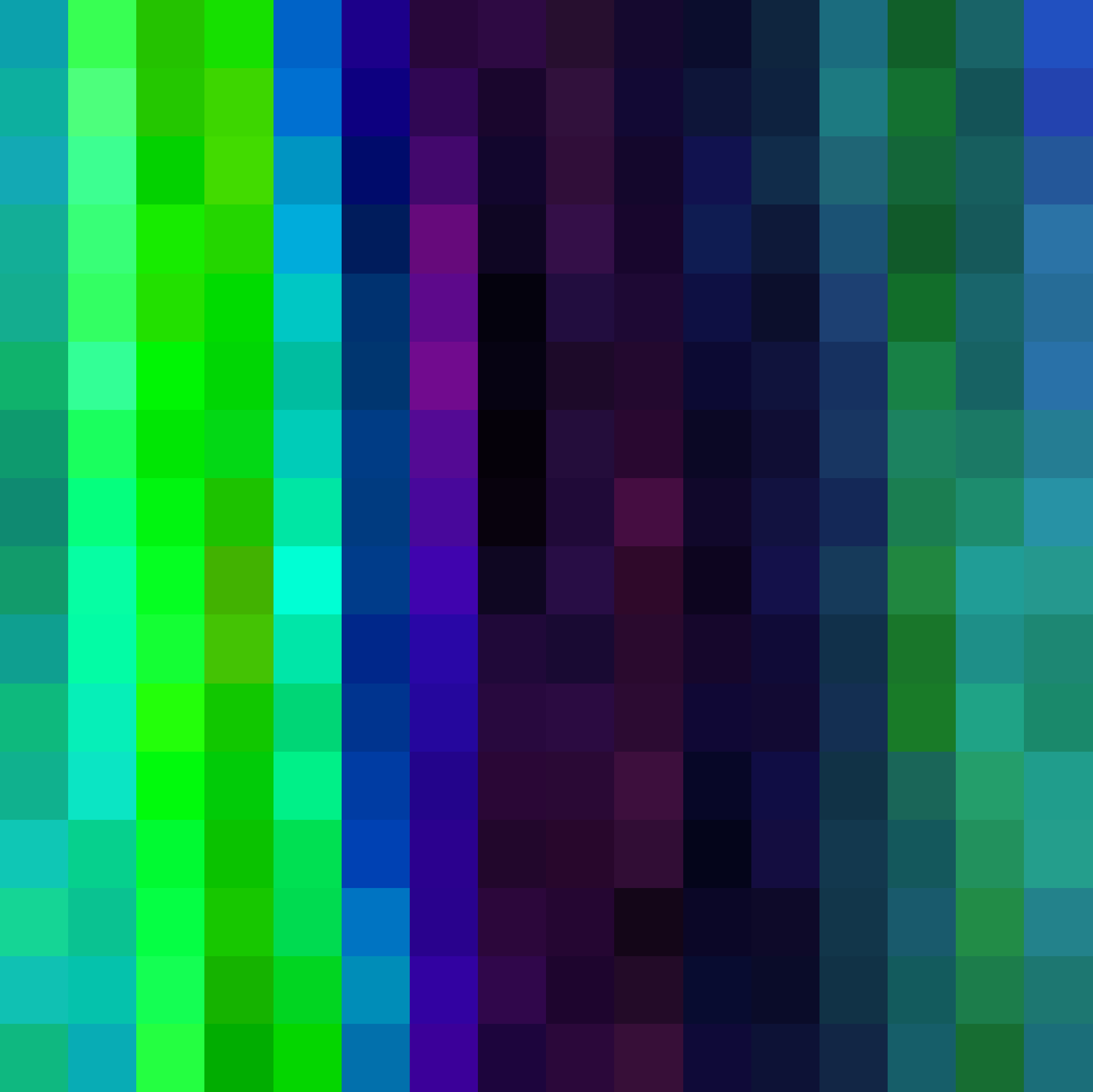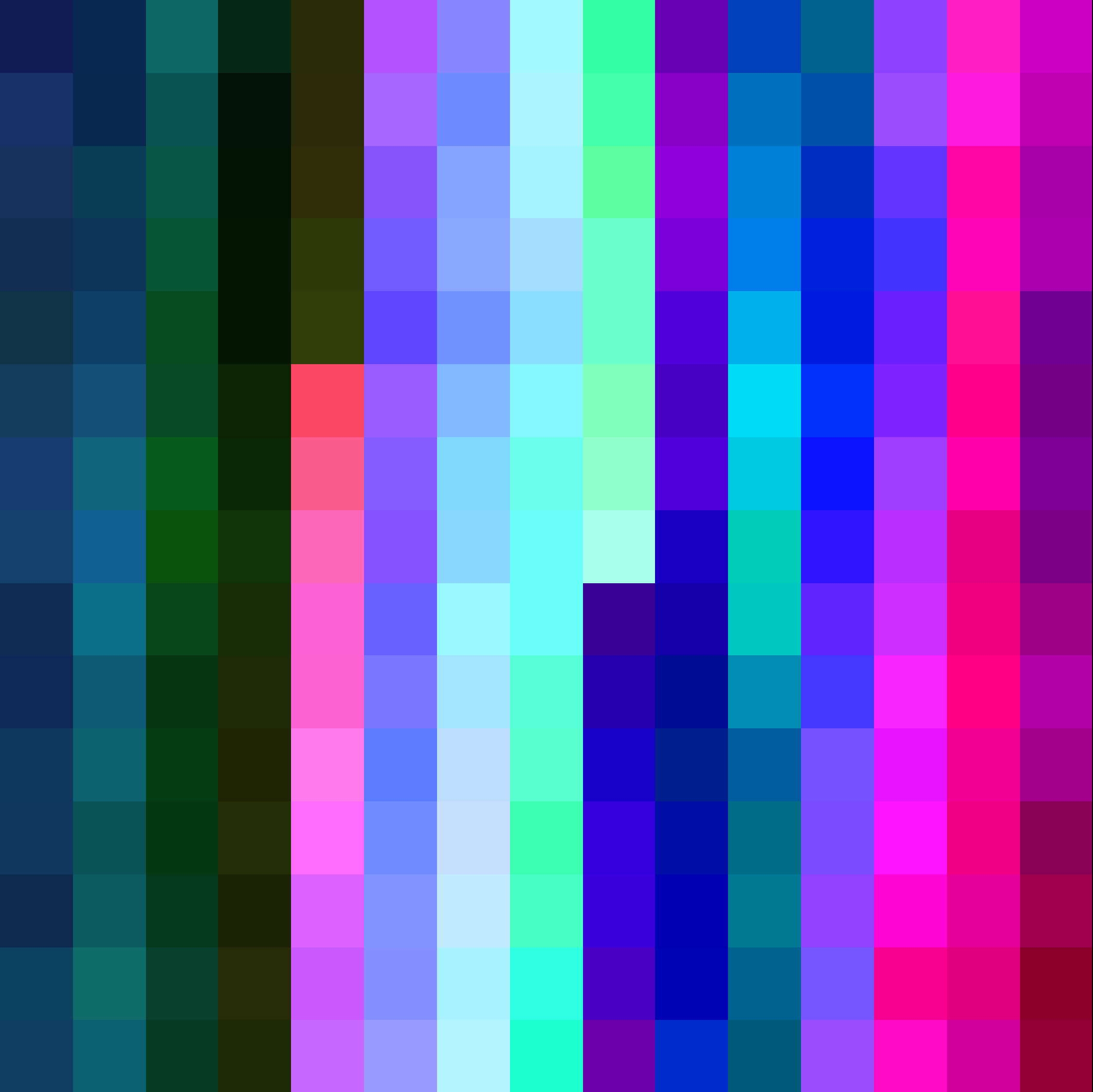
A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some blue, quite some cyan, some indigo, some purple, a little bit of violet, and a little bit of magenta in it.

The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly orange, and it also has quite some red in it.

A very colourful grid of 196 blocks. It's mostly red, and it also has quite some orange, some rose, some magenta, a tiny bit of purple, and a tiny bit of yellow in it.
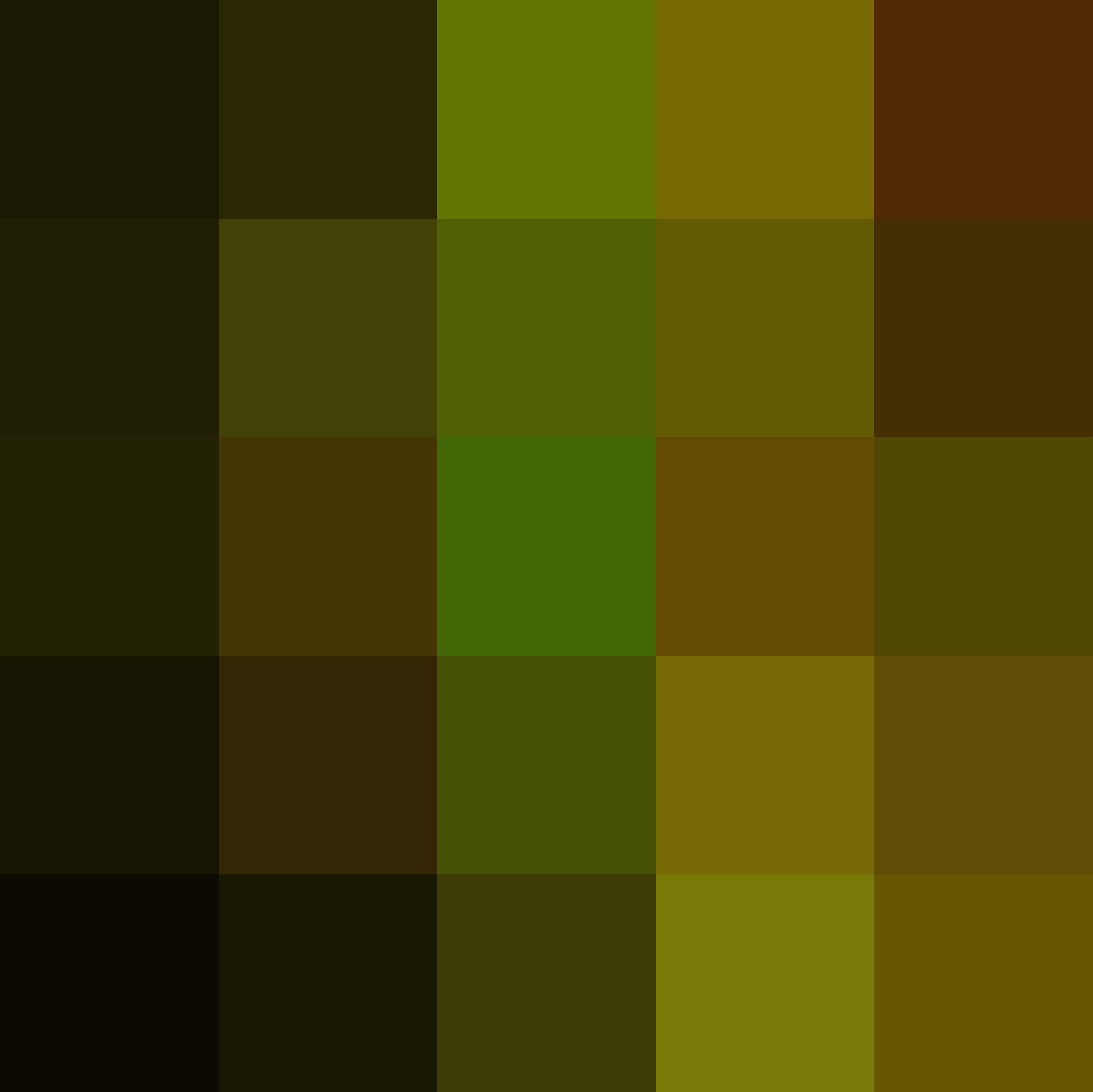
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some green, some cyan, some magenta, a bit of indigo, a little bit of purple, a little bit of violet, a little bit of rose, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of red in it.
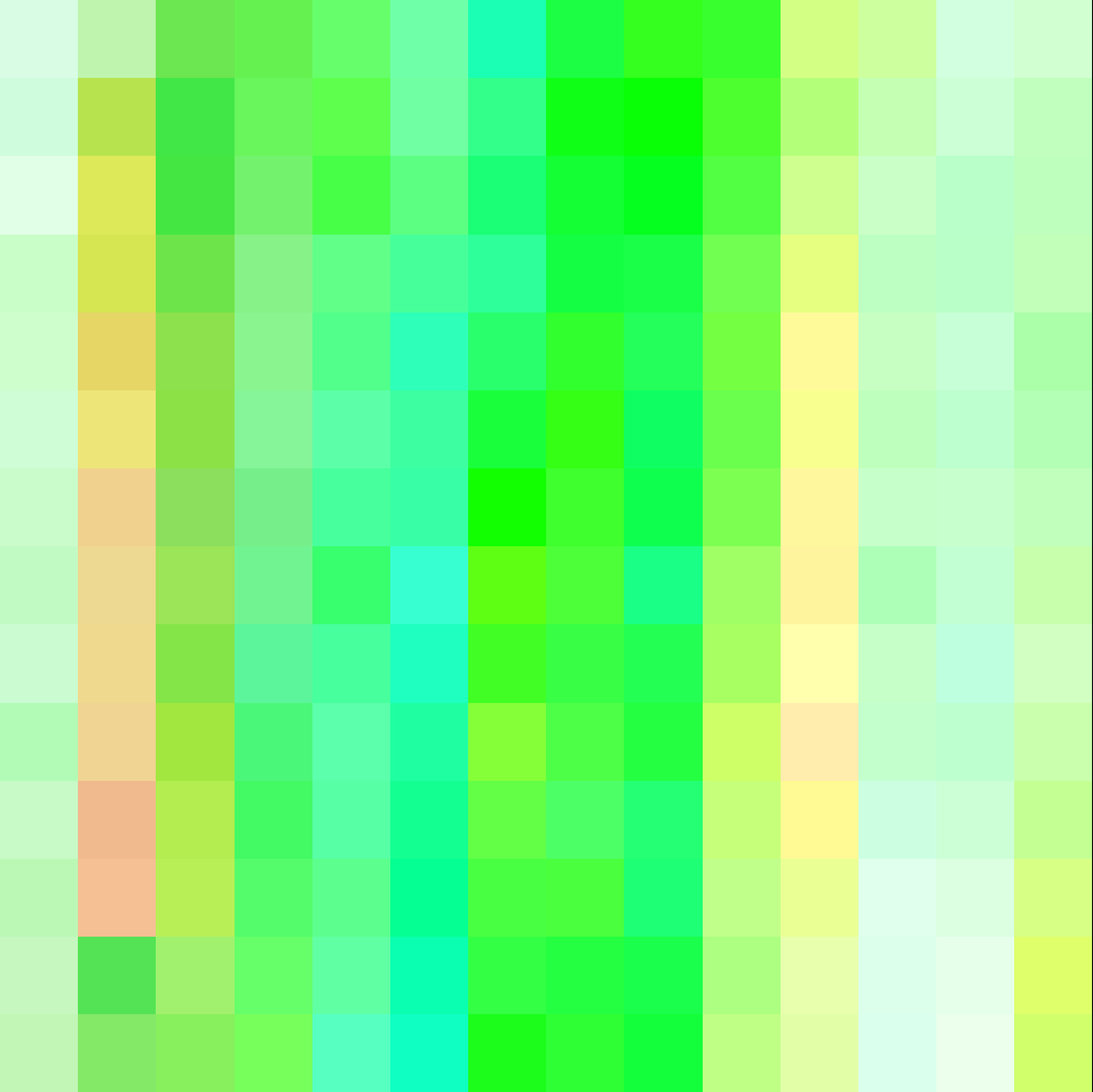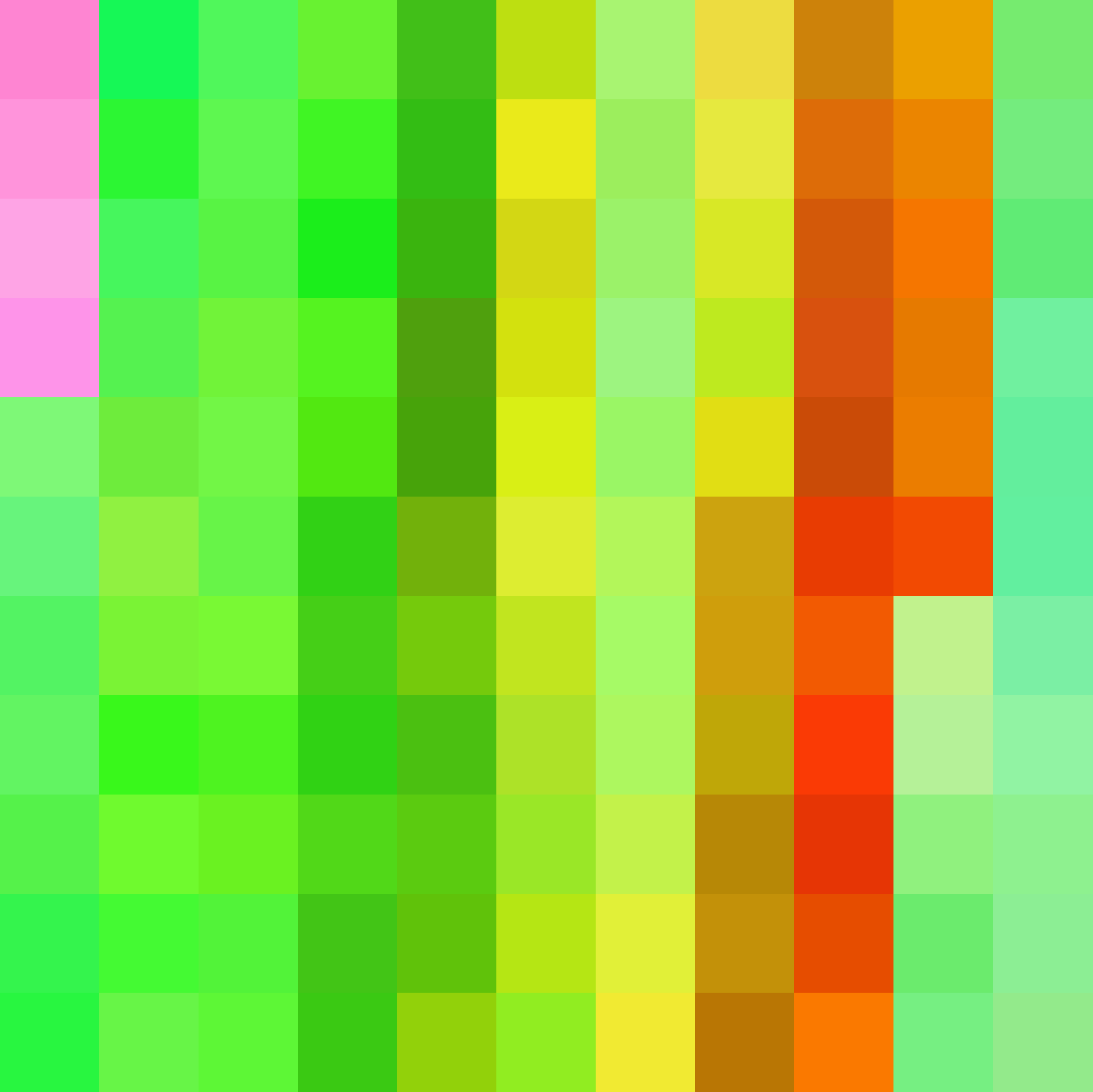
A grid with 196 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has a bit of yellow, a little bit of lime, a tiny bit of orange, and a tiny bit of cyan in it.
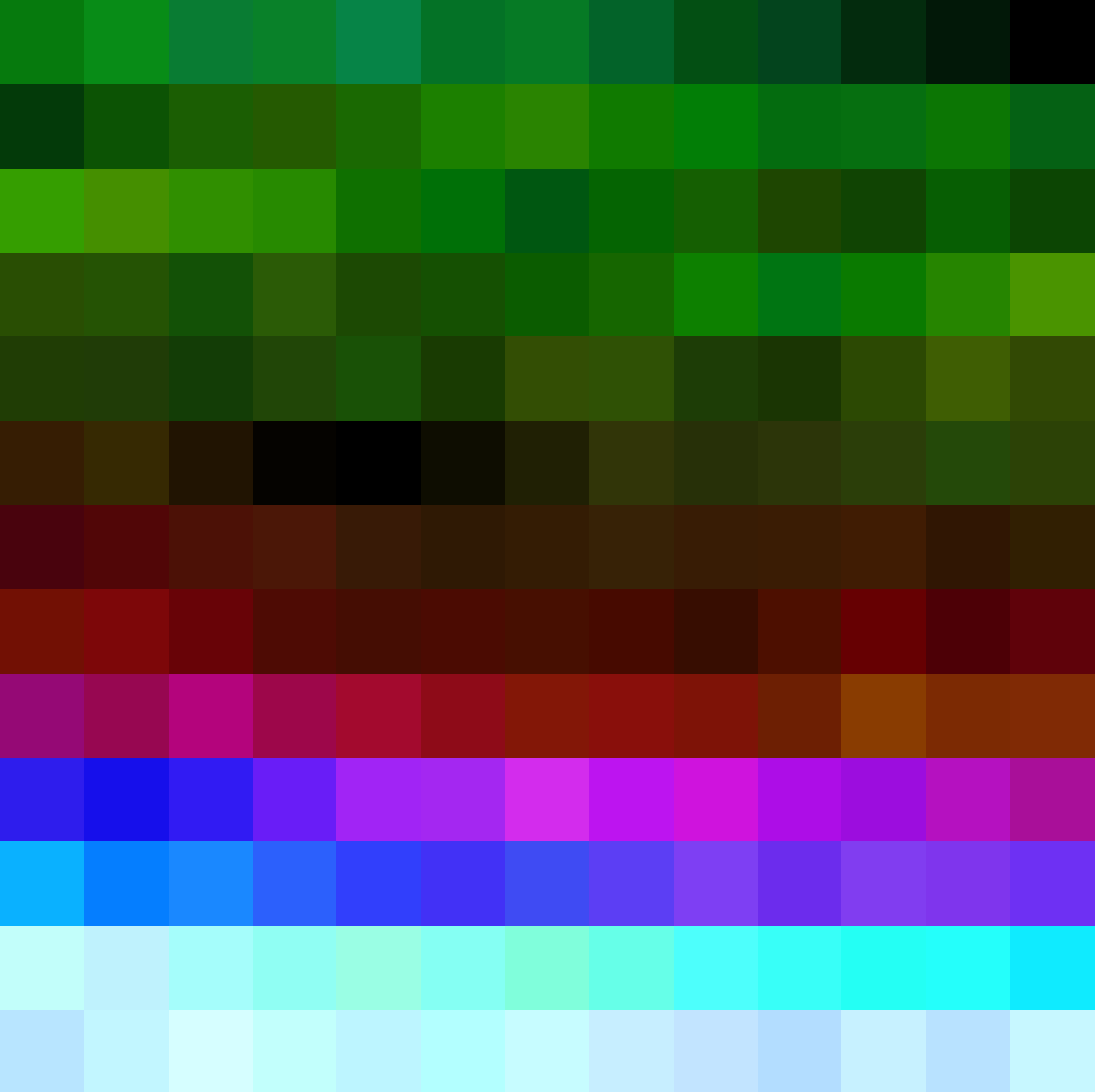
This colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly red, and it also has quite some green, a bit of orange, a tiny bit of yellow, and a tiny bit of lime in it.
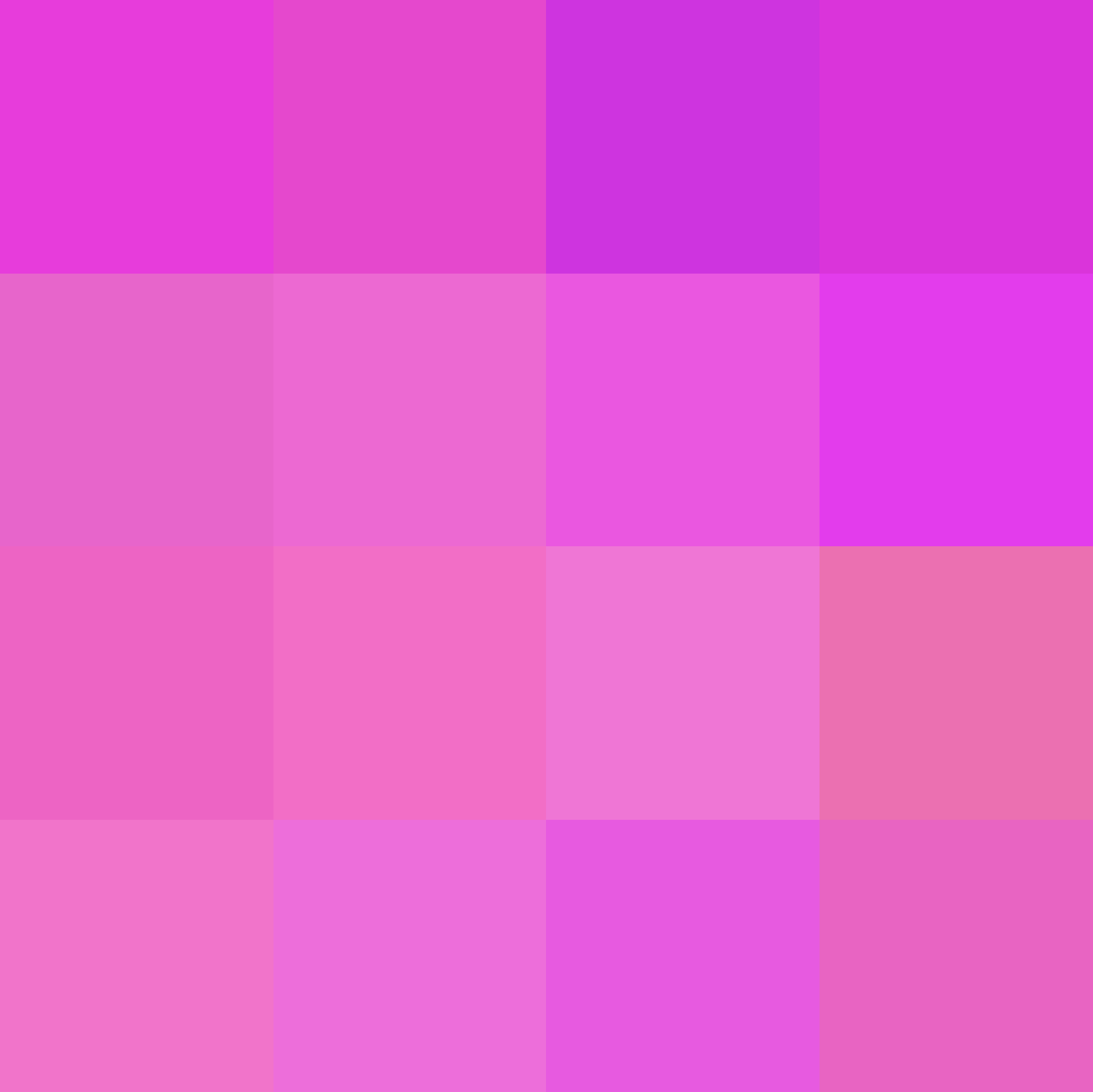
There's a pixel gradient in this 5 by 5 grid. It is mostly yellow, but it also has quite some orange, a little bit of green, and a little bit of lime in it.

A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has some orange, some yellow, a little bit of lime, a little bit of magenta, and a tiny bit of red in it.
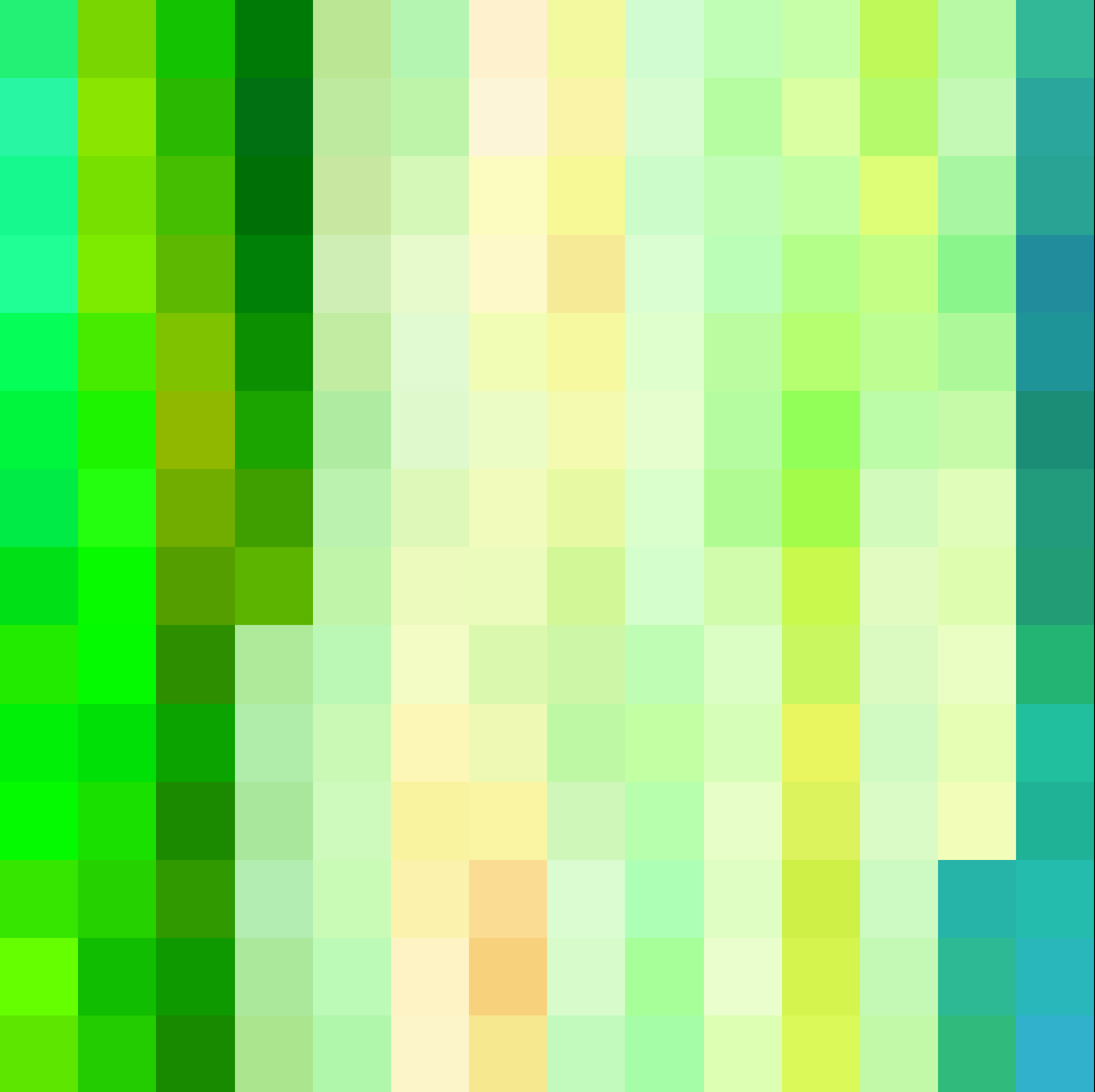
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has quite some green, and a little bit of blue in it.

A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly magenta, but it also has a little bit of rose in it.
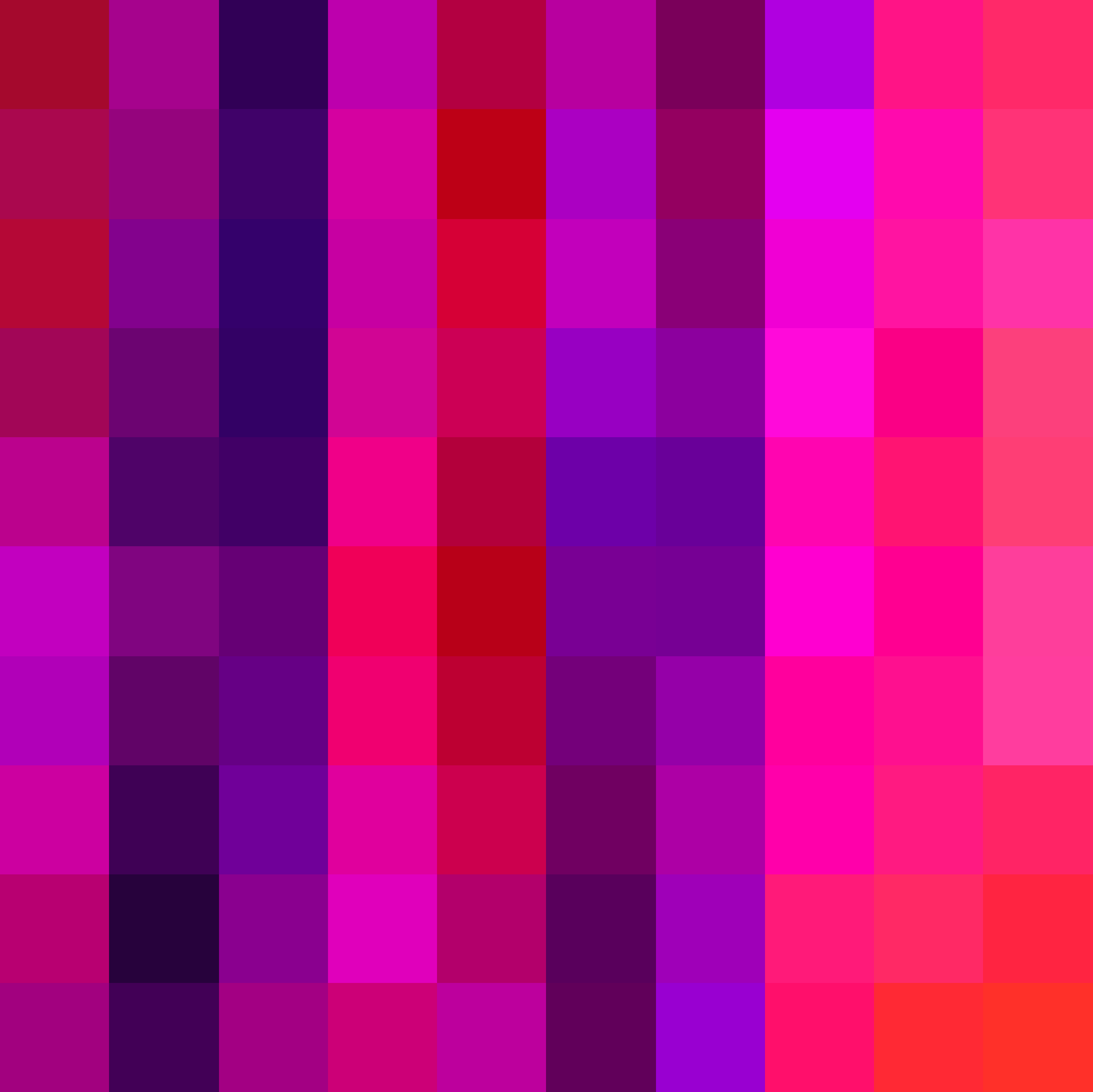
There's a pixel gradient in this 8 by 8 grid. It is mostly red, and it also has quite some orange, and some yellow in it.

A grid with 196 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of cyan, a little bit of lime, and a tiny bit of orange in it.
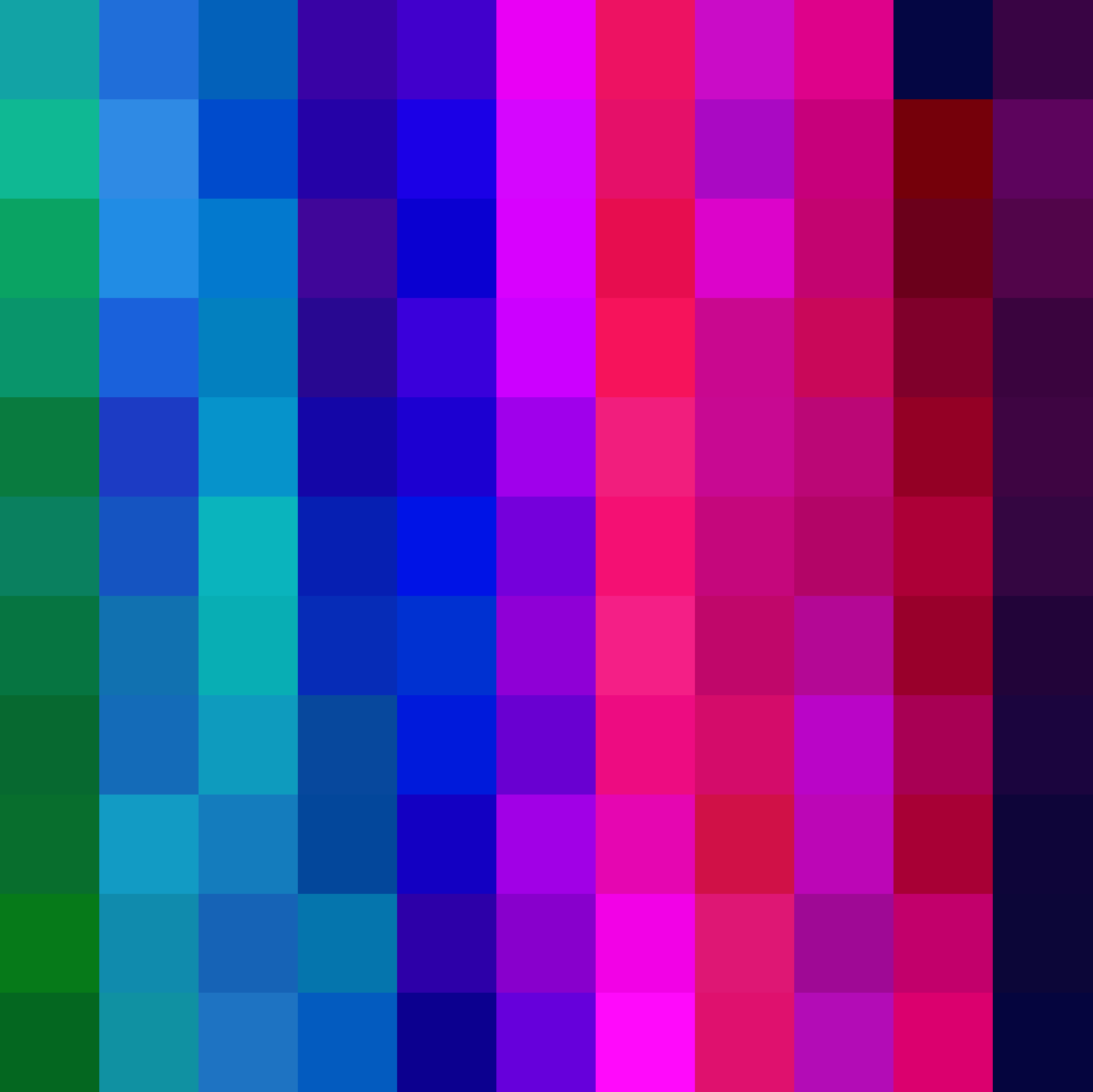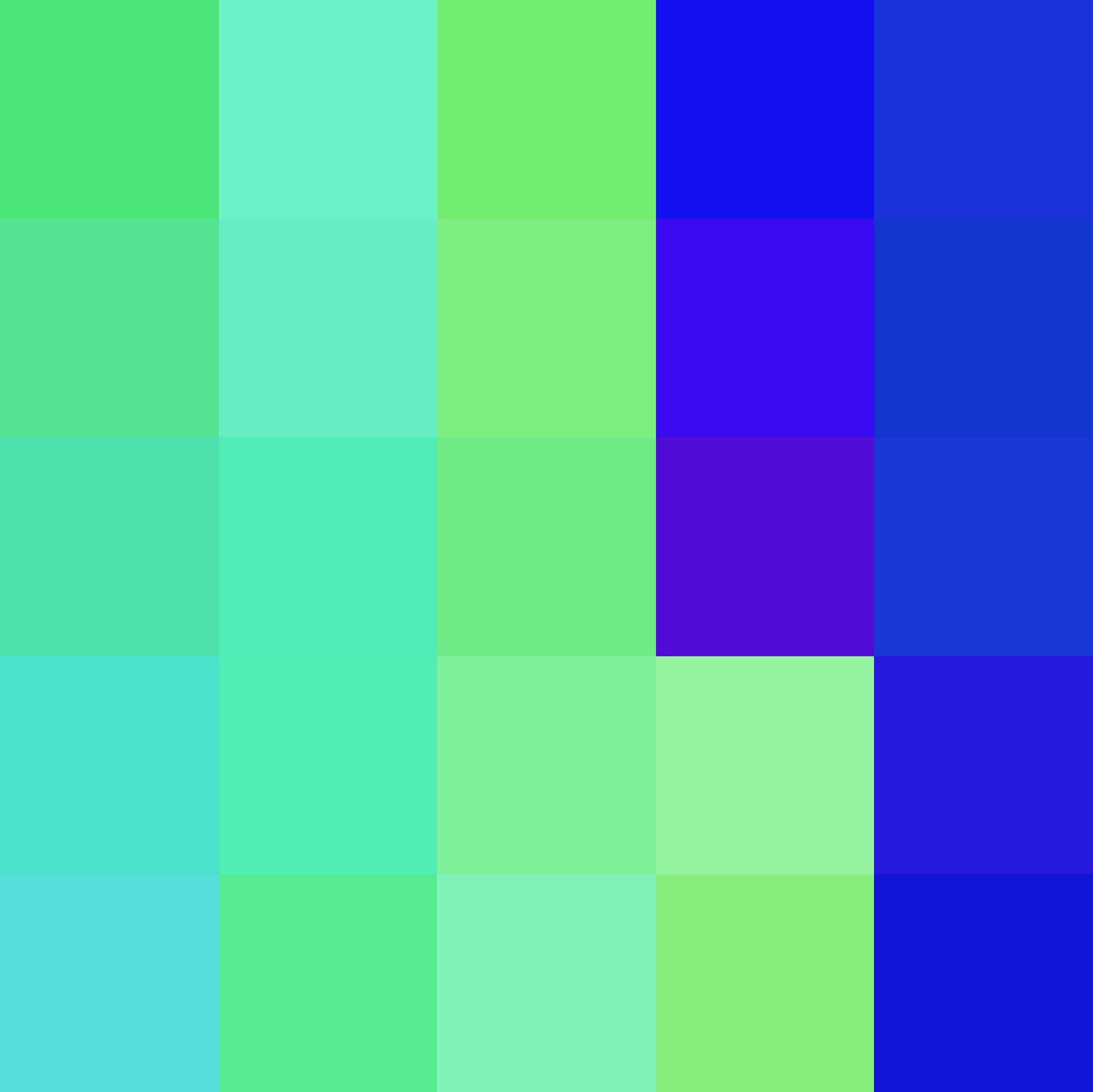
The very, very colourful gradient in this 11 by 11 pixel grid is mostly blue, and it also has quite some magenta, some rose, some indigo, a bit of purple, a bit of green, a little bit of cyan, a little bit of violet, and a tiny bit of red in it.

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

There's a pixel gradient in this 5 by 5 grid. It is mostly green, but it also has some indigo, some blue, and a bit of cyan in it.
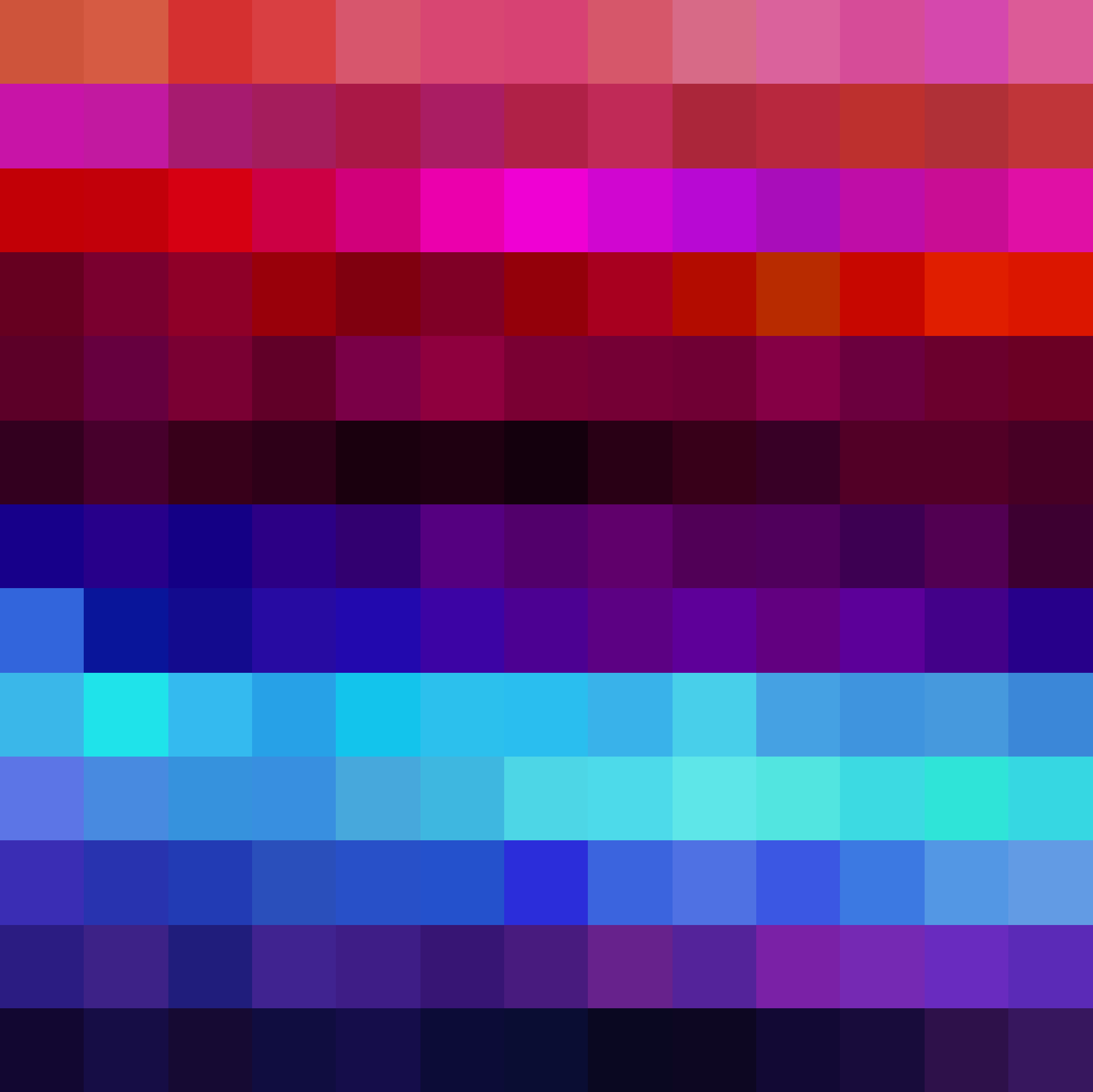
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly rose, and it also has some blue, some magenta, some red, some indigo, a bit of purple, a little bit of violet, and a little bit of cyan in it.
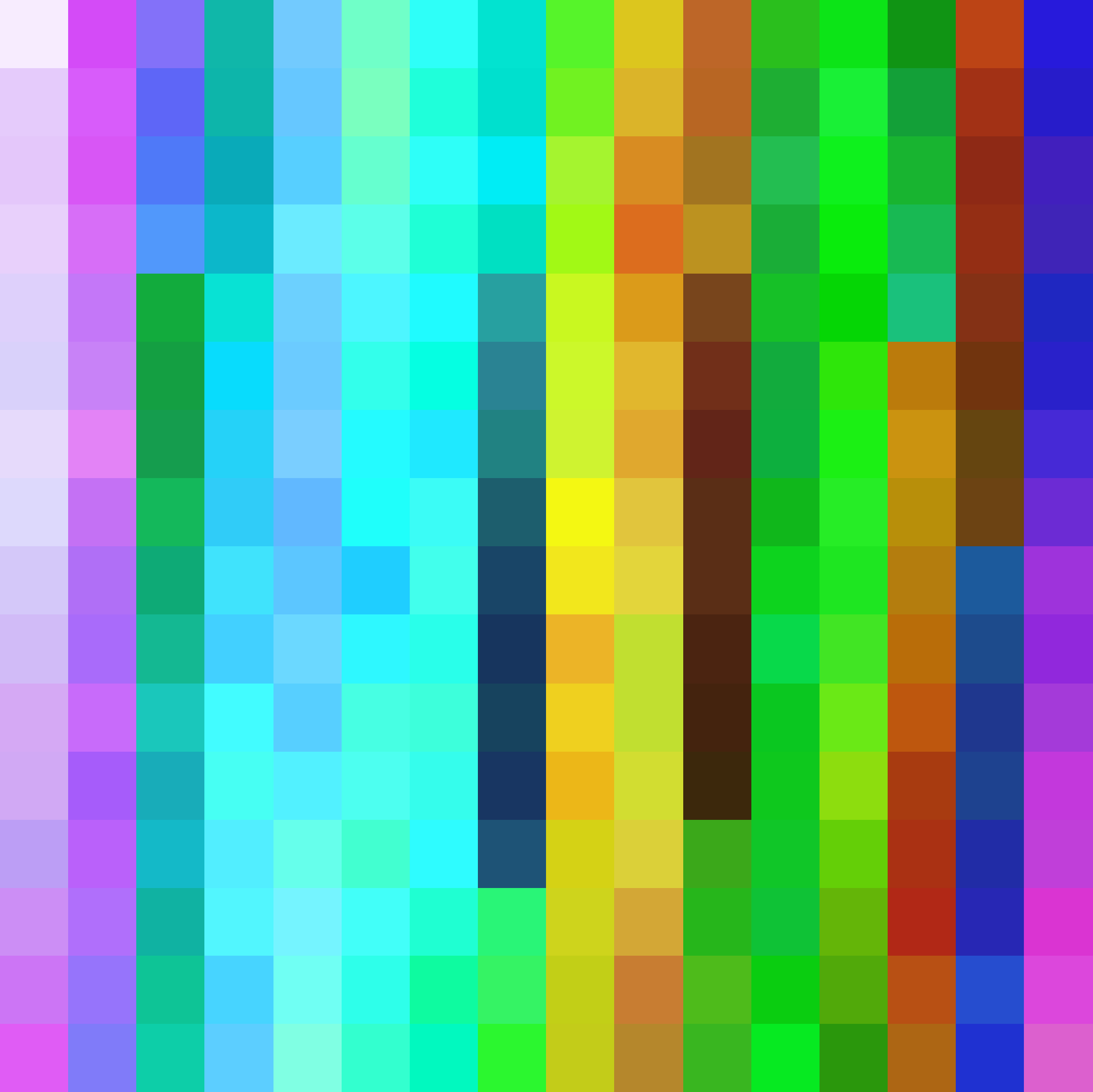
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly cyan, and it also has quite some green, some orange, some blue, a bit of purple, a bit of yellow, a little bit of indigo, a little bit of violet, a little bit of red, a tiny bit of magenta, and a tiny bit of lime in it.
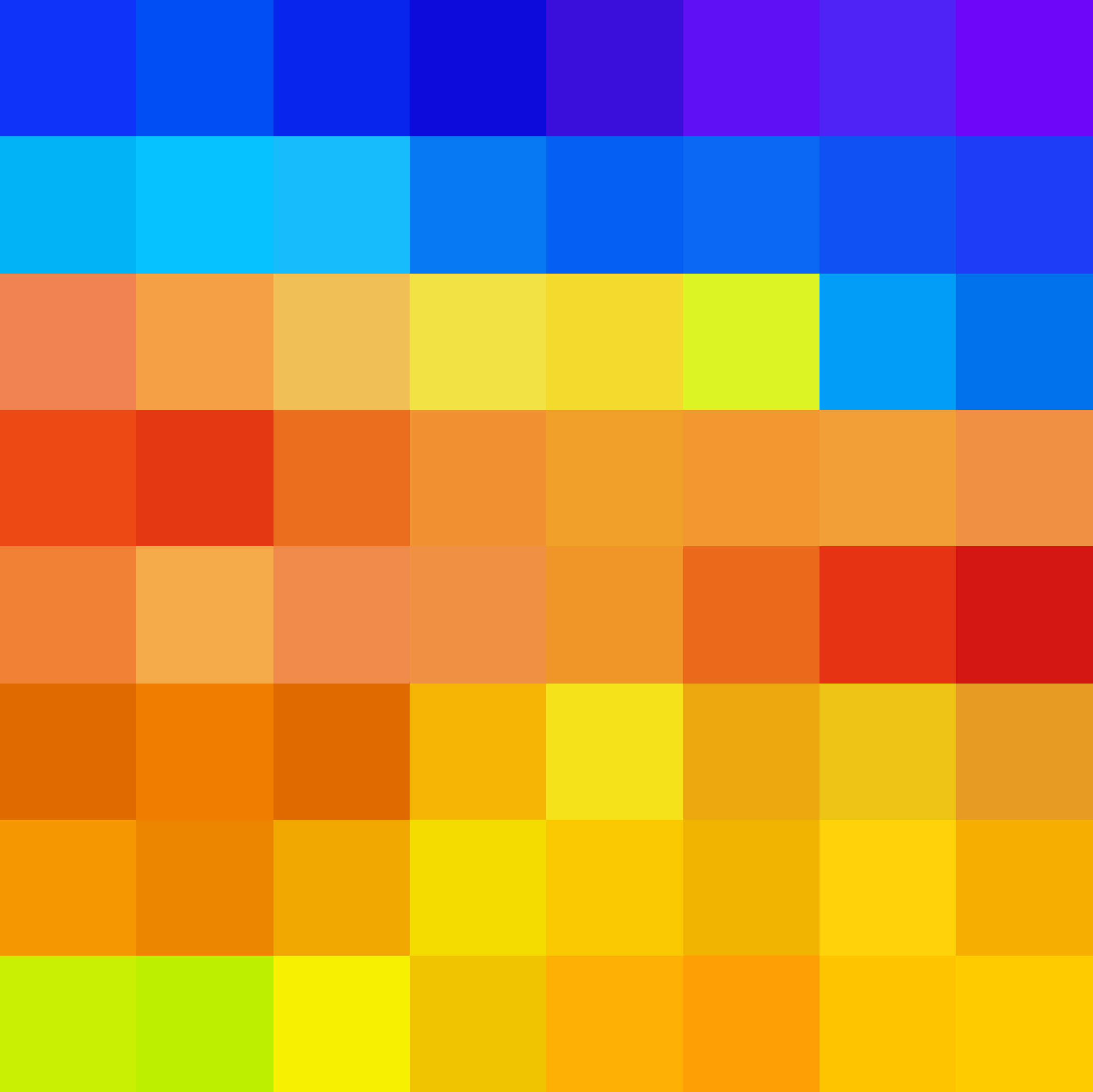
This very colourful gradient, generated in this 8 by 8 pixel grid, is mostly orange, but it also has quite some blue, quite some yellow, a little bit of red, a little bit of violet, a little bit of indigo, and a tiny bit of lime in it.

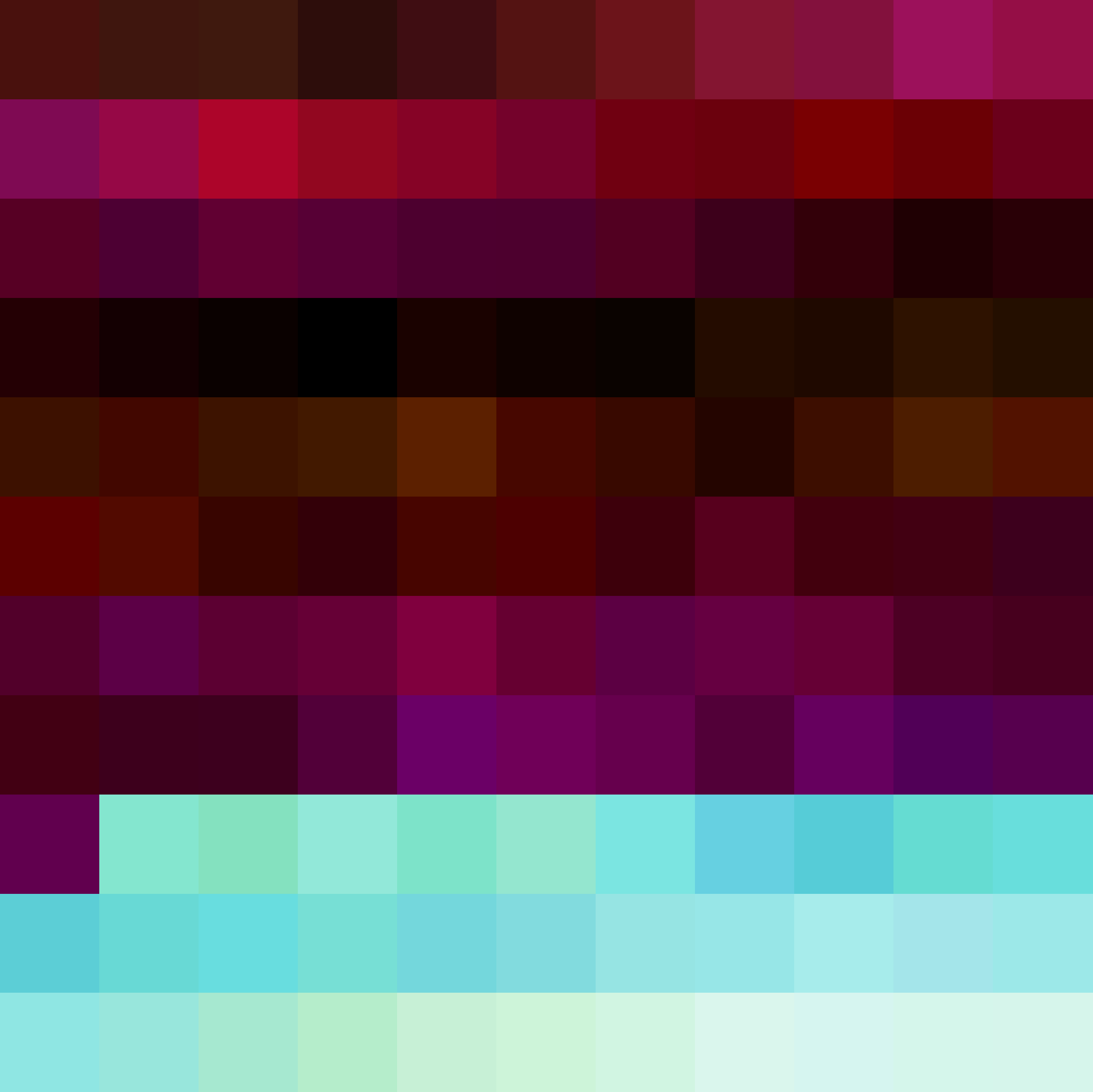Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, but it also has some green, some rose, some yellow, some red, a bit of lime, a bit of purple, and a little bit of orange in it.

Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly blue, and it also has quite some purple, some indigo, a little bit of magenta, and a little bit of violet in it.
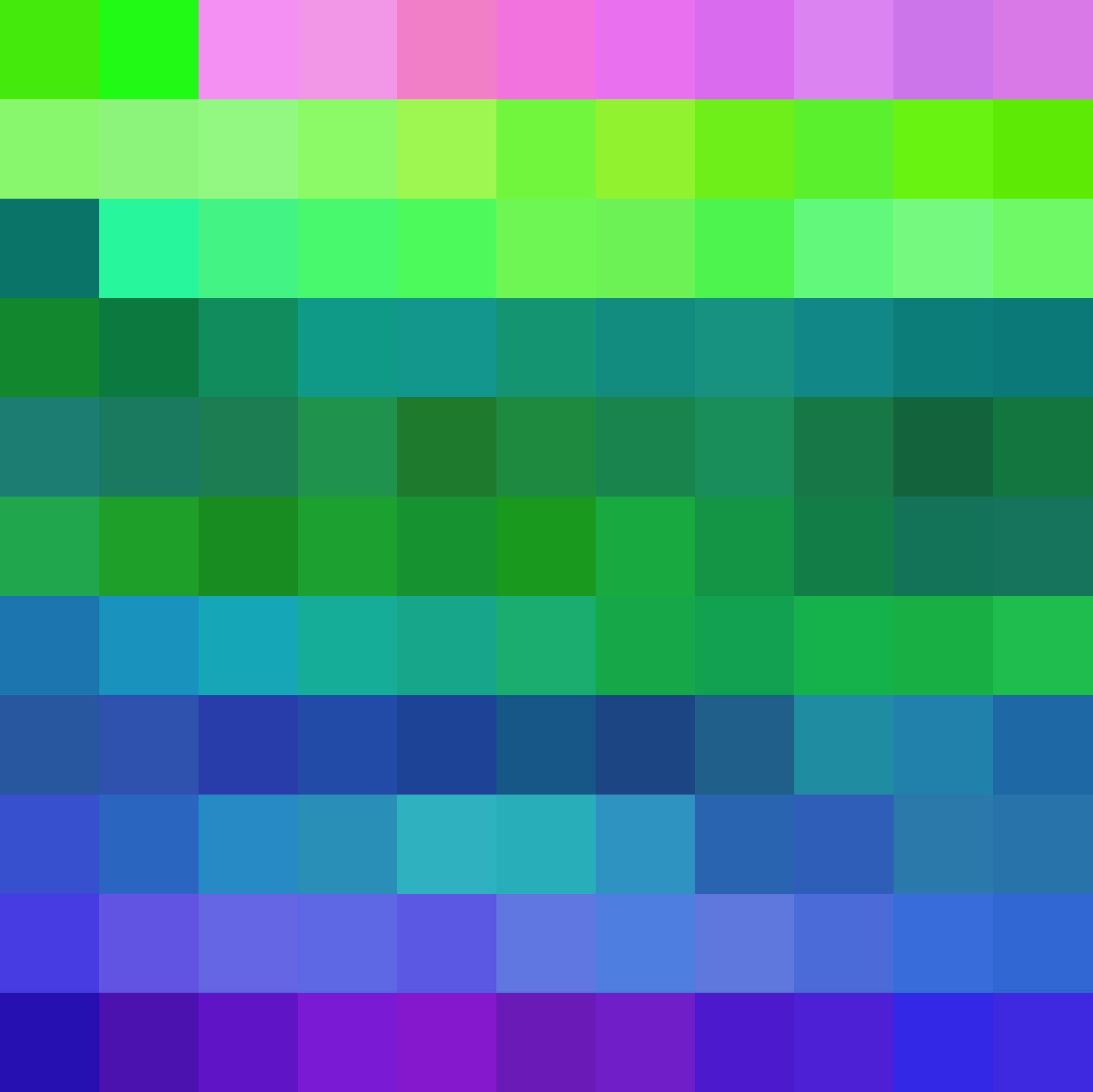
Here's an 11 by 11 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has quite some blue, some cyan, a bit of indigo, a little bit of magenta, a little bit of purple, and a little bit of violet in it.

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

There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly magenta, and it also has some indigo, some purple, some blue, a bit of violet, and a tiny bit of rose in it.
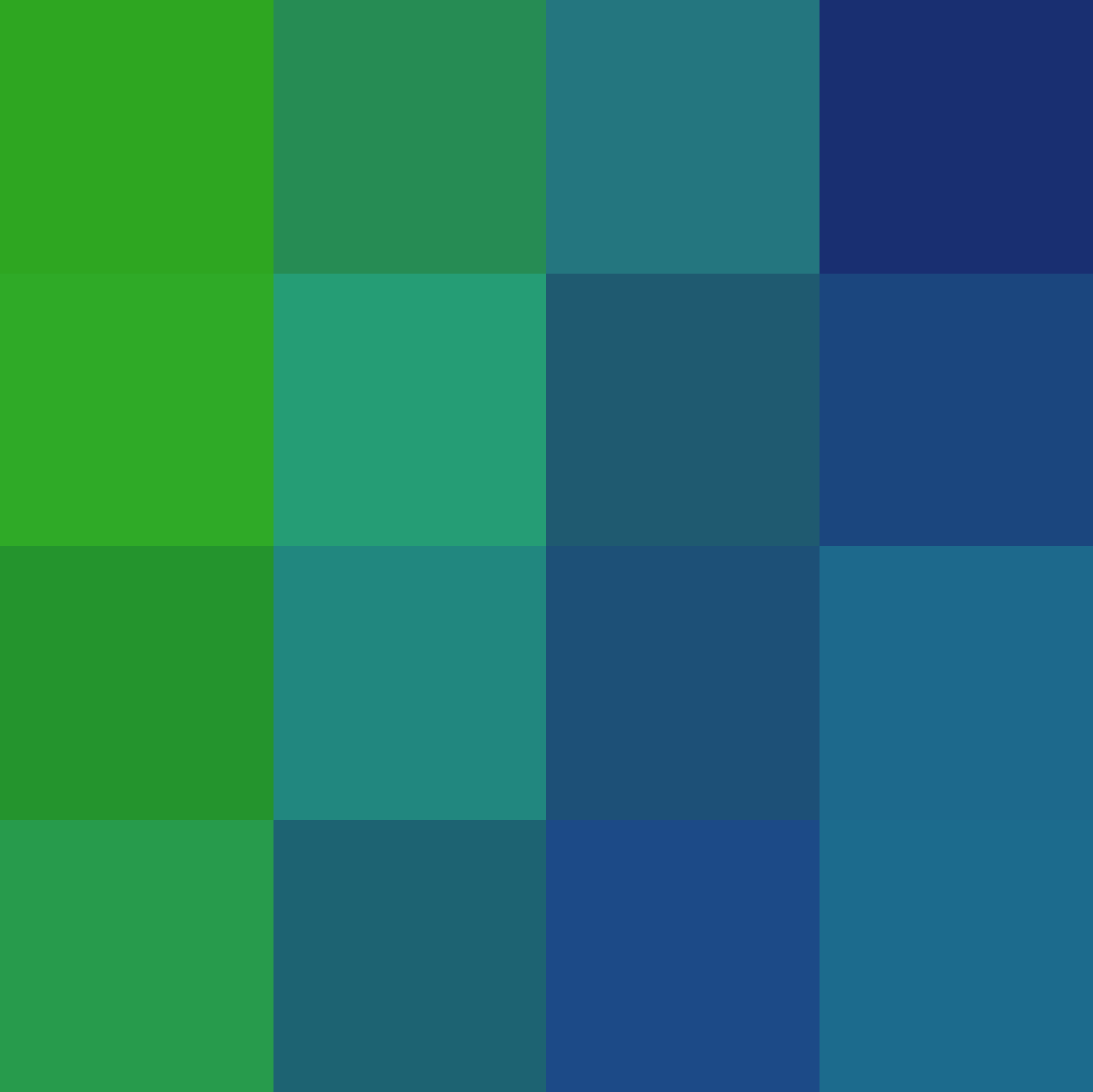
This gradient, generated in this 4 by 4 pixel grid, is mostly blue, and it also has quite some green, and some cyan in it.
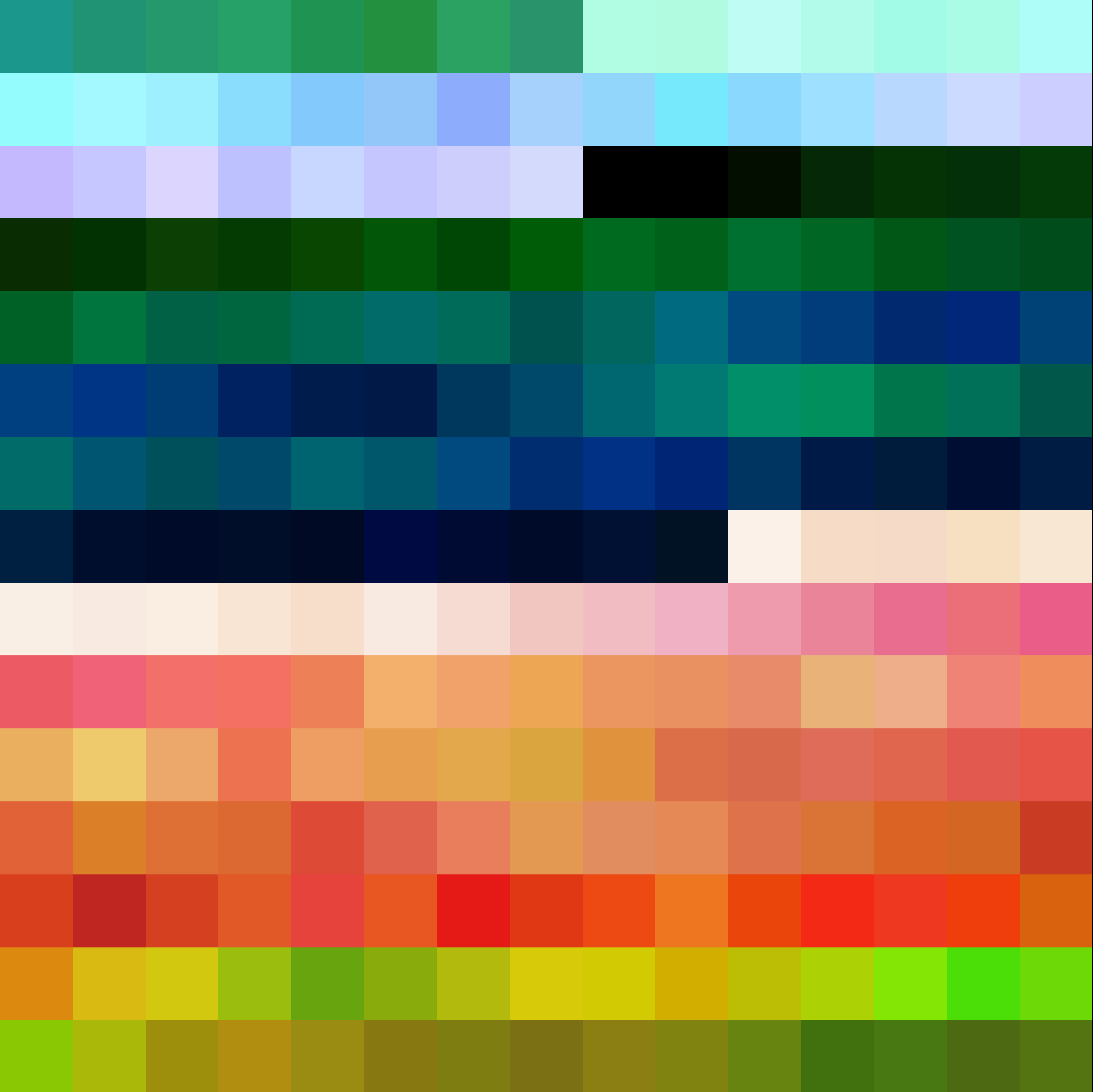
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some orange, some green, some red, some cyan, a bit of yellow, a little bit of lime, and a tiny bit of indigo in it.
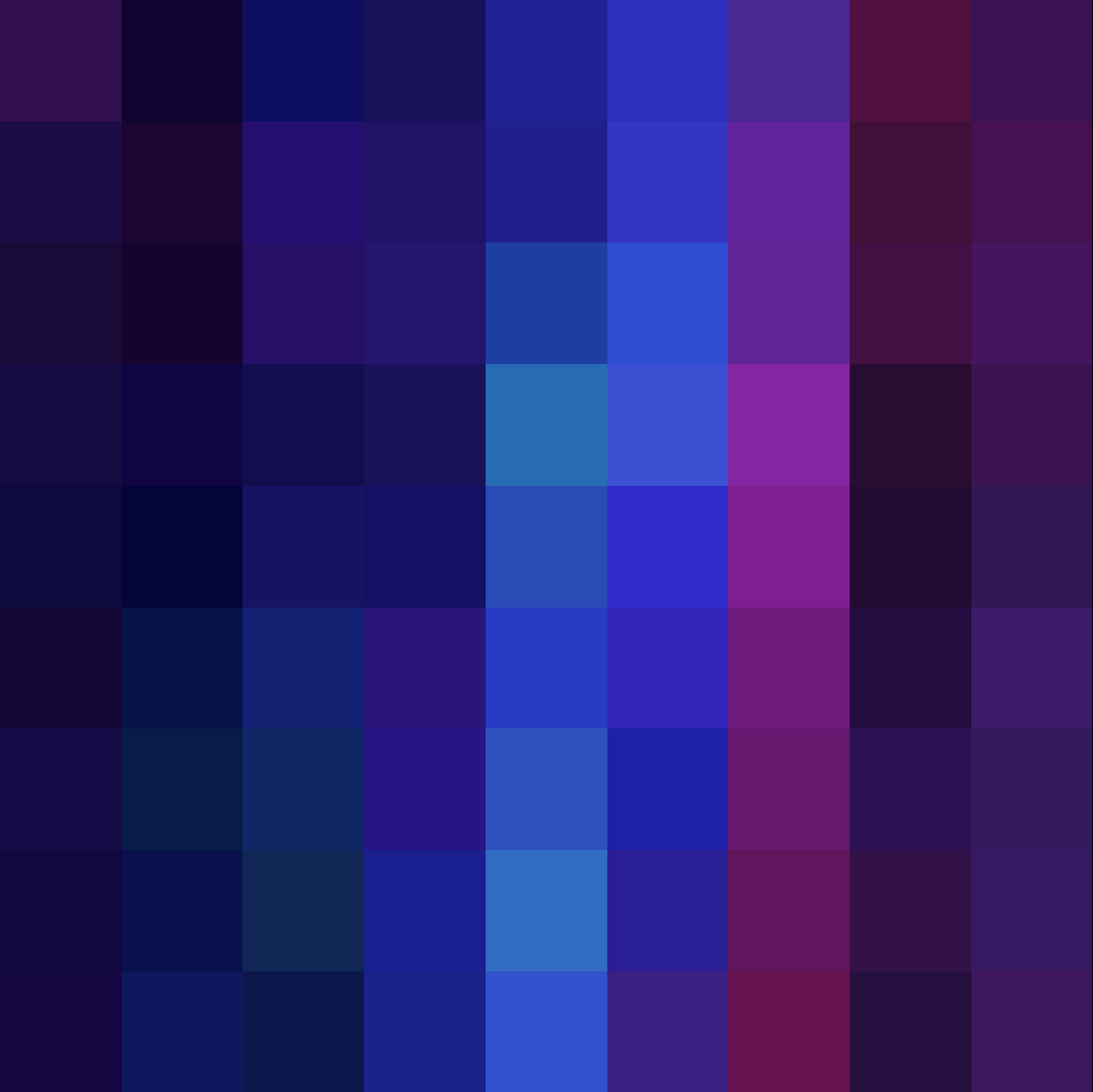
This colourful gradient, generated in this 9 by 9 pixel grid, is mostly indigo, but it also has quite some blue, some purple, some violet, and a bit of magenta in it.
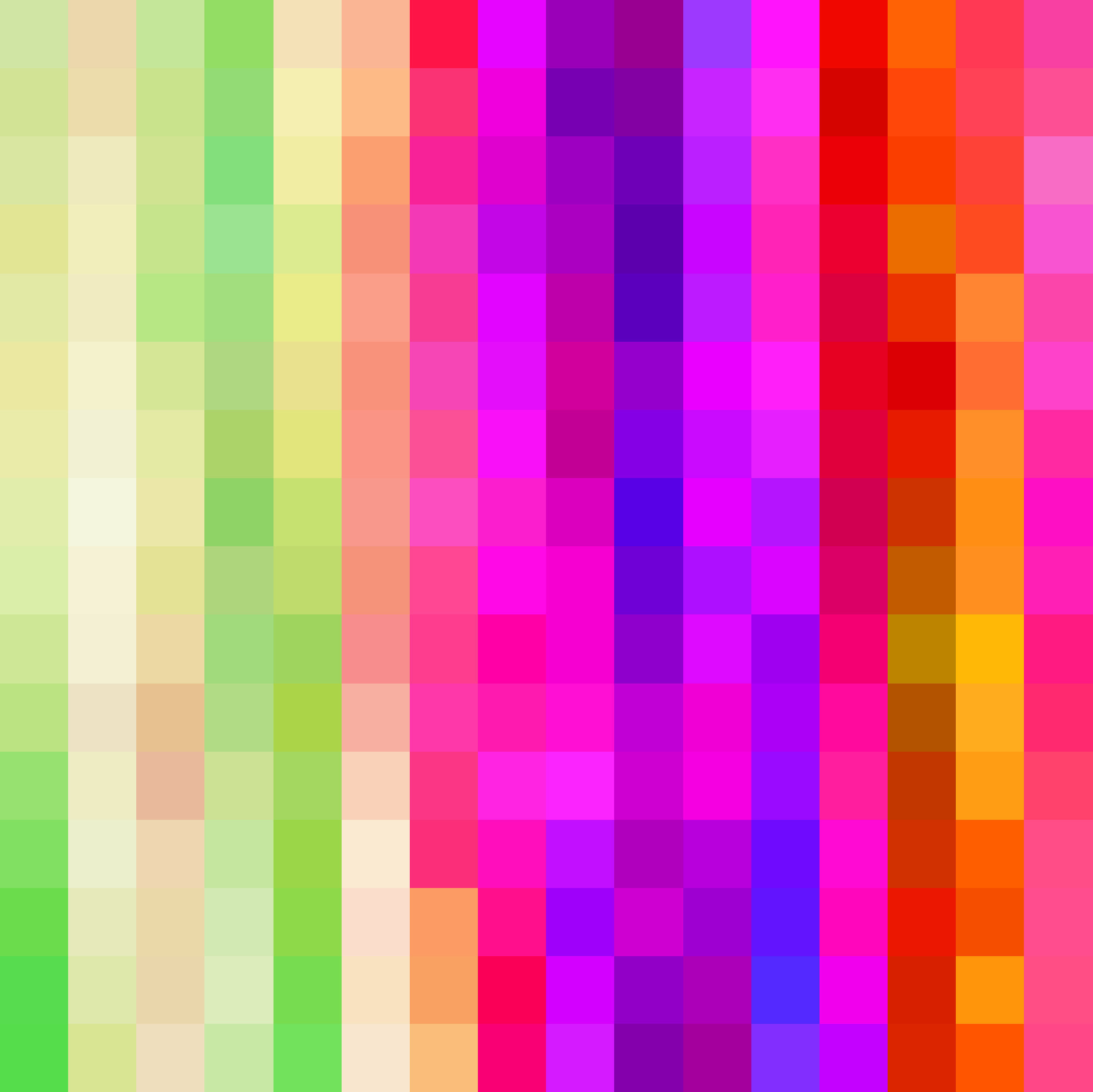
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some orange, some green, some purple, some red, a bit of yellow, a bit of rose, a little bit of lime, a tiny bit of violet, and a tiny bit of indigo in it.

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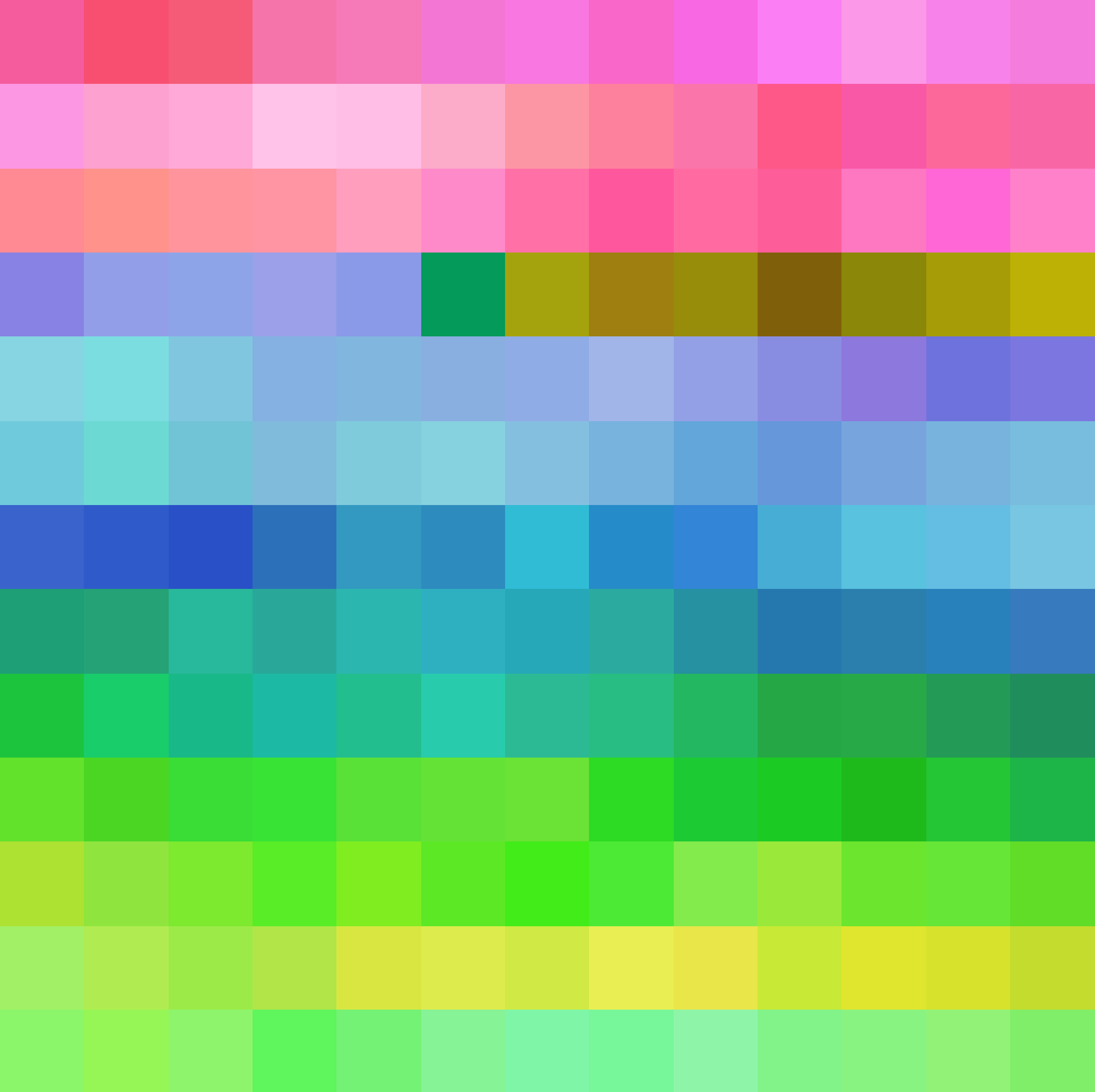
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has quite some blue, some cyan, some rose, a bit of yellow, a bit of magenta, a little bit of red, a tiny bit of indigo, a tiny bit of lime, and a tiny bit of orange in it.

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

This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly blue, and it also has some green, some cyan, some indigo, a bit of magenta, a little bit of violet, a little bit of yellow, a little bit of purple, a tiny bit of rose, a tiny bit of red, and a tiny bit of lime in it.
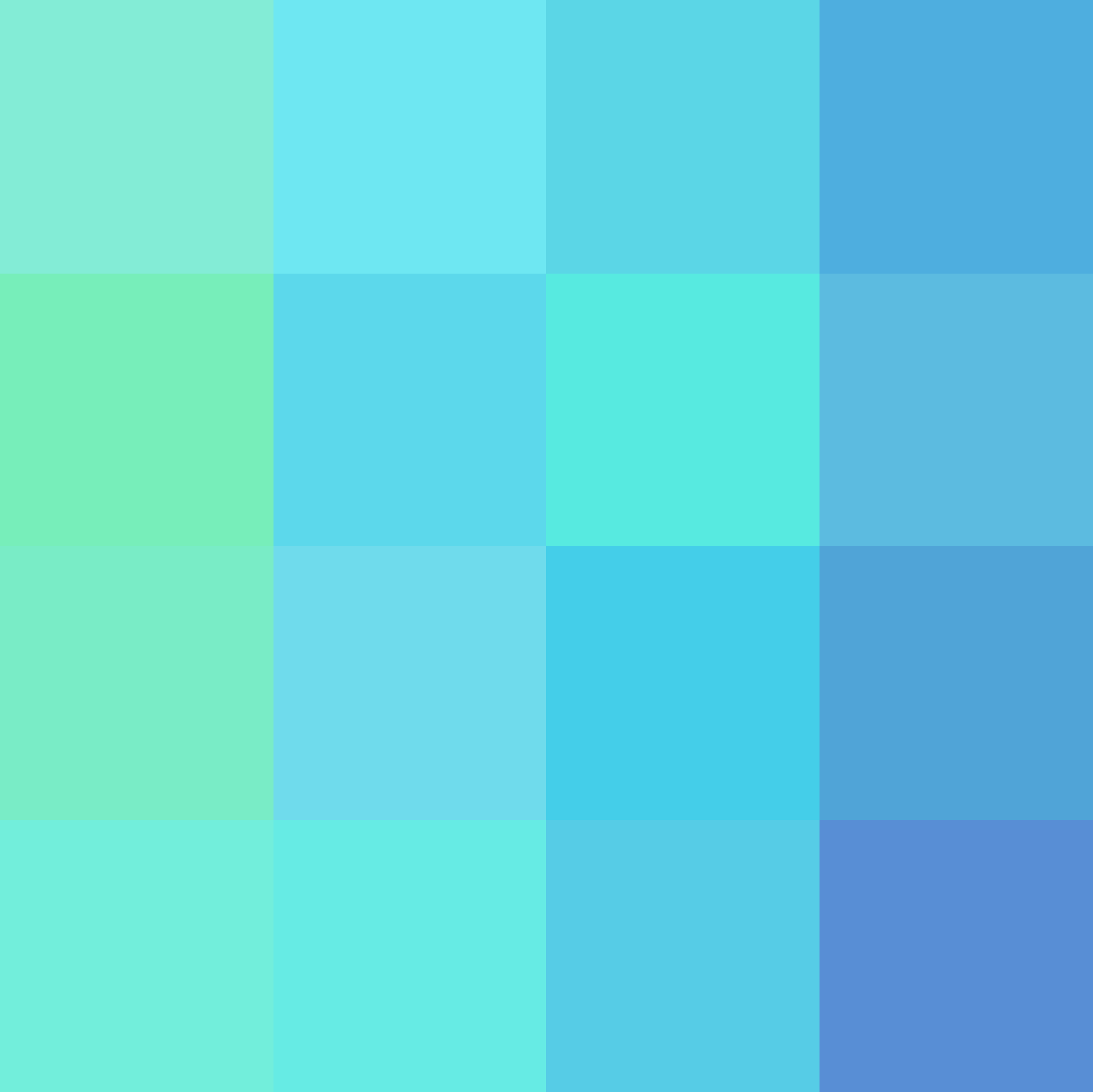
An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, a bit of yellow, a little bit of lime, a little bit of orange, and a tiny bit of blue in it.
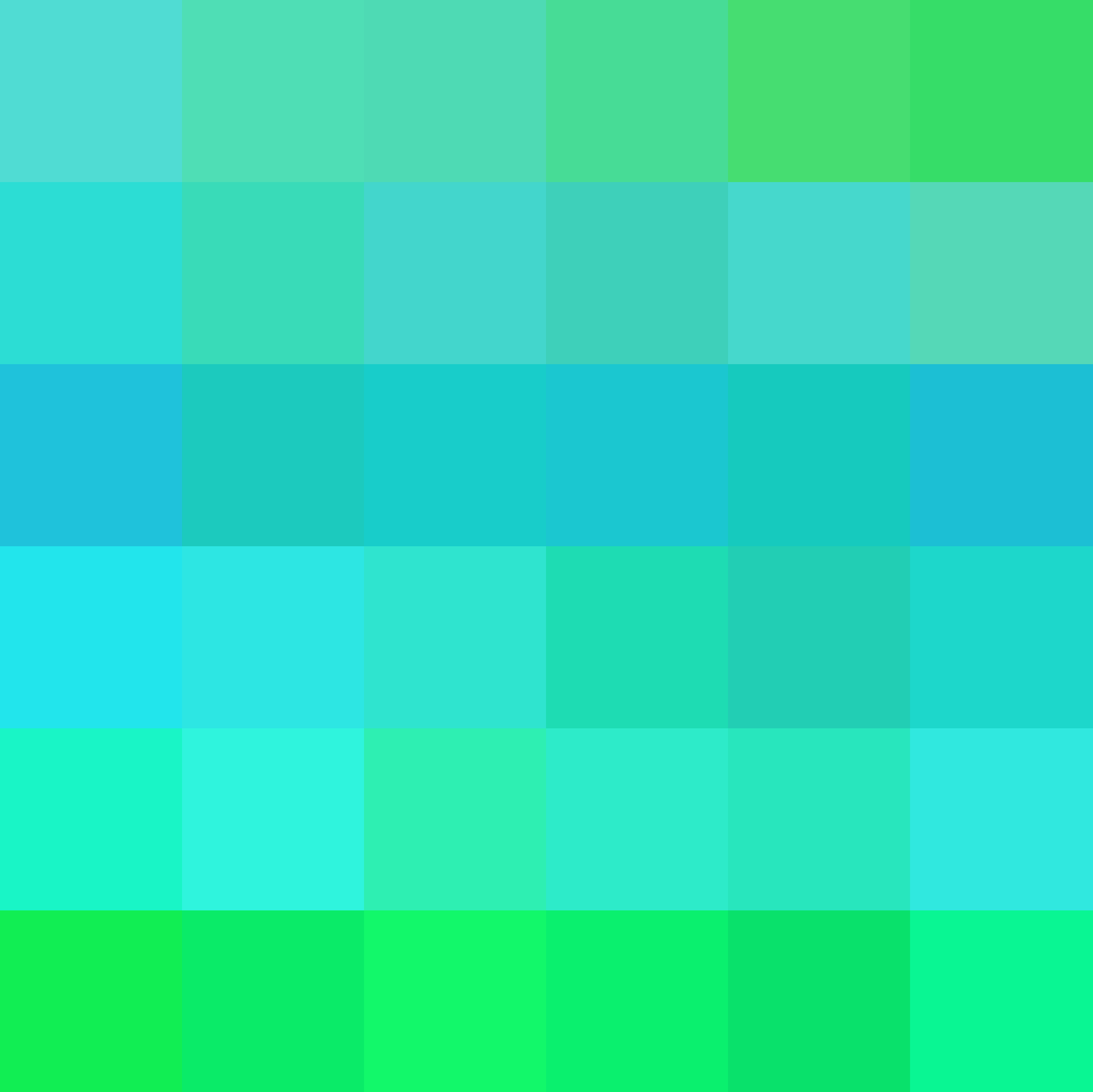
This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly cyan, but it also has quite some green in it.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly green, but it also has quite some lime, and quite some yellow in it.
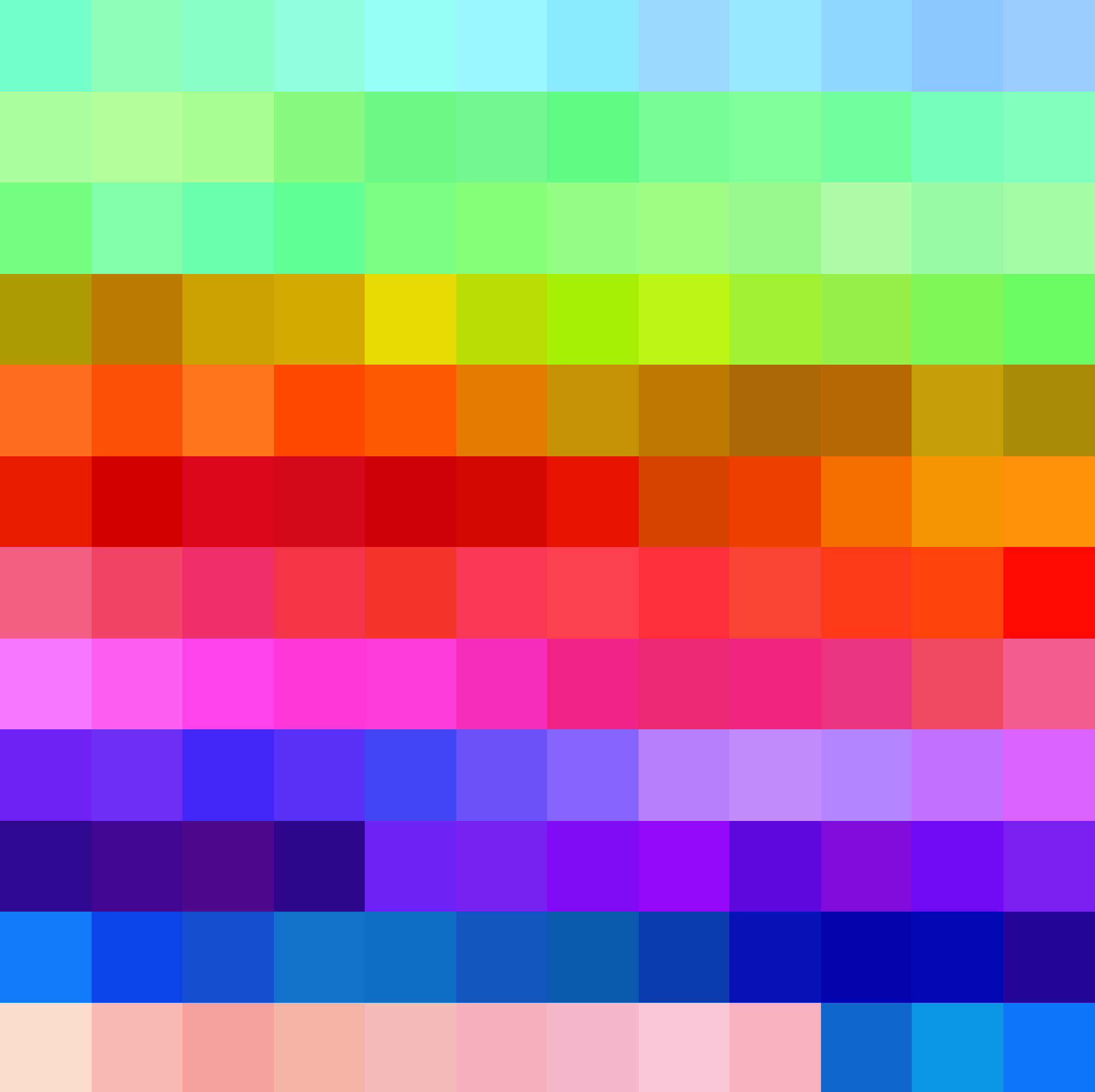
A grid with 16 coloured squares that form a
gradient. The colours are various shades of
mostly cyan, but it also has quite some blue, and
some green in it.

A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some blue, and quite some cyan in it.

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

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

Here's a 9 by 9 pixelated grid that forms a gradient. It is mostly red, but it also has a lot of orange, and a tiny bit of yellow in it.

This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, and it also has quite some cyan, some orange, some yellow, some red, a bit of blue, a tiny bit of lime, and a tiny bit of indigo in it.

This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly magenta, but it also has some red, some rose, a bit of blue, a bit of indigo, a bit of purple, a bit of violet, and a little bit of orange in it.
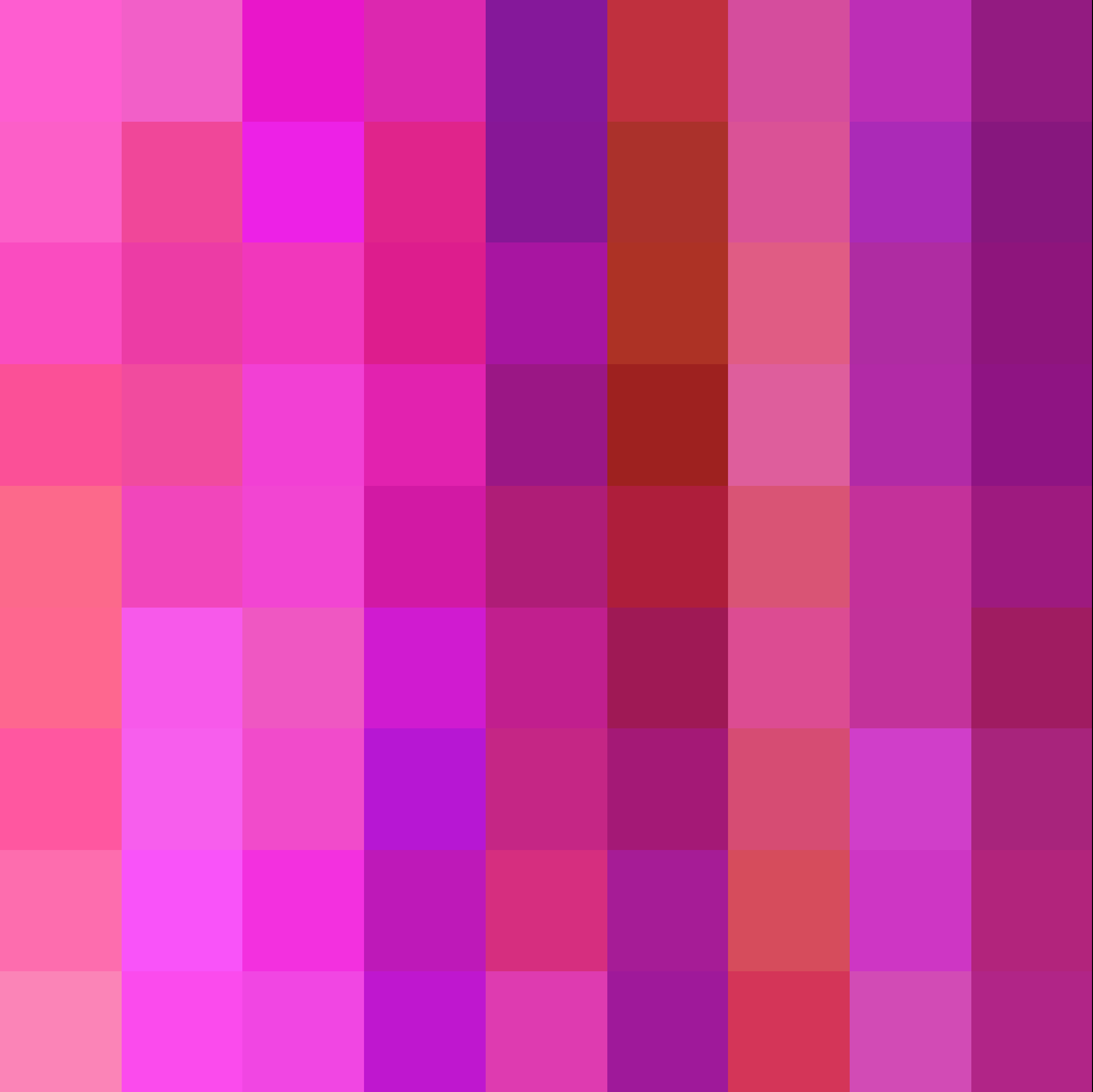
This pixel gradient—it is 9 cells wide, 9 cells high—is mostly magenta, and it also has quite some rose, some red, and a tiny bit of purple in it.

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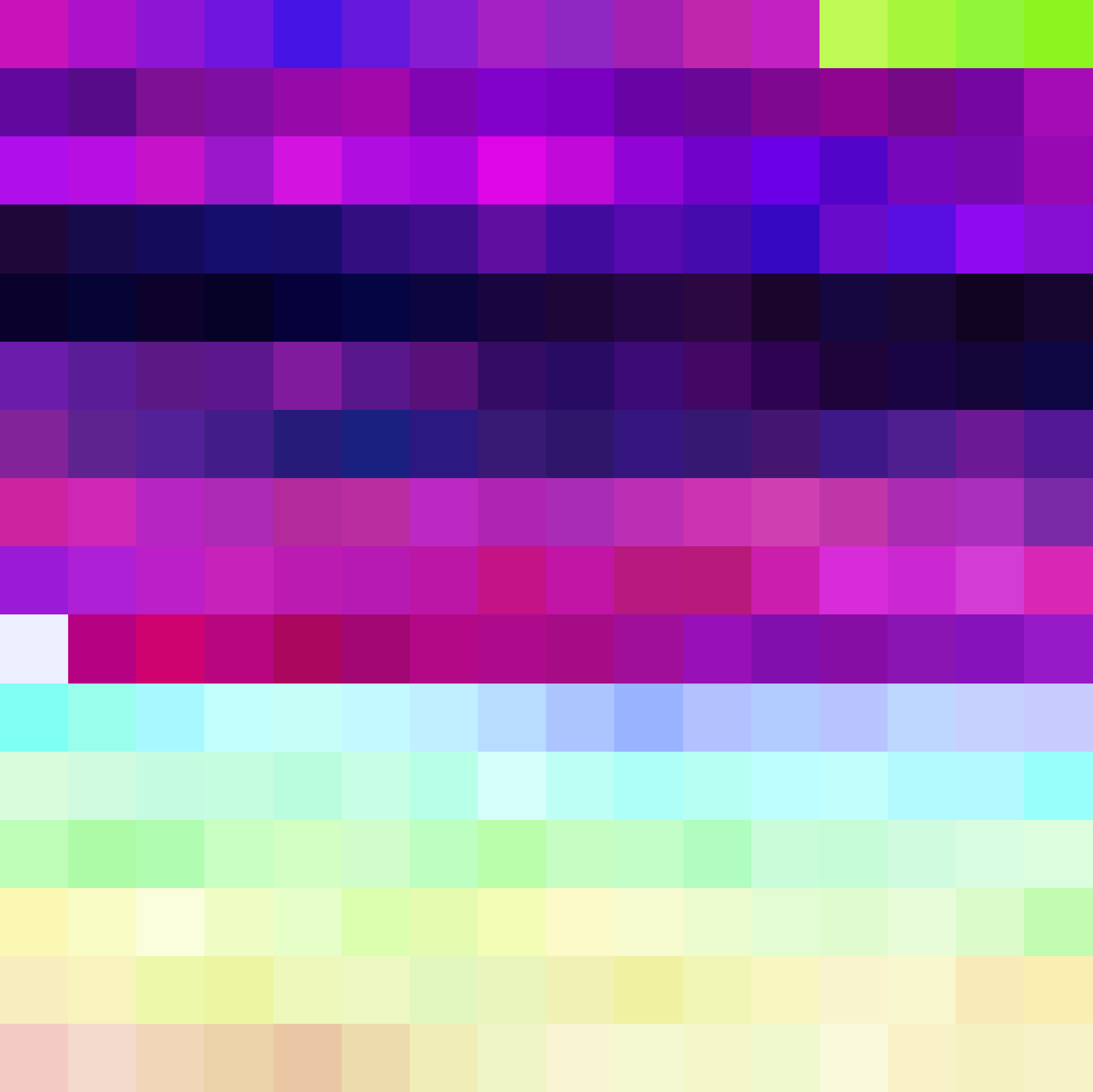
A very, very colourful grid of 256 blocks. It's mostly purple, but it also has quite some magenta, some green, some yellow, a bit of violet, a bit of indigo, a little bit of cyan, a little bit of blue, a tiny bit of lime, a tiny bit of orange, a tiny bit of rose, and a tiny bit of red in it.
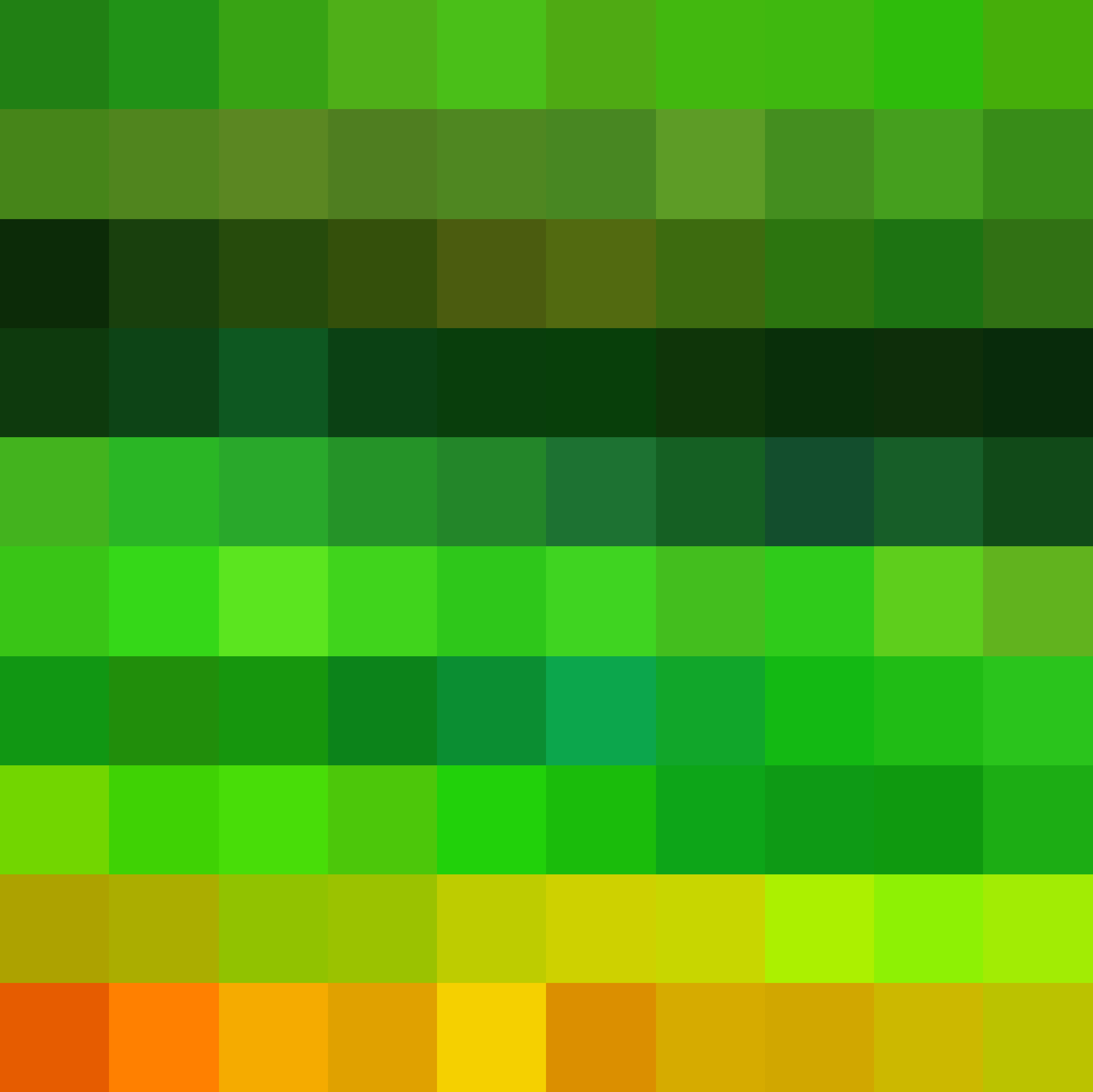
The very, very colourful gradient in this 12 by 12 pixel grid is mostly orange, but it also has some magenta, some purple, some blue, a bit of rose, a bit of yellow, a little bit of lime, a little bit of green, a little bit of red, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of cyan in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

A grid of 49 blocks. It's mostly indigo, and it also has quite some blue, quite some violet, and some purple in it.

A very colourful grid of 196 blocks. It's mostly green, but it also has quite some red, quite some rose, some magenta, a little bit of orange, a little bit of yellow, and a tiny bit of lime in it.

Here's a 10 by 10 pixelated grid that forms a gradient. It is mostly green, and it also has a bit of yellow, a little bit of lime, and a little bit of orange in it.
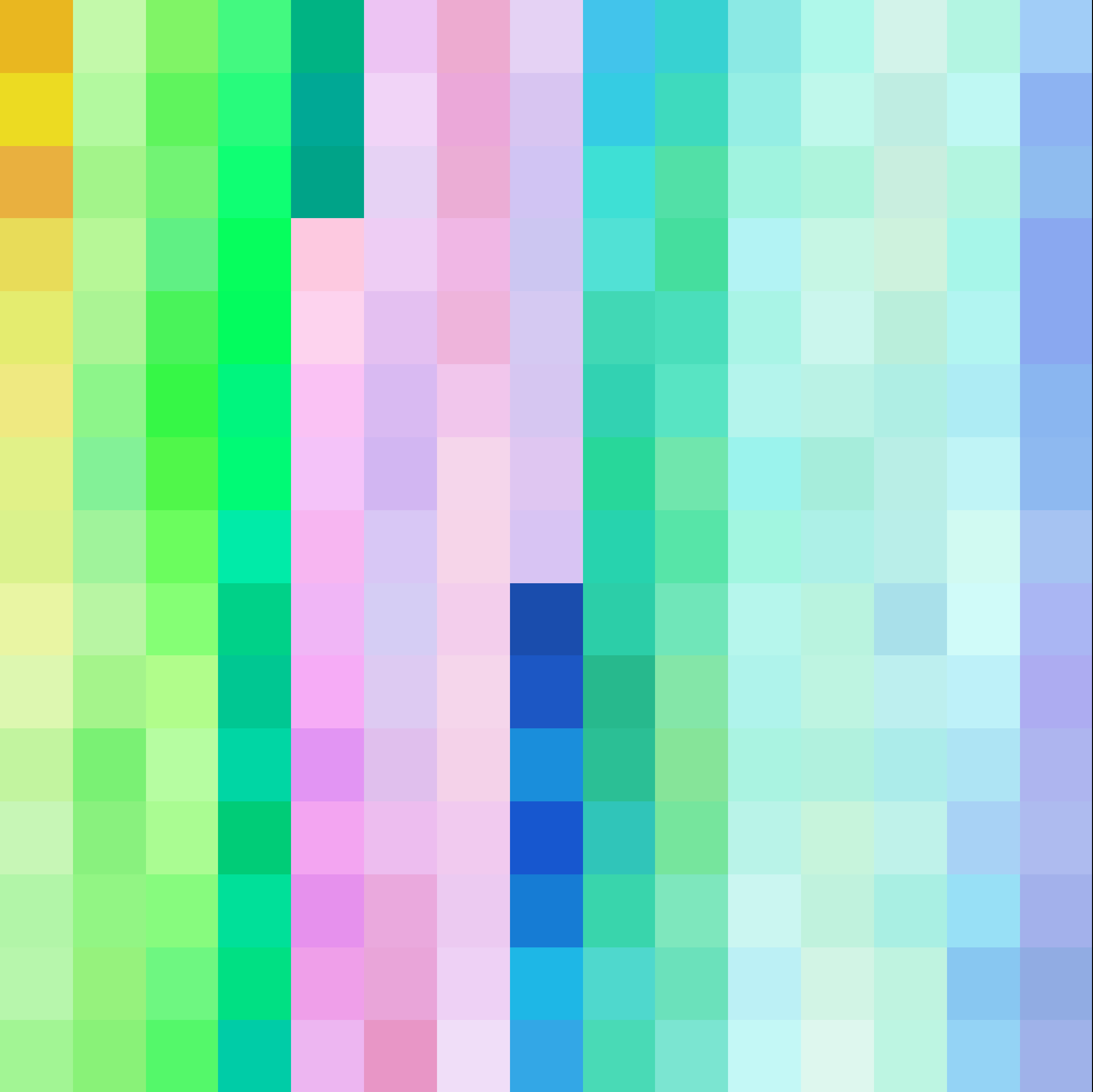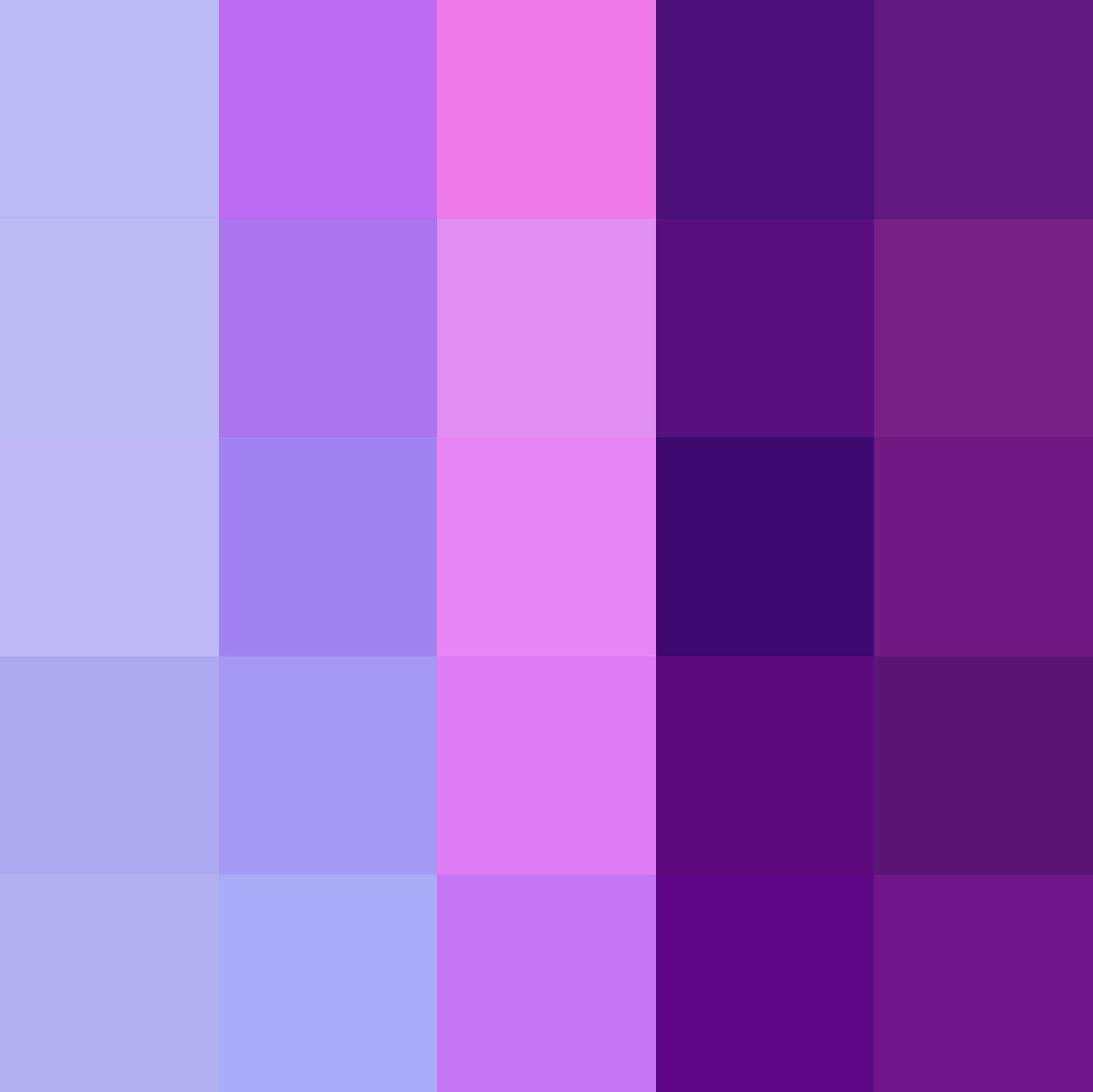
The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, and it also has quite some cyan, some magenta, some blue, a little bit of purple, a little bit of yellow, a little bit of violet, a tiny bit of indigo, a tiny bit of orange, a tiny bit of lime, and a tiny bit of rose in it.

This gradient, generated in this 5 by 5 pixel grid, is mostly green, and it also has a little bit of lime, and a little bit of cyan in it.
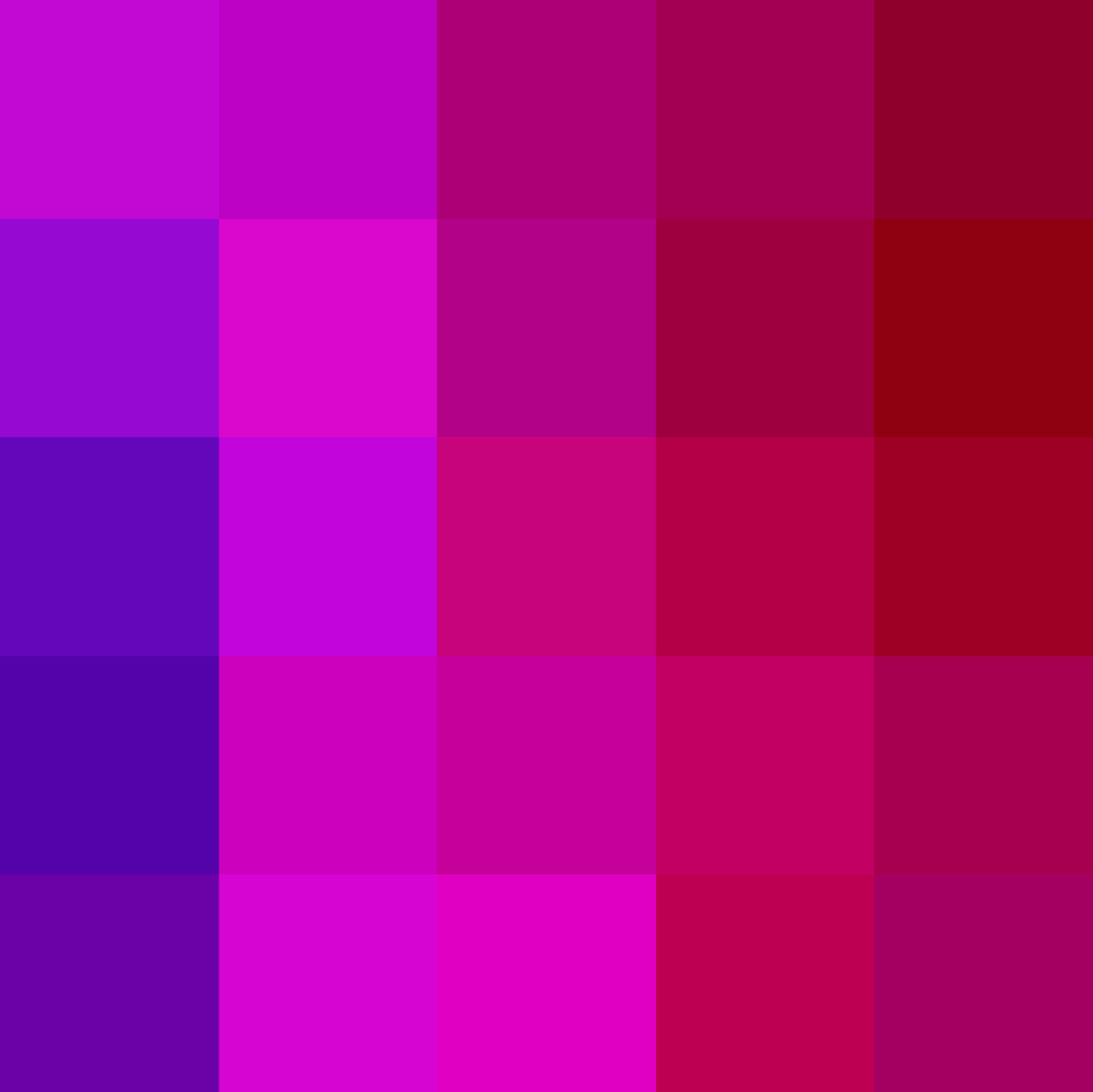
This colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly magenta, but it also has quite some rose, some purple, a bit of red, and a little bit of violet in it.
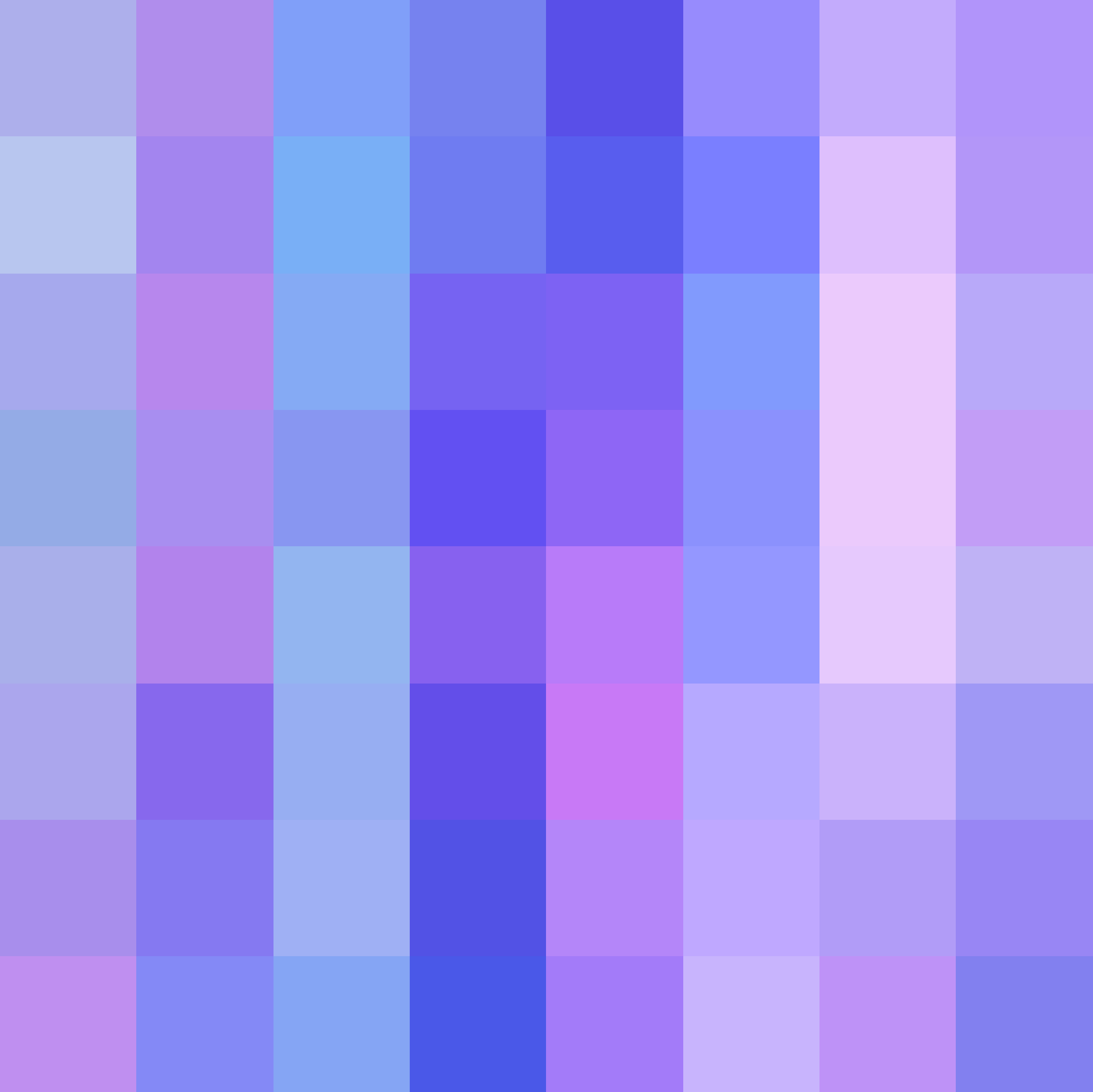
The cells in this 5 by 5 pixel grid form a colourful gradient. It is mostly purple, but it also has quite some indigo, some magenta, a little bit of blue, and a little bit of violet in it.

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

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

The gradient in this 8 by 8 pixel grid is mostly indigo, and it also has quite some blue, some violet, and a little bit of purple in it.
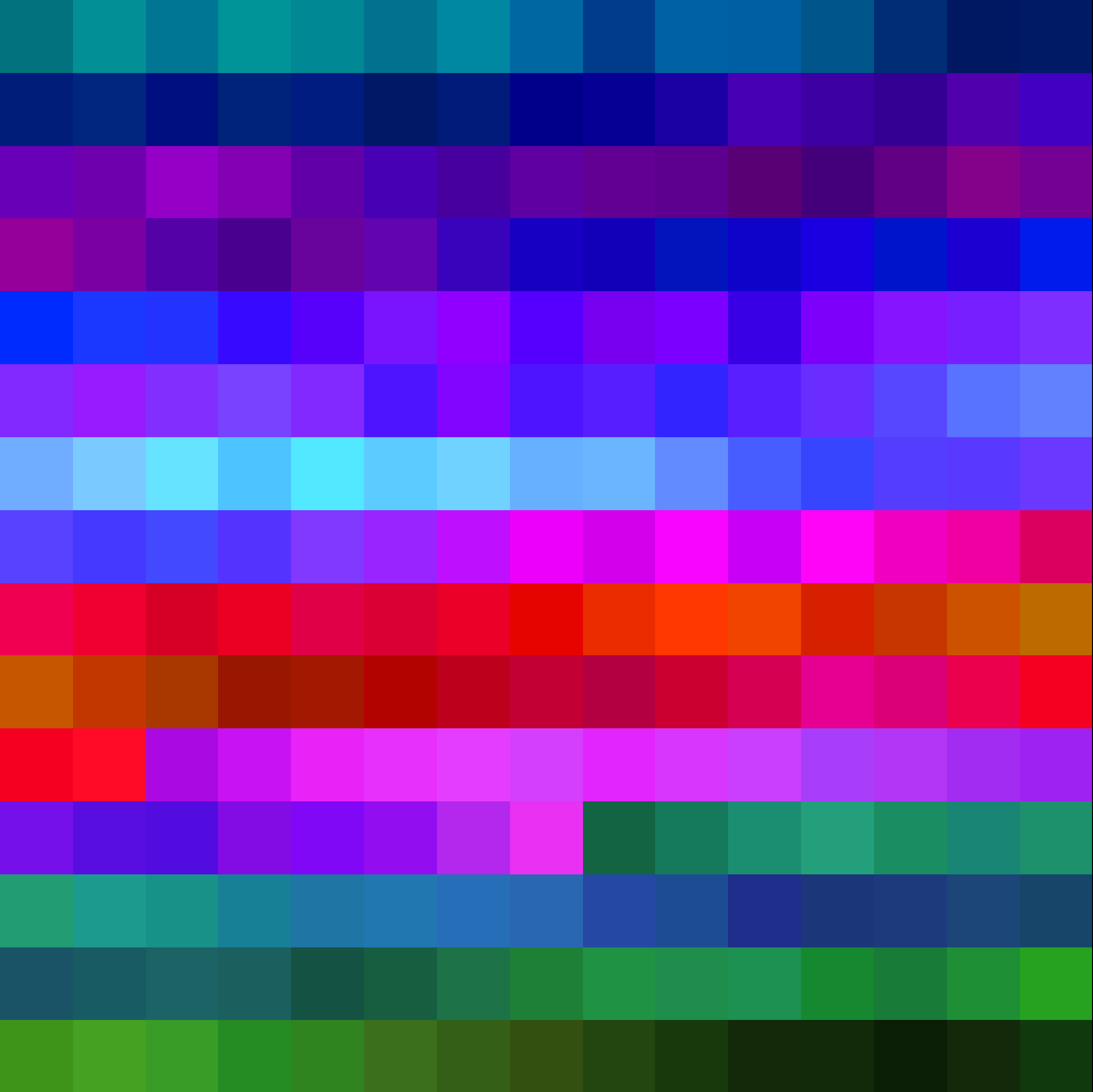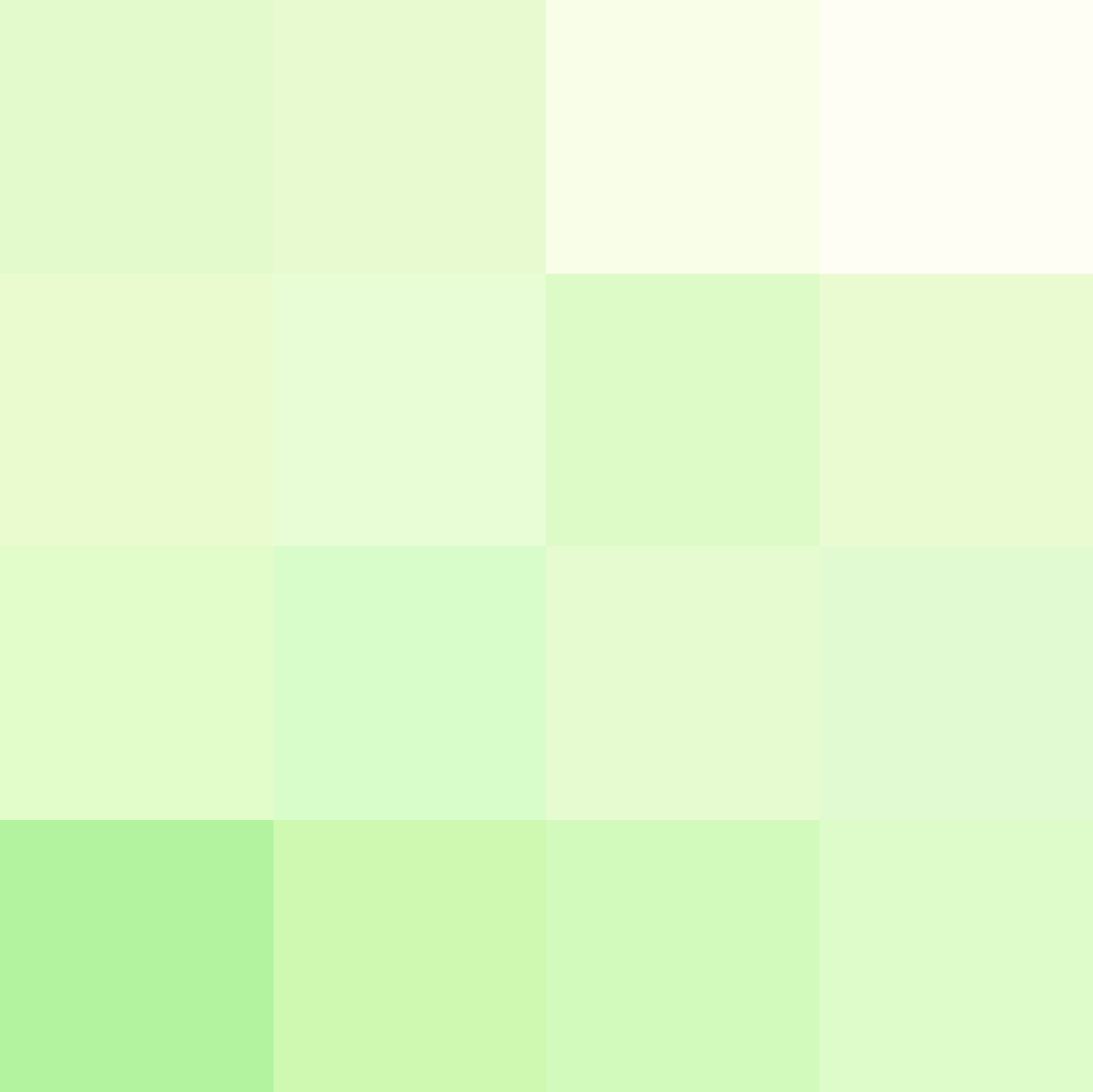
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly blue, and it also has some purple, some green, some indigo, a bit of violet, a bit of cyan, a bit of red, a little bit of magenta, a little bit of rose, and a little bit of orange in it.
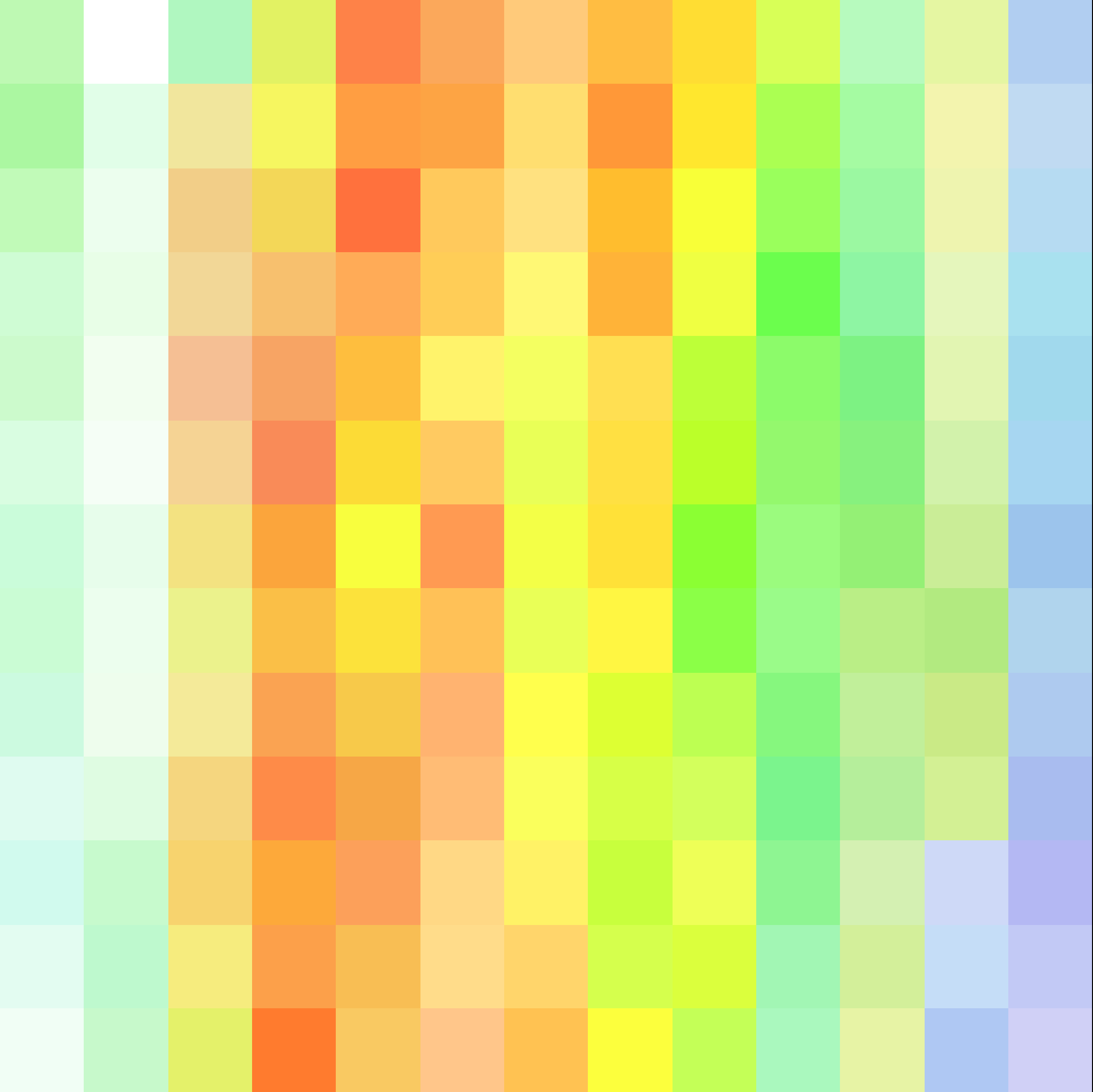
The cells in this 7 by 7 pixel grid form a gradient. It is mostly green, but it also has quite some cyan, and a little bit of blue in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly orange, and it also has some red, and a bit of yellow in it.
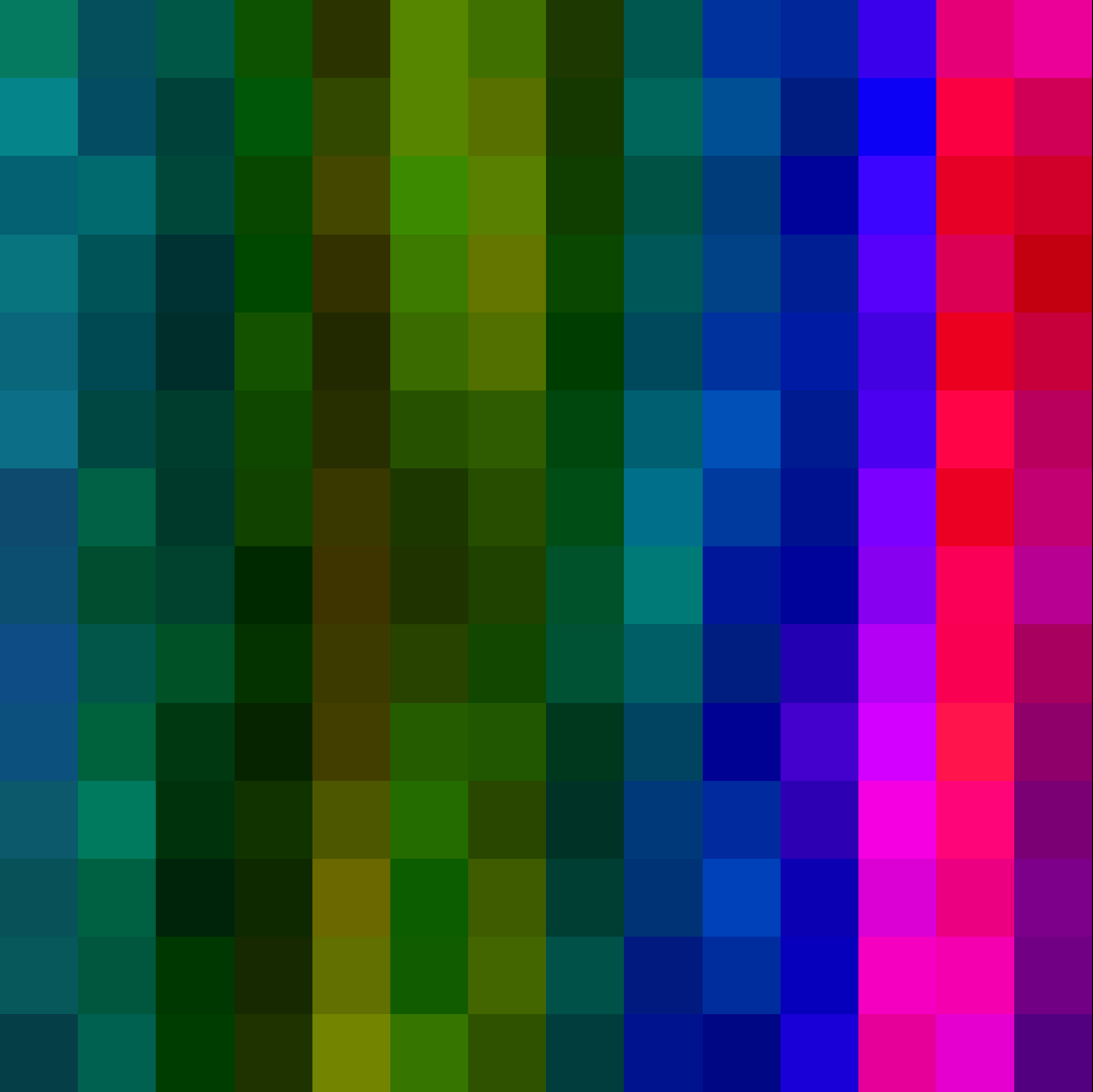
There's a pixel gradient in this 4 by 4 grid. It is mostly green, but it also has a little bit of yellow, and a little bit of lime in it.
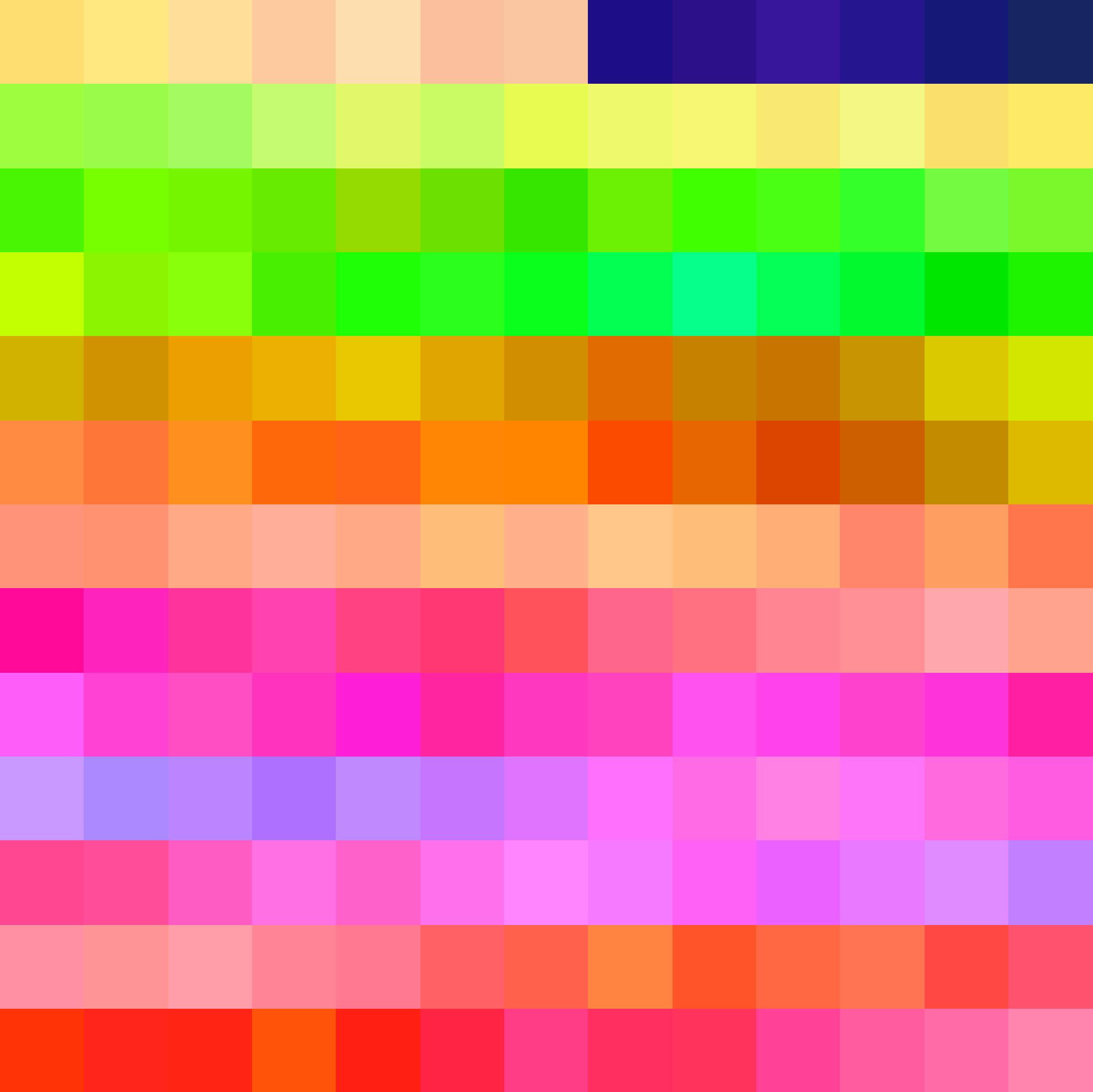
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has quite some orange, quite some yellow, a bit of blue, a bit of lime, and a tiny bit of cyan in it.
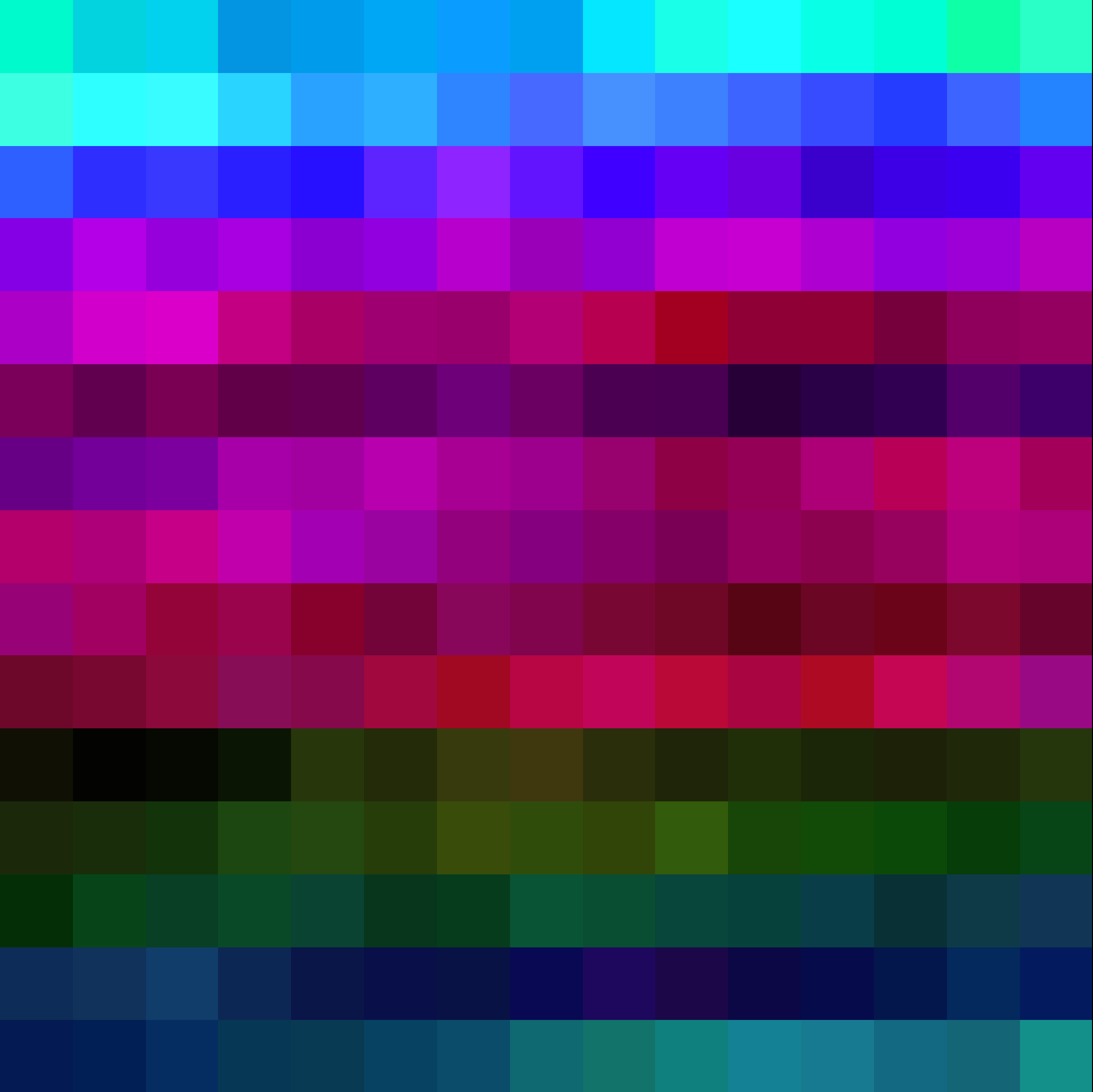
The very, very colourful gradient in this 15 by 15 pixel grid is mostly magenta, and it also has some blue, some green, some rose, some cyan, a bit of purple, a little bit of indigo, a little bit of lime, a tiny bit of red, a tiny bit of yellow, and a tiny bit of violet in it.
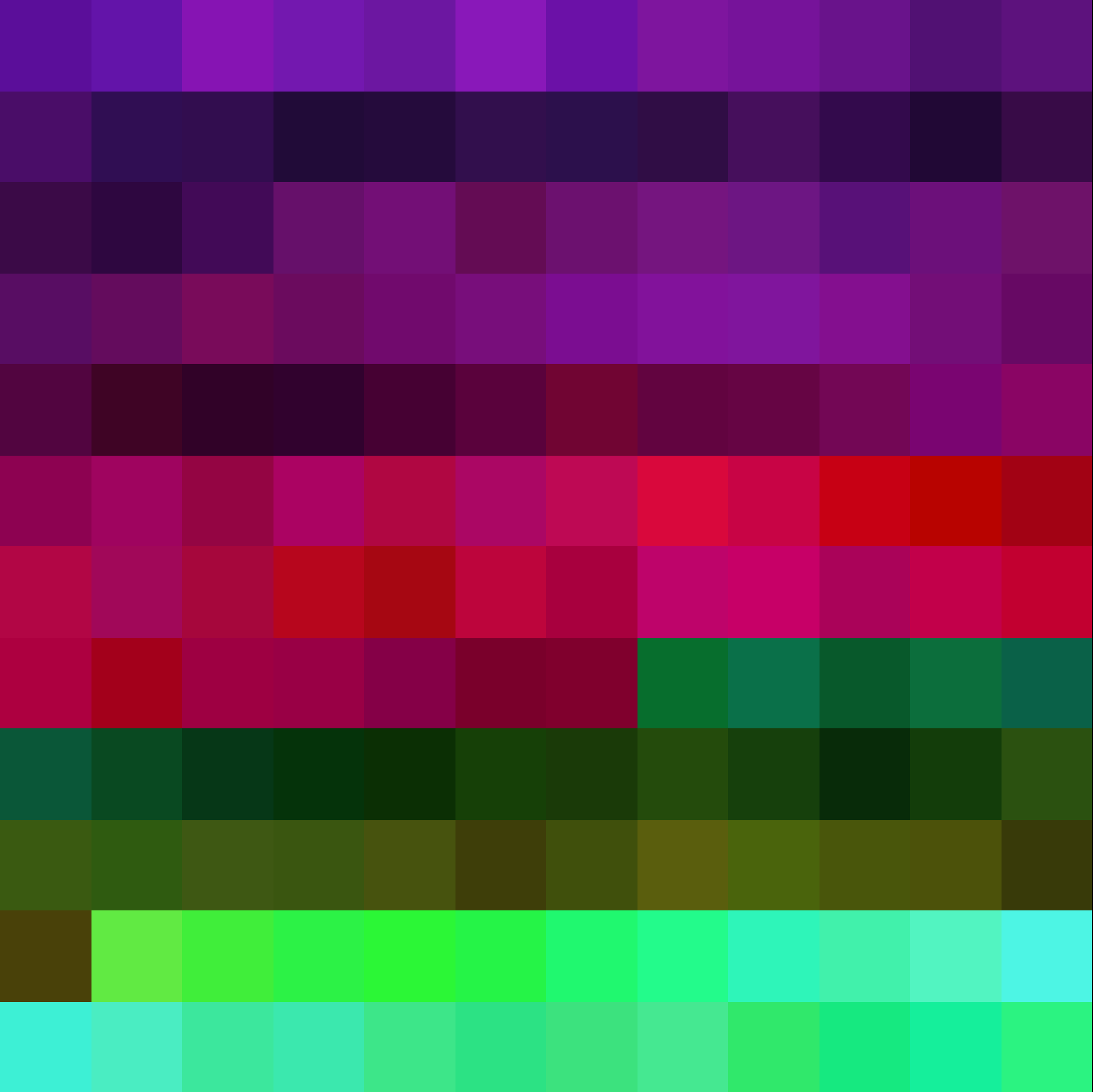
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some blue, a bit of yellow, a bit of magenta, a little bit of indigo, a little bit of rose, a little bit of red, a little bit of lime, a little bit of purple, and a tiny bit of violet in it.
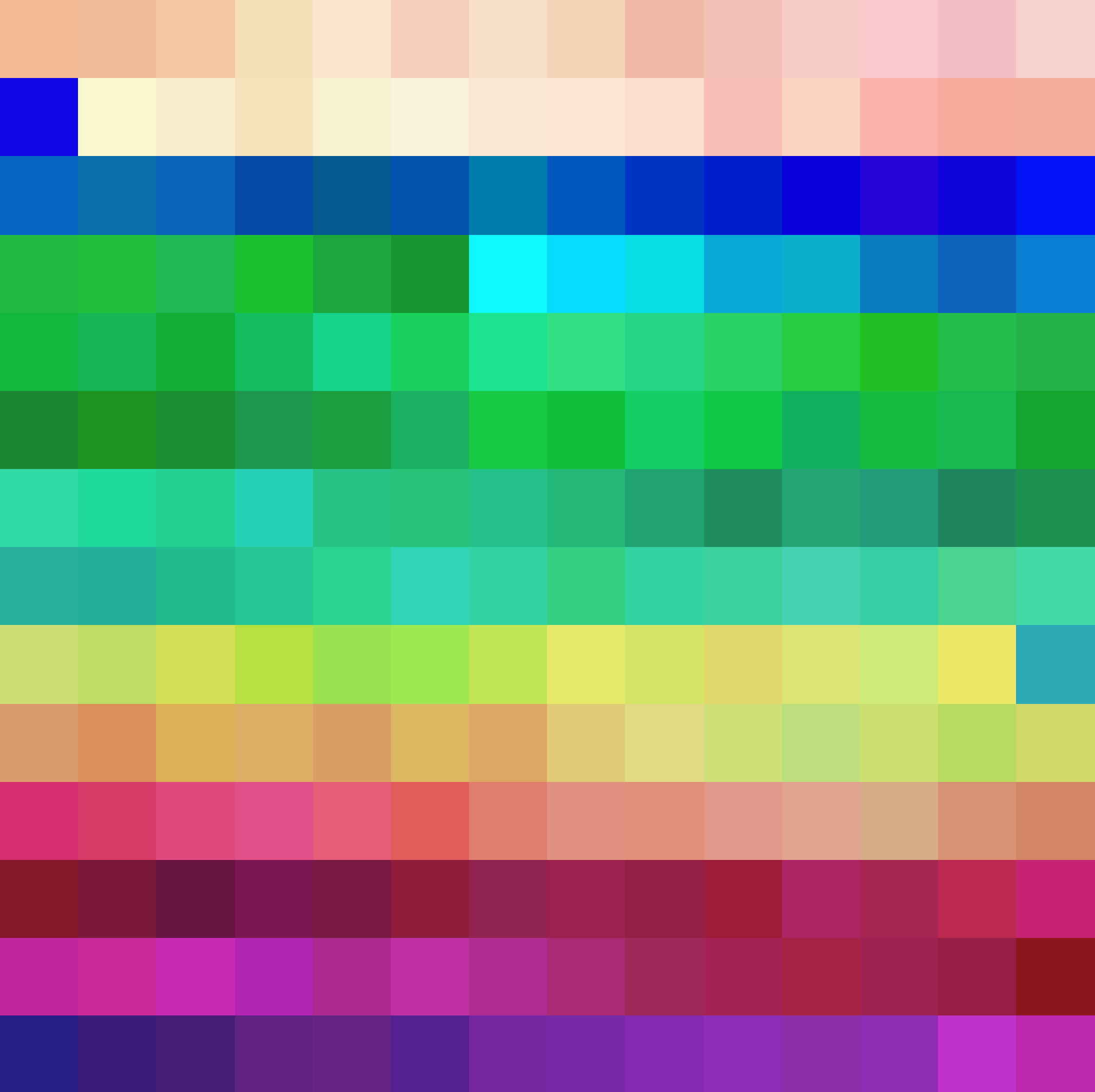
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly red, and it also has quite some orange, some green, a bit of yellow, a tiny bit of indigo, a tiny bit of blue, and a tiny bit of lime in it.

Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly green, but it also has quite some yellow, and quite some lime in it.

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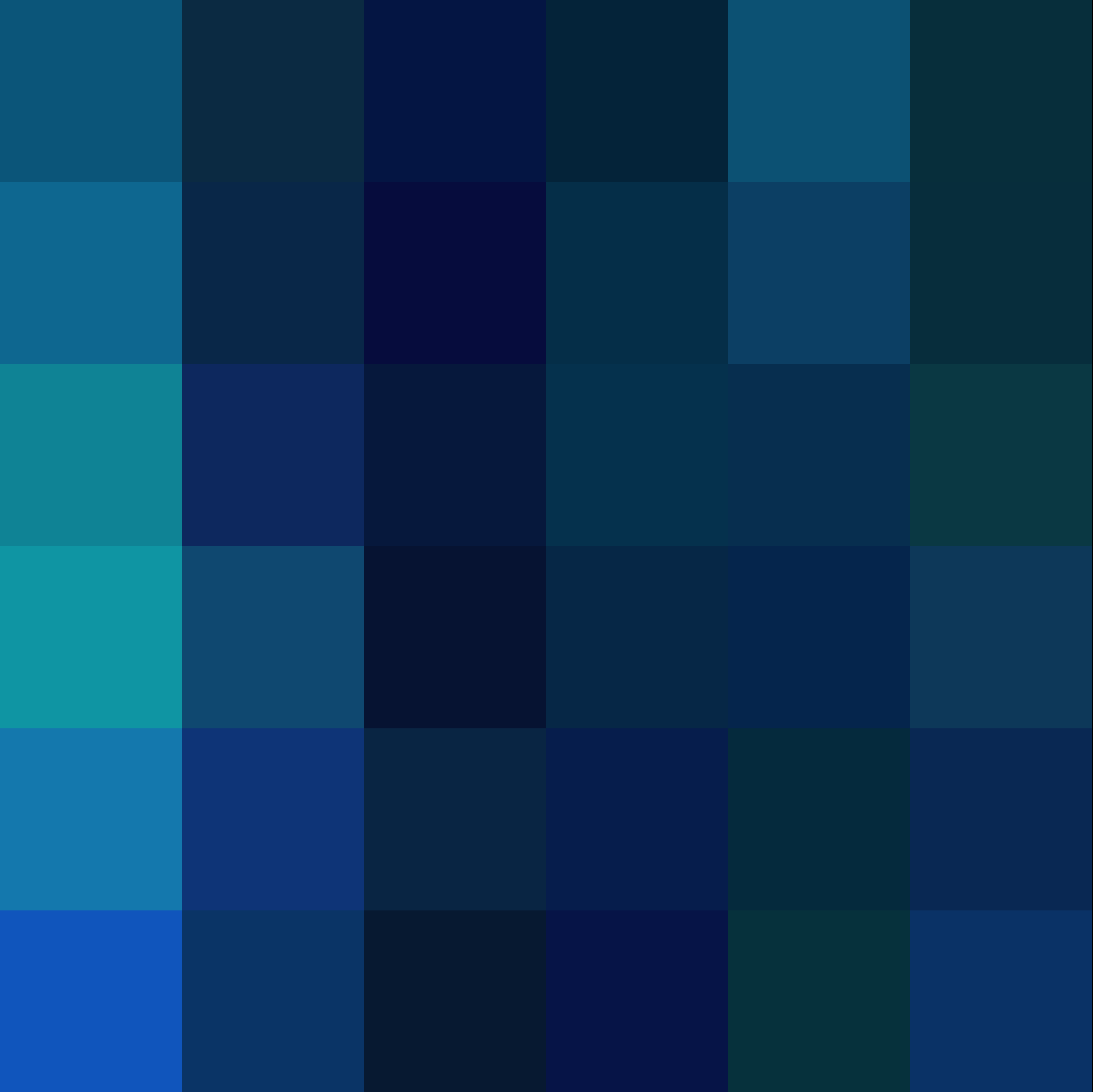
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some green, some orange, a bit of blue, a bit of yellow, a little bit of cyan, a little bit of lime, and a tiny bit of indigo in it.
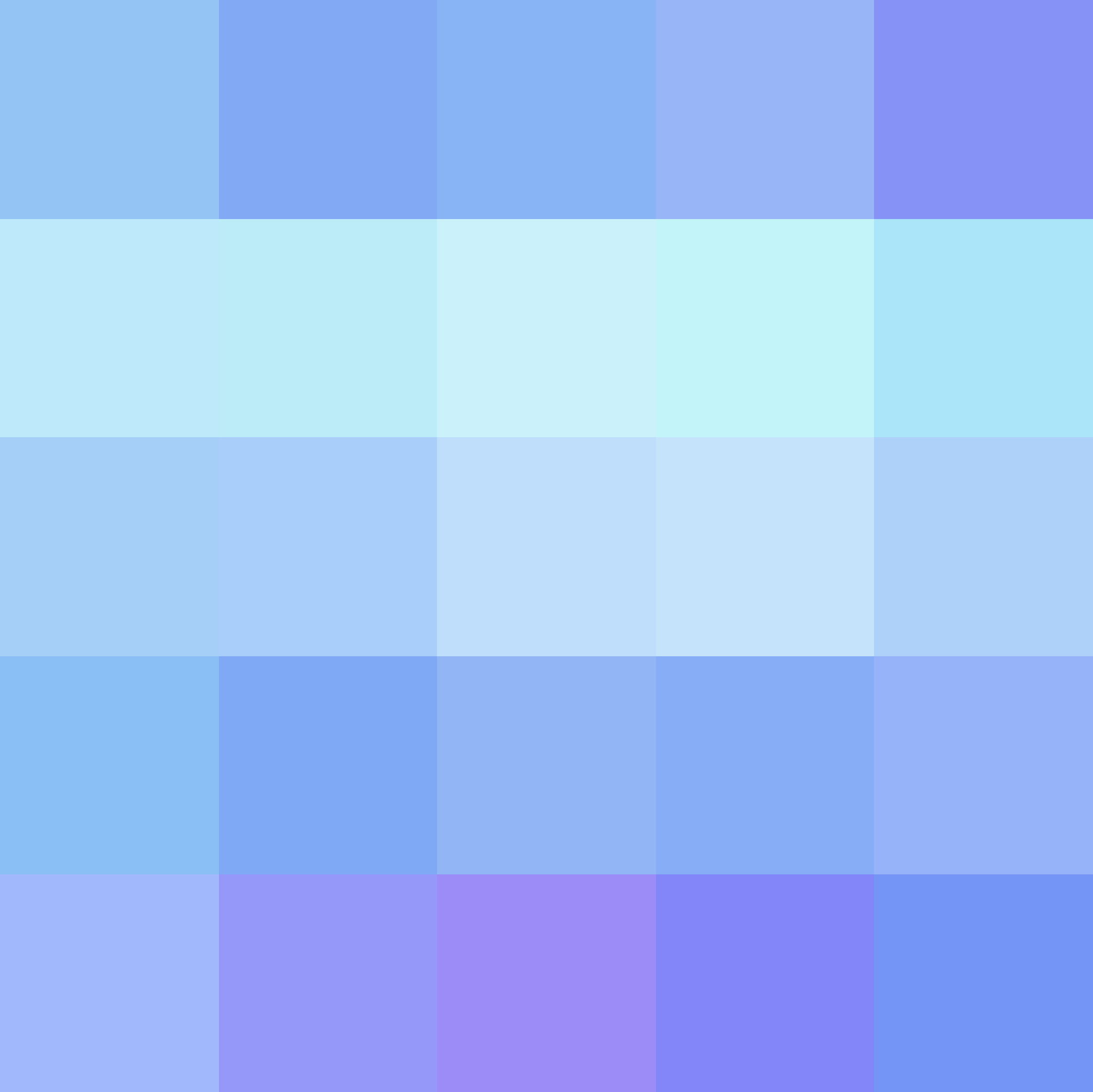
This gradient, generated in this 5 by 5 pixel grid, is mostly blue, and it also has some cyan, and a little bit of indigo in it.

There's a colourful pixel gradient in this 7 by 7 grid. It is mostly blue, and it also has some magenta, some purple, a bit of violet, and a little bit of indigo in it.
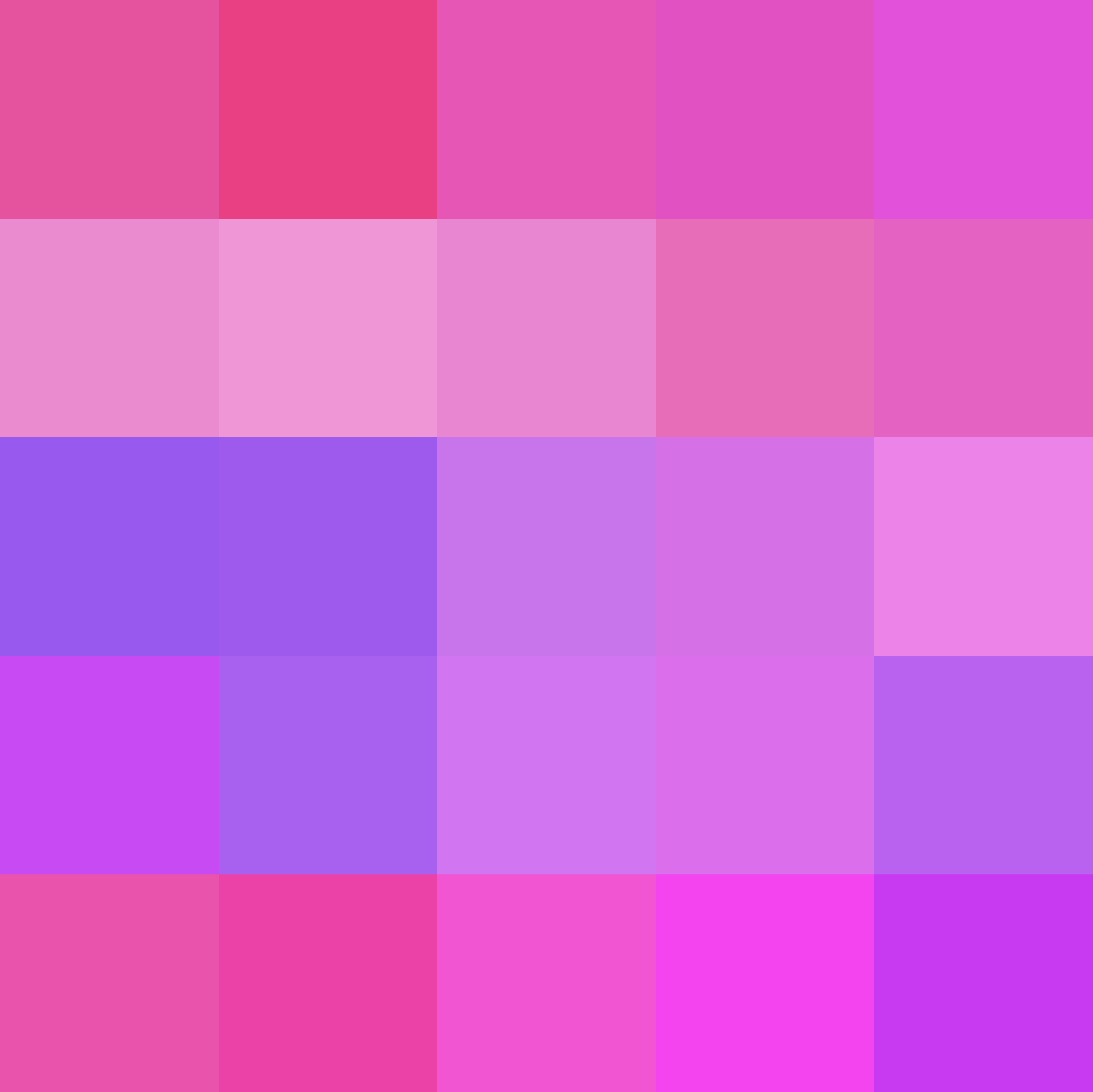
This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly blue, and it also has some cyan in it.

A grid with 49 coloured squares that form a colourful gradient. The colours are various shades of mostly purple, and it also has quite some red, some orange, a bit of magenta, and a little bit of violet in it.
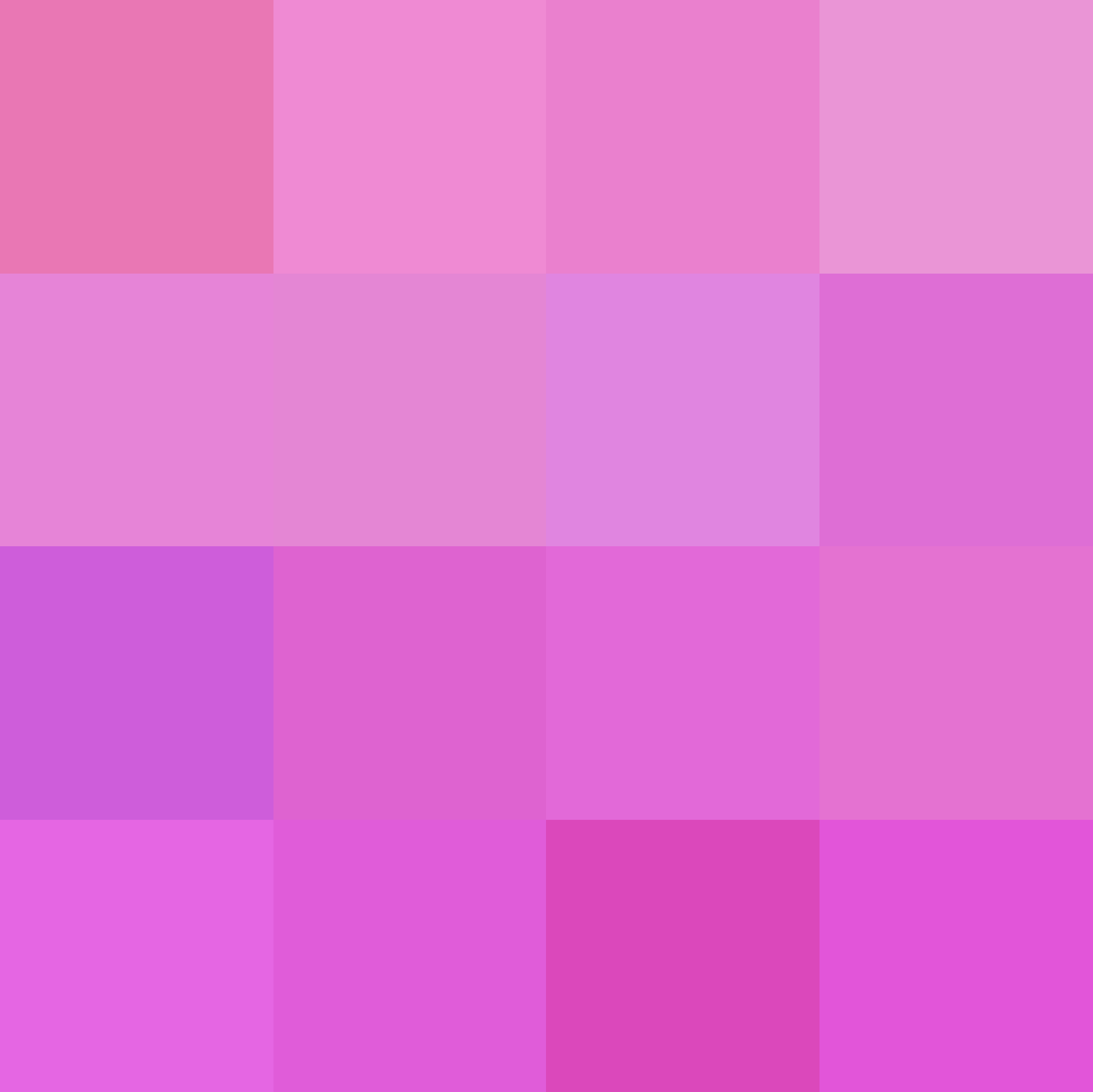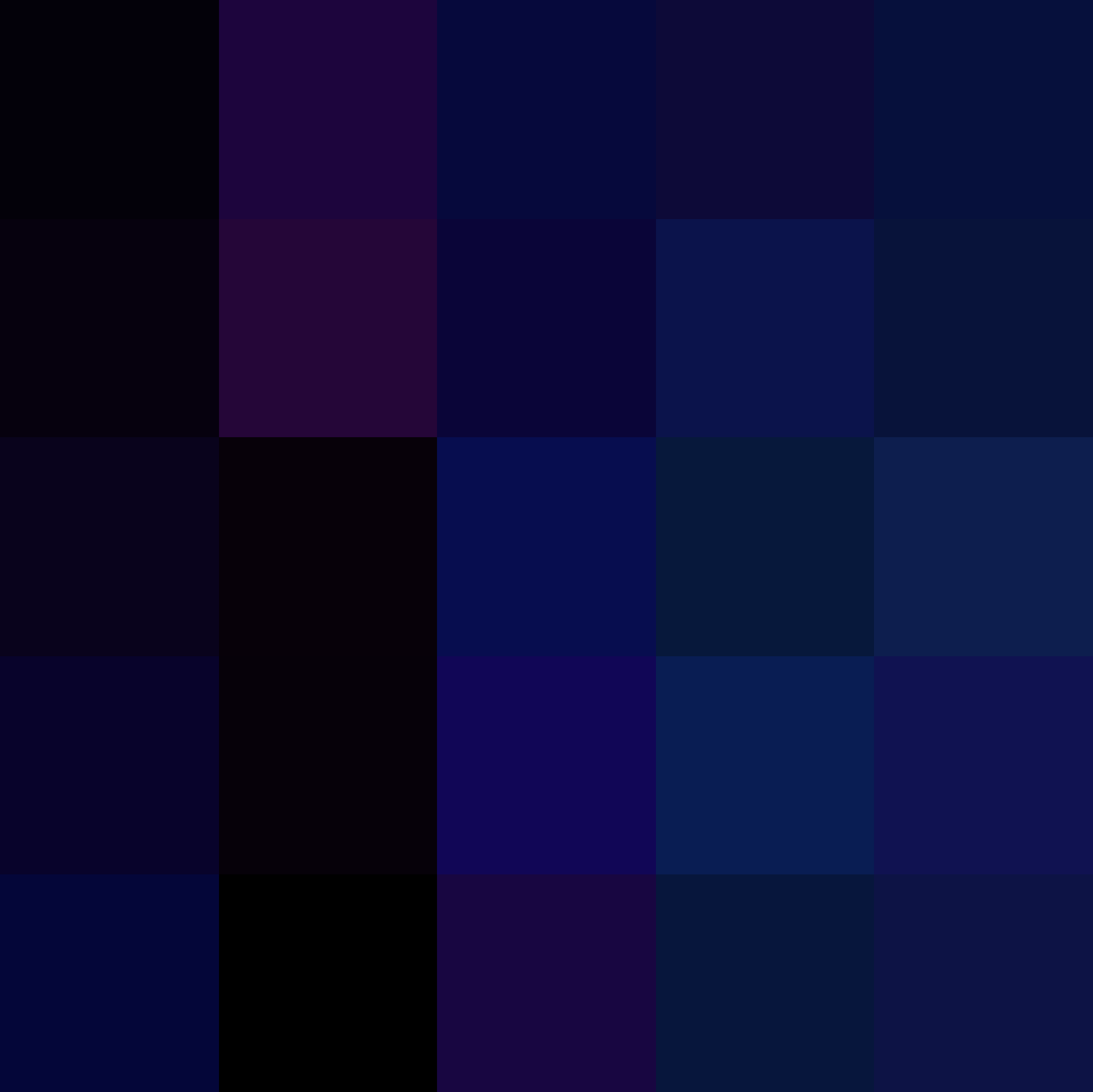
The two tone gradient in this 4 by 4 pixel grid is mostly magenta, but it also has a little bit of rose in it.
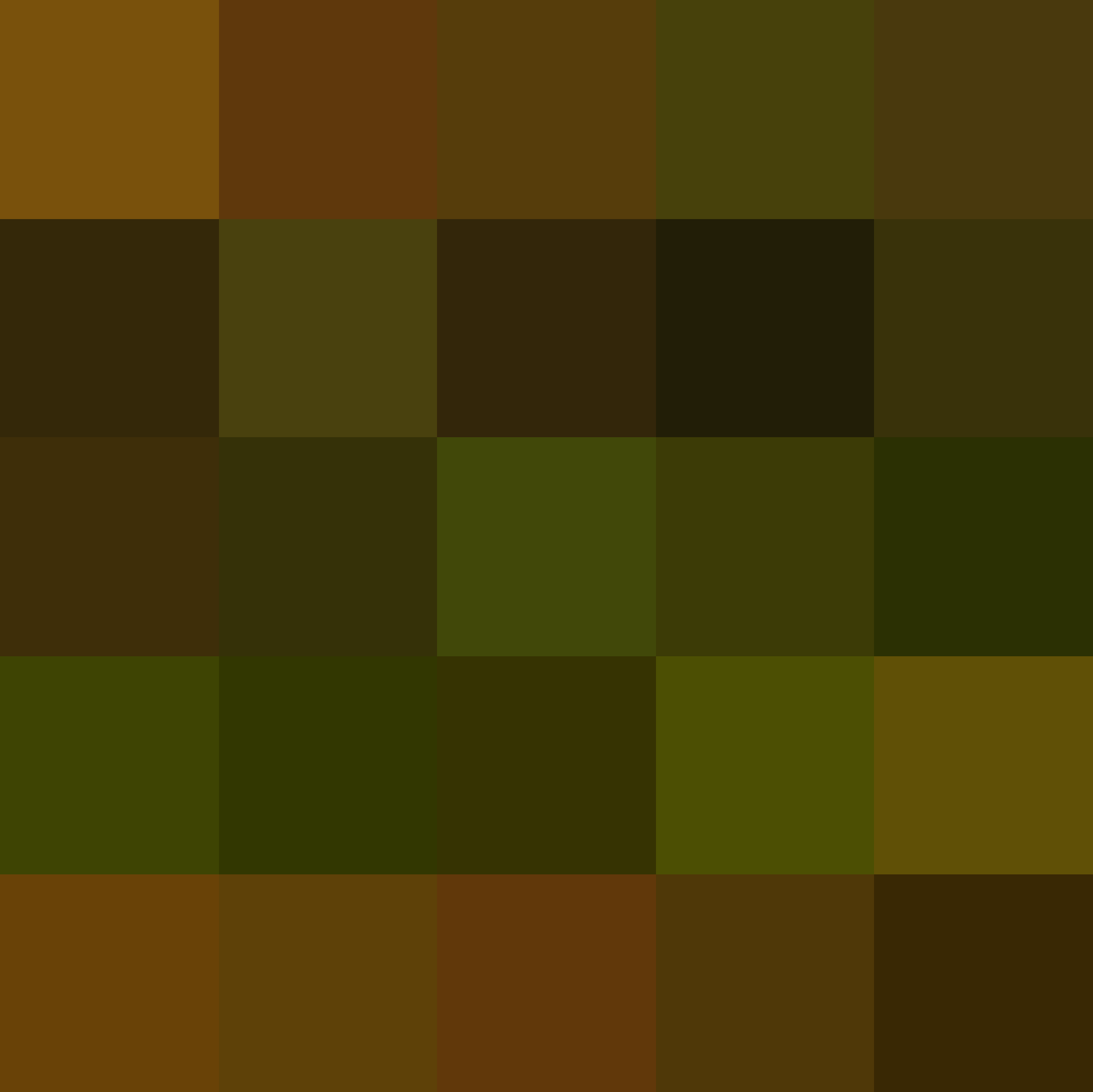
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has quite some purple, some violet, and a bit of rose in it.
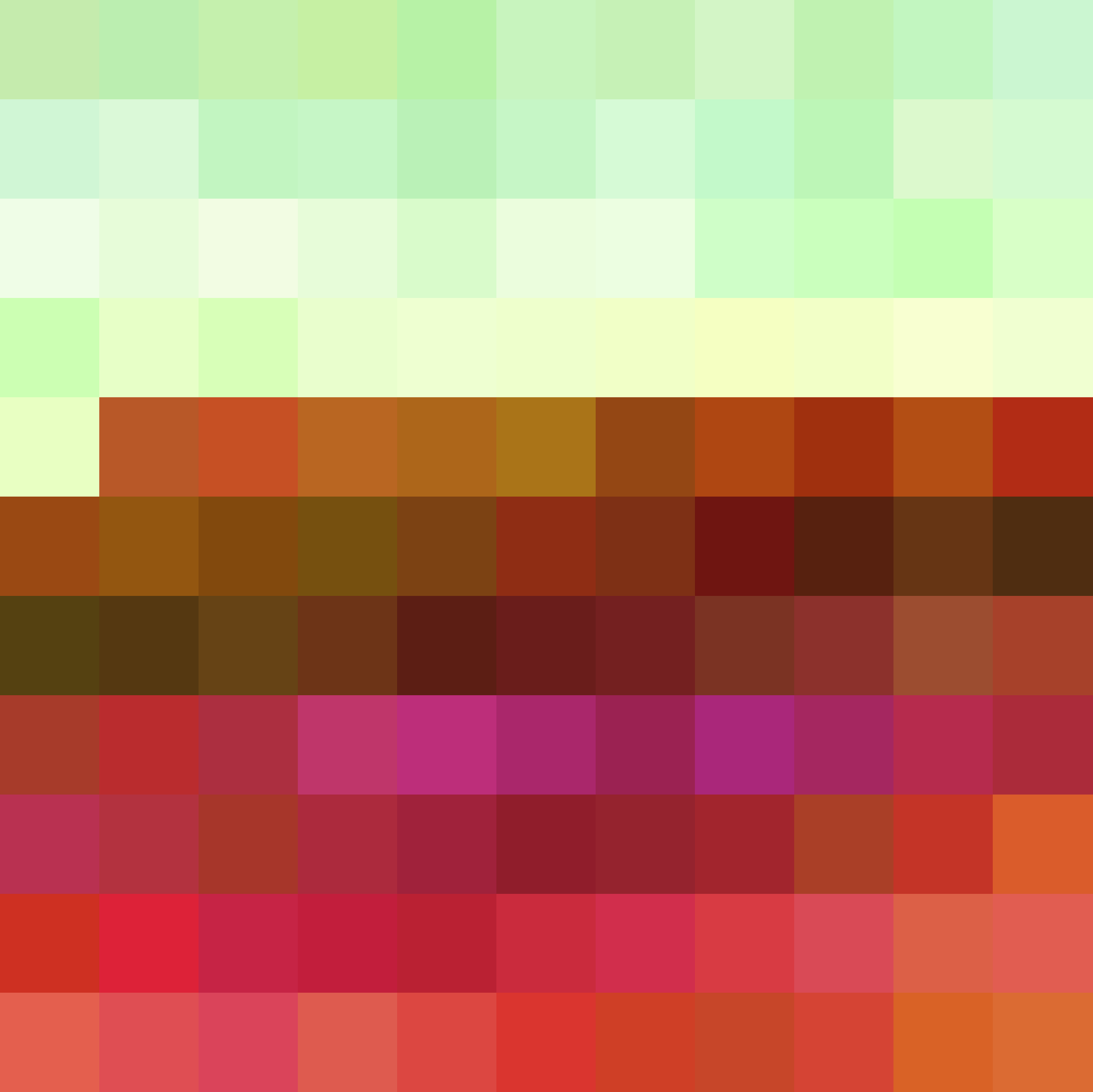
The colourful gradient in this 9 by 9 pixel grid is mostly yellow, and it also has quite some orange, quite some green, a bit of lime, and a tiny bit of red in it.

The gradient in this 5 by 5 pixel grid is mostly blue, but it also has quite some indigo, some violet, and some purple in it.

There's a two tone pixel gradient in this 5 by 5 grid. It is mostly yellow, but it also has a lot of orange in it.

Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly red, but it also has quite some green, some orange, a tiny bit of lime, and a tiny bit of yellow in it.
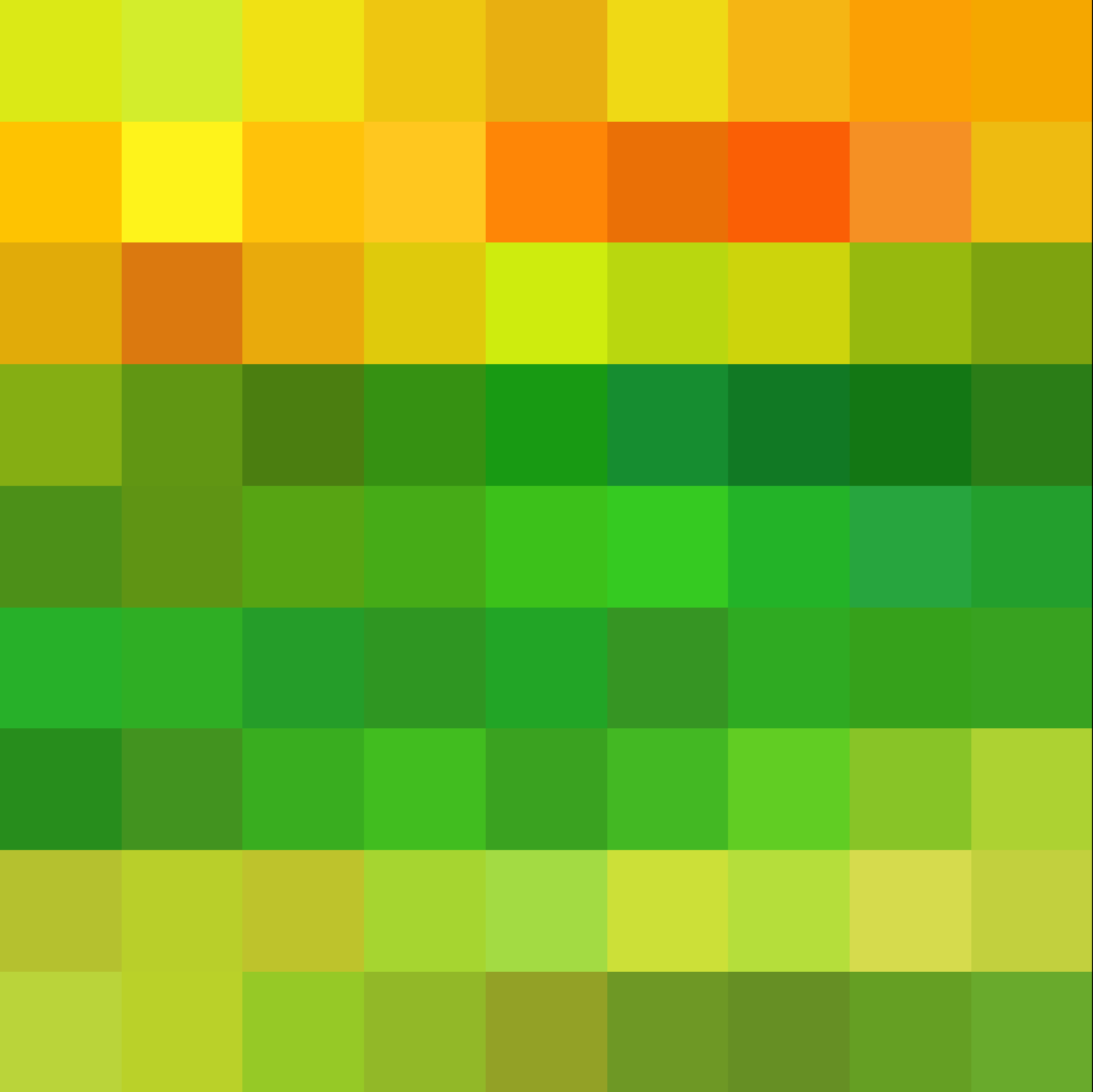
This gradient, generated in this 9 by 9 pixel grid, is mostly green, and it also has quite some yellow, some orange, and a bit of lime in it.

A grid of 64 blocks. It's mostly magenta, but it also has some rose, a little bit of purple, and a little bit of red in it.
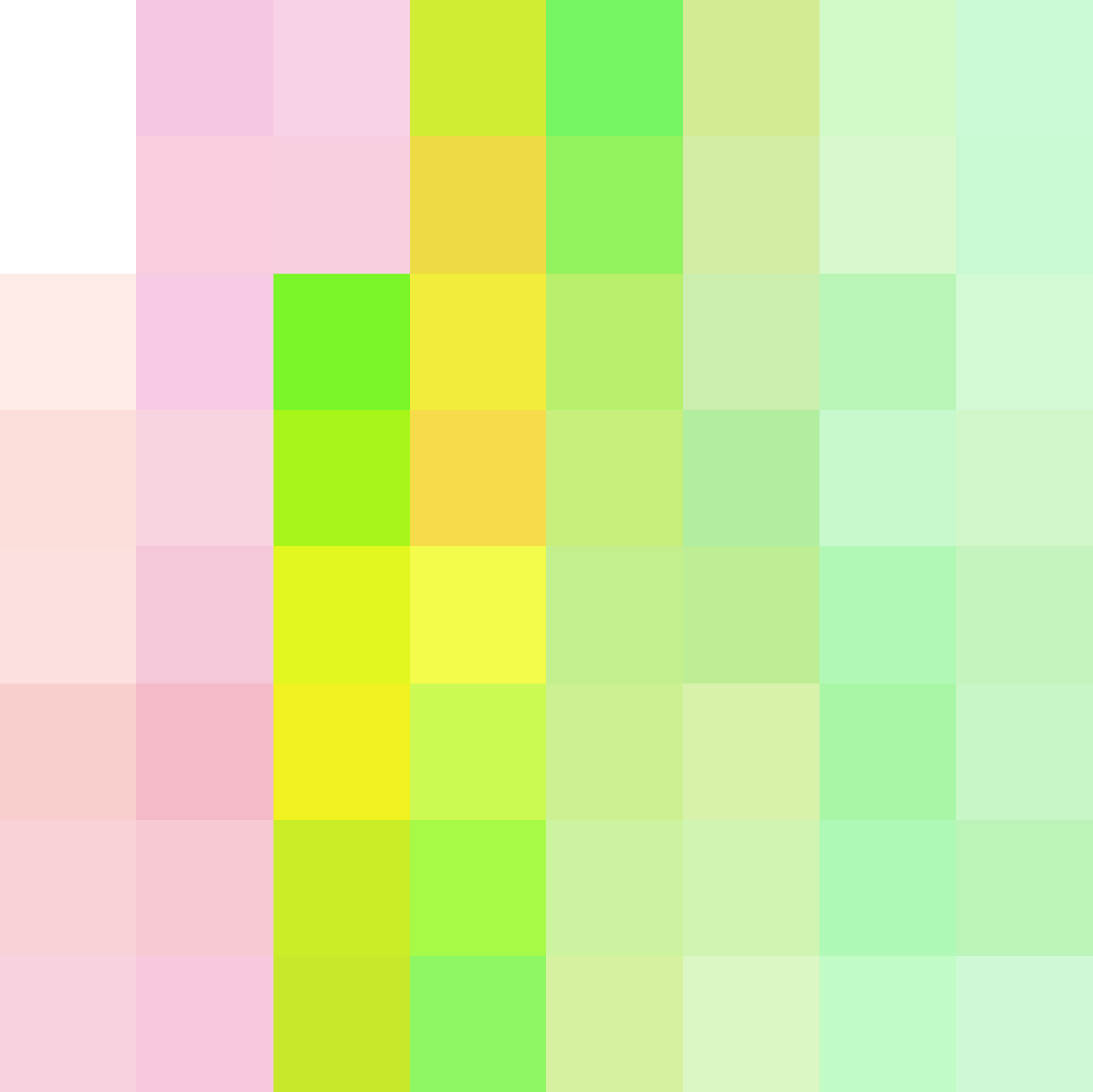
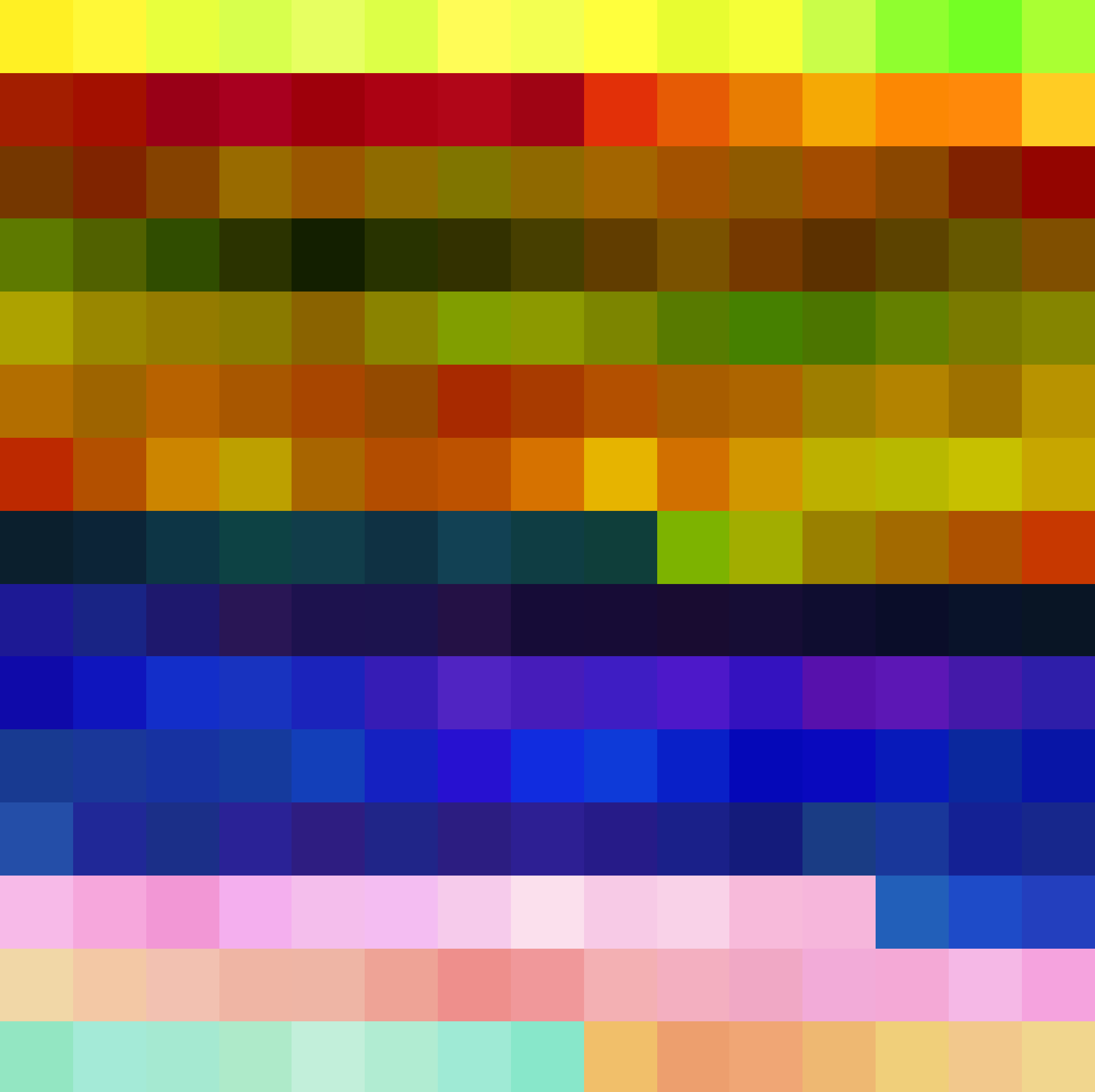A grid with 64 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some red, some yellow, and a little bit of lime in it.
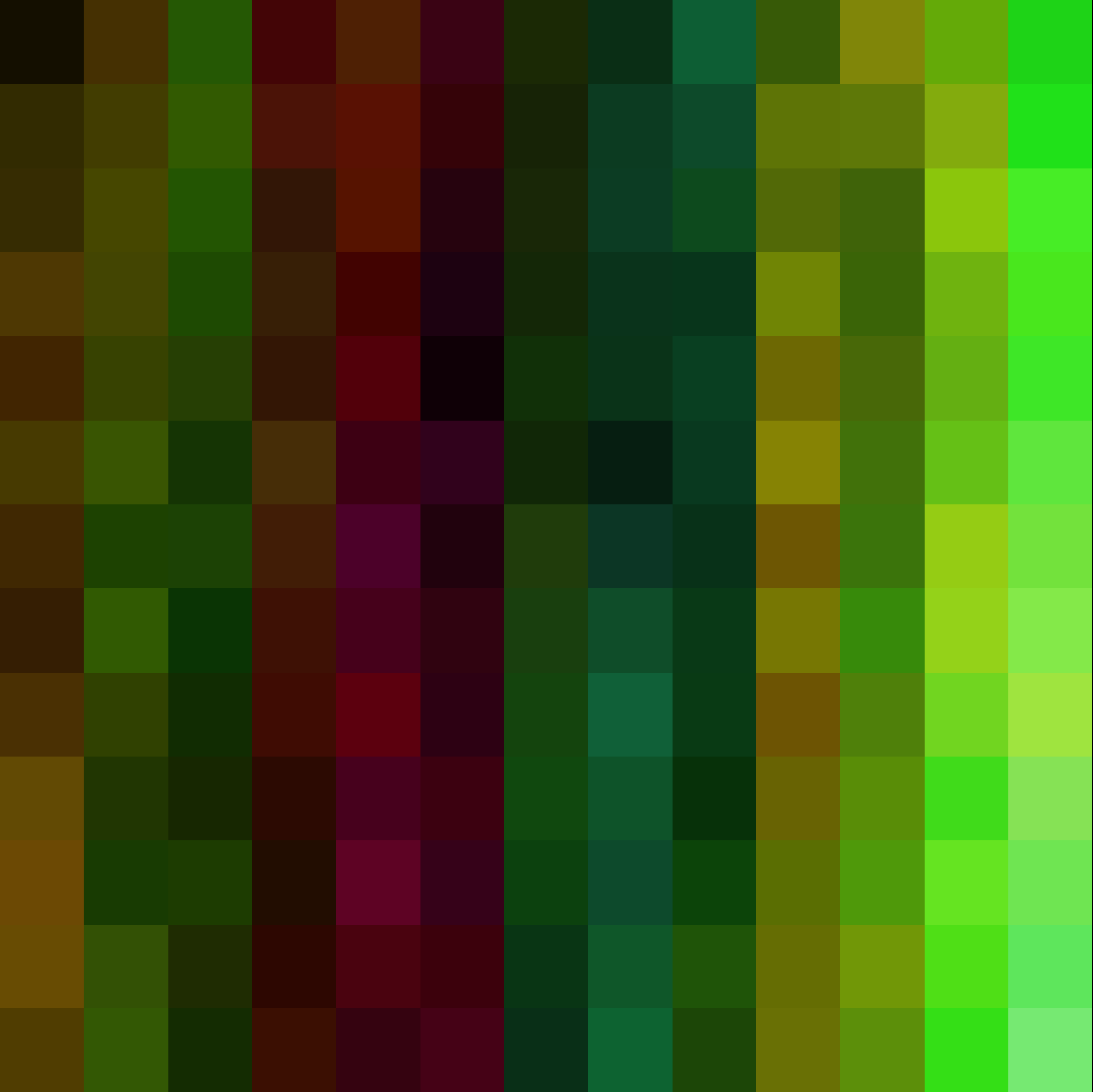
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some orange, a bit of yellow, a bit of red, a bit of rose, and a little bit of lime in it.
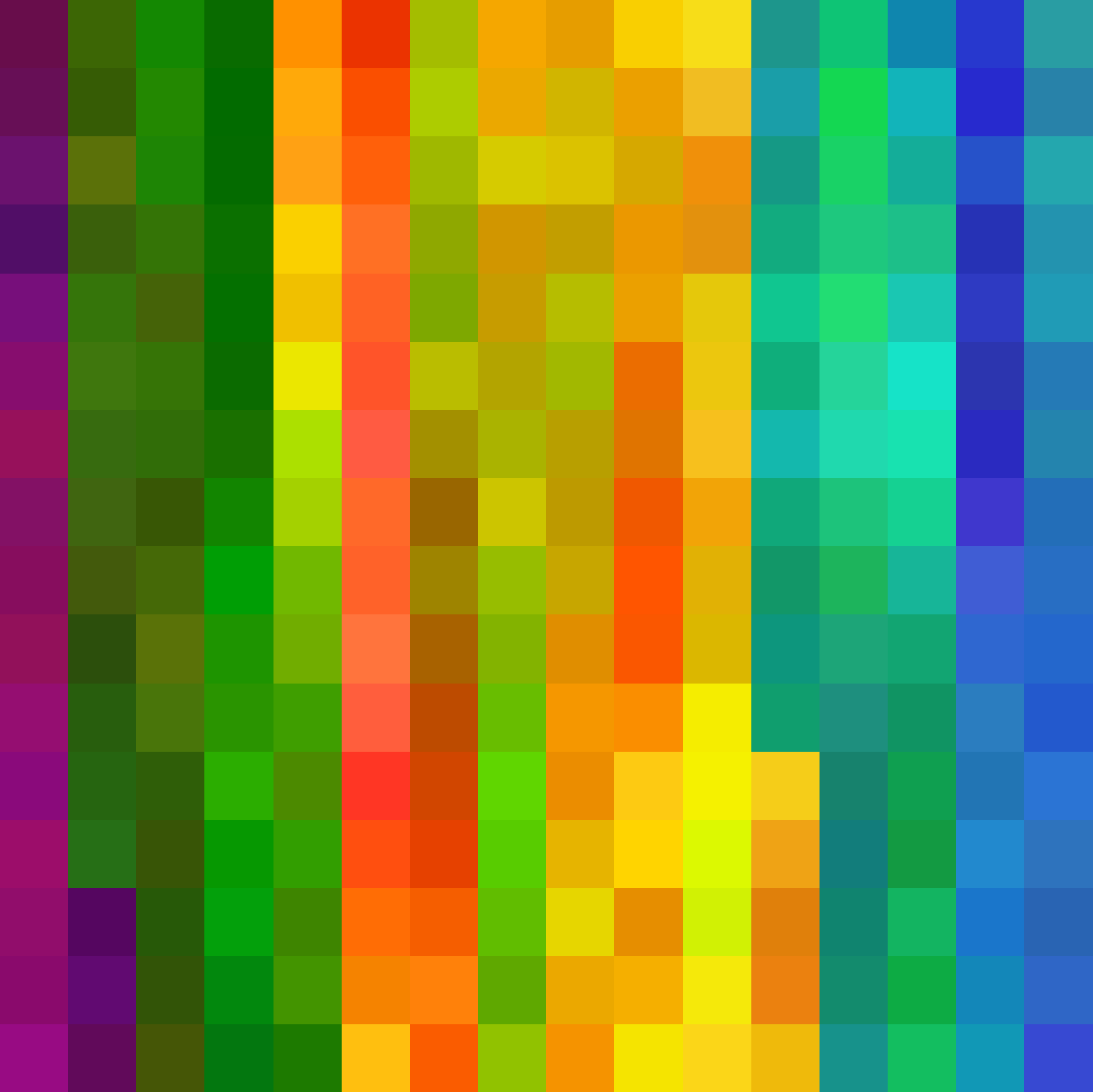
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has quite some orange, some yellow, some blue, a bit of cyan, a little bit of magenta, a little bit of lime, a tiny bit of red, a tiny bit of purple, a tiny bit of rose, and a tiny bit of indigo in it.
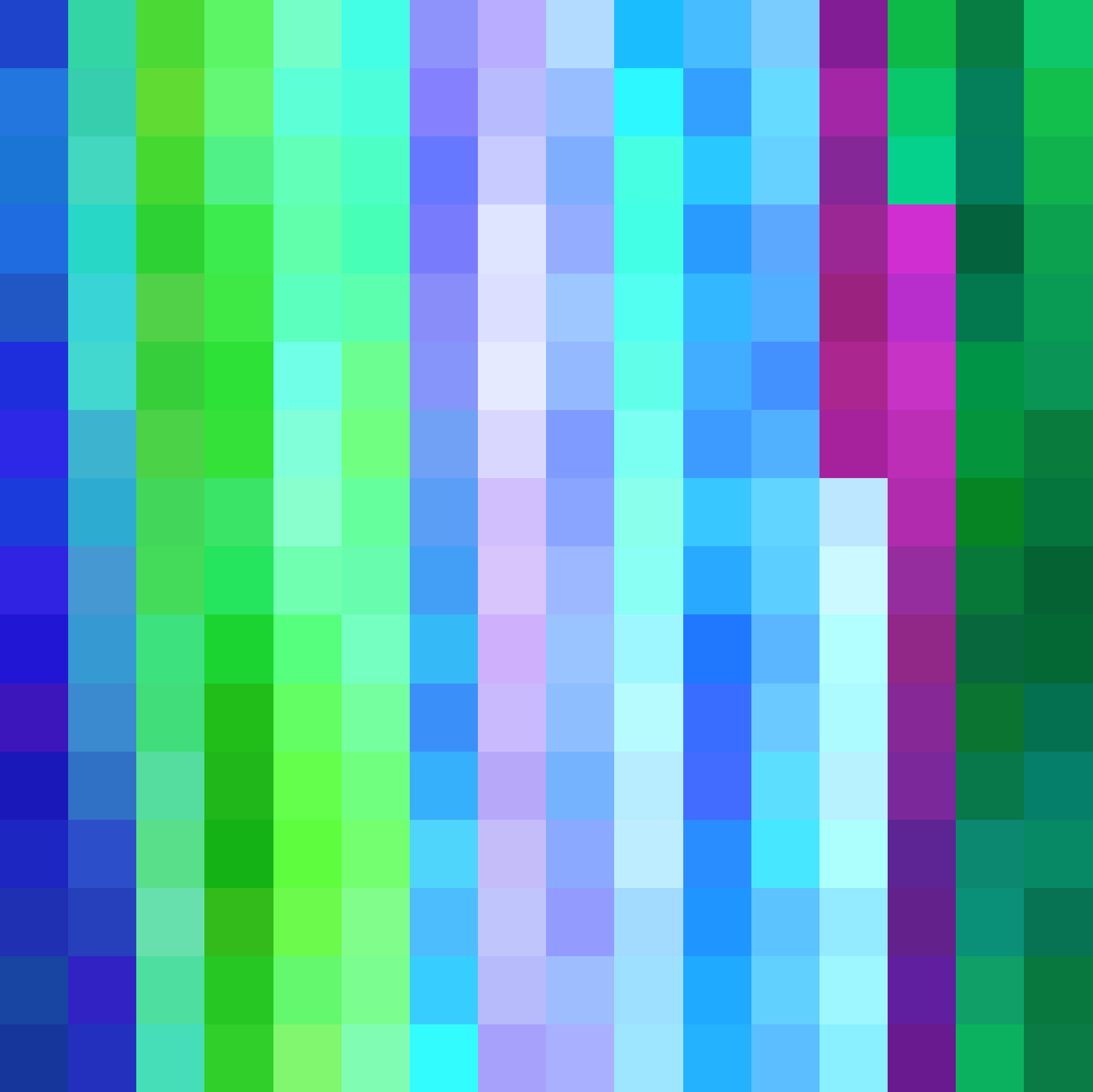
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, and it also has some blue, some yellow, some indigo, a bit of red, a little bit of green, a little bit of magenta, a little bit of lime, a tiny bit of cyan, a tiny bit of violet, and a tiny bit of rose in it.

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

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

A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has quite some green, some cyan, a little bit of indigo, a little bit of magenta, a tiny bit of purple, and a tiny bit of violet in it.

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