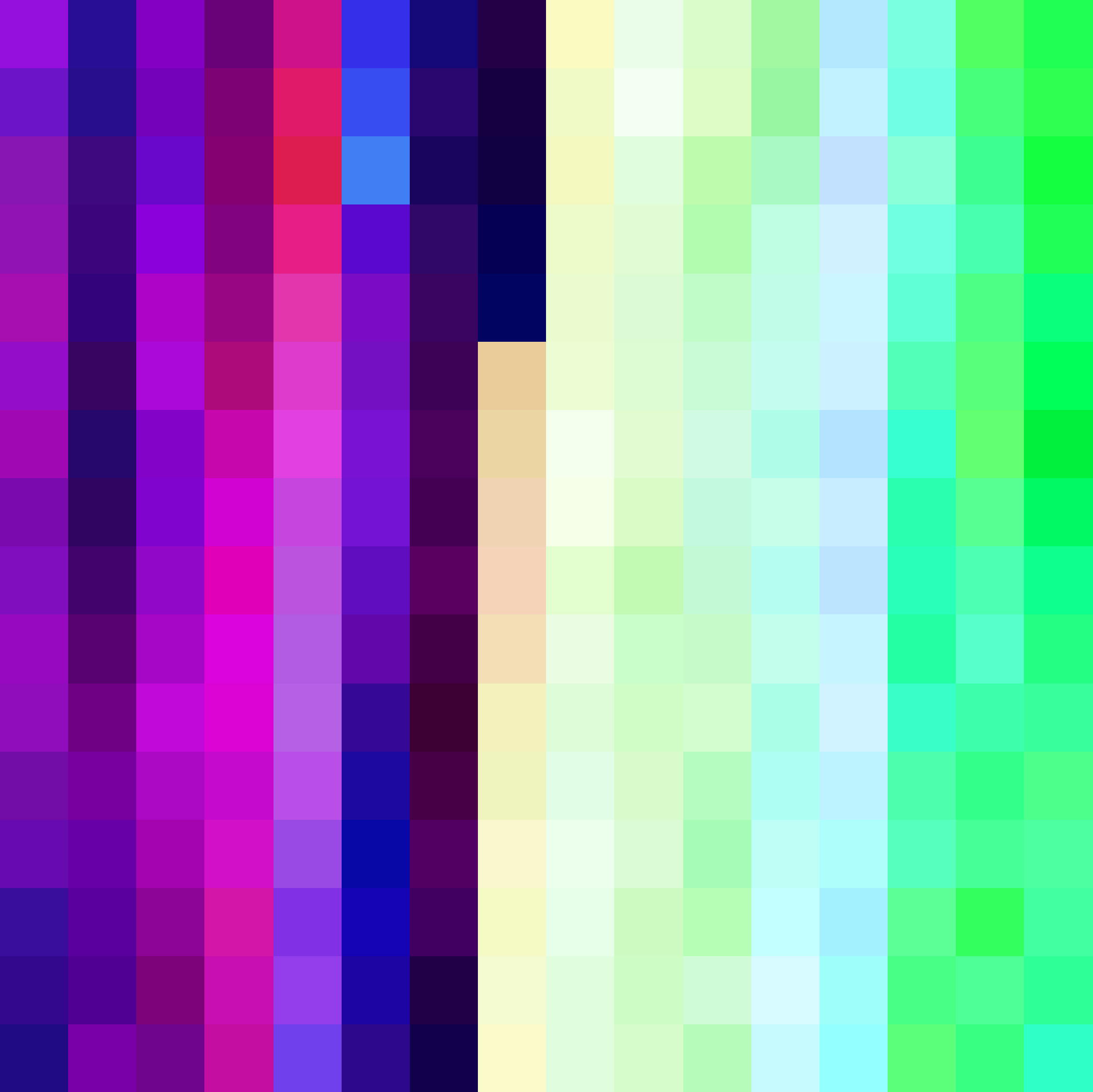# 100 random pixel gradients
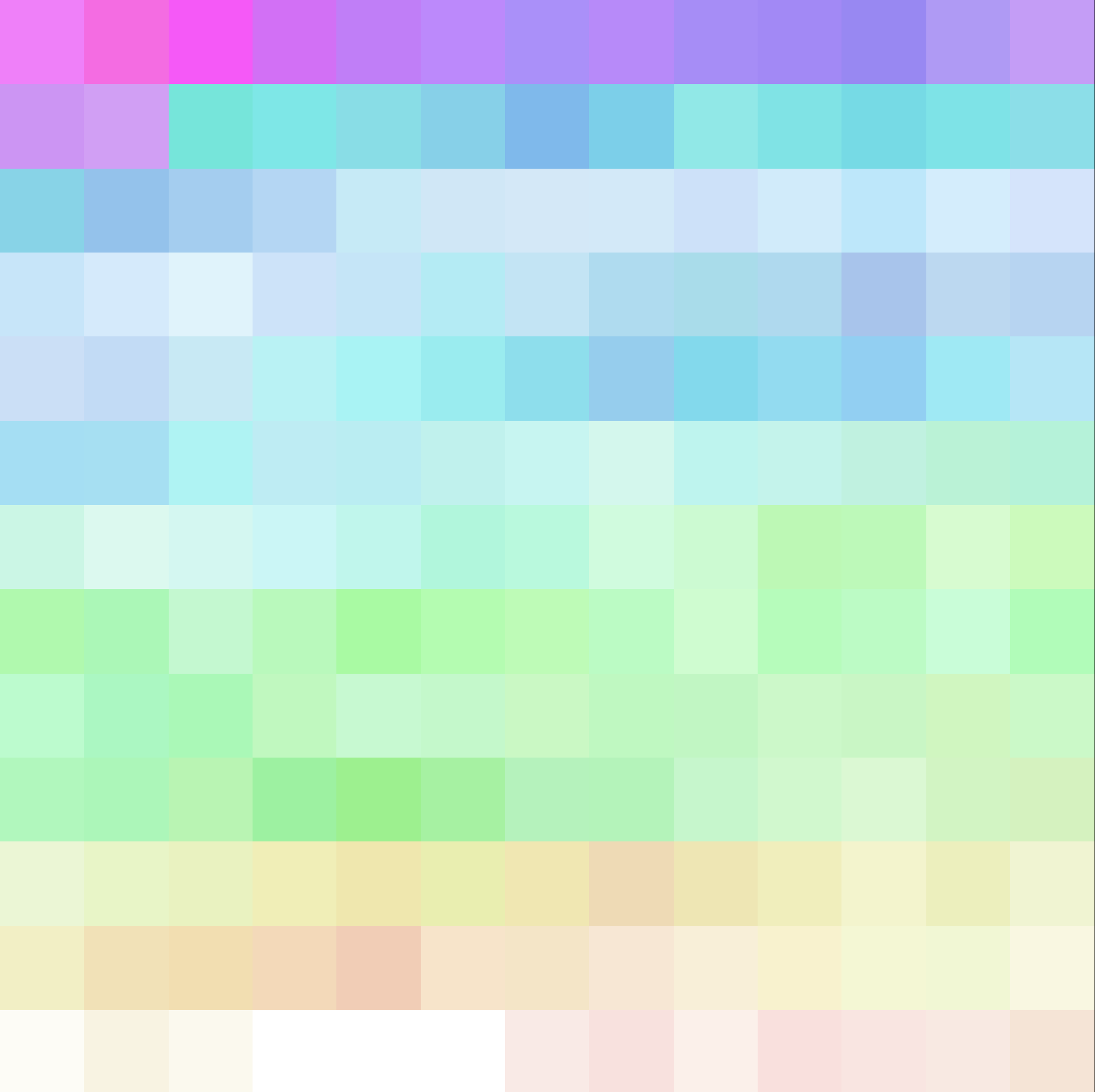
Vasilis van Gemert – 24-07-2022

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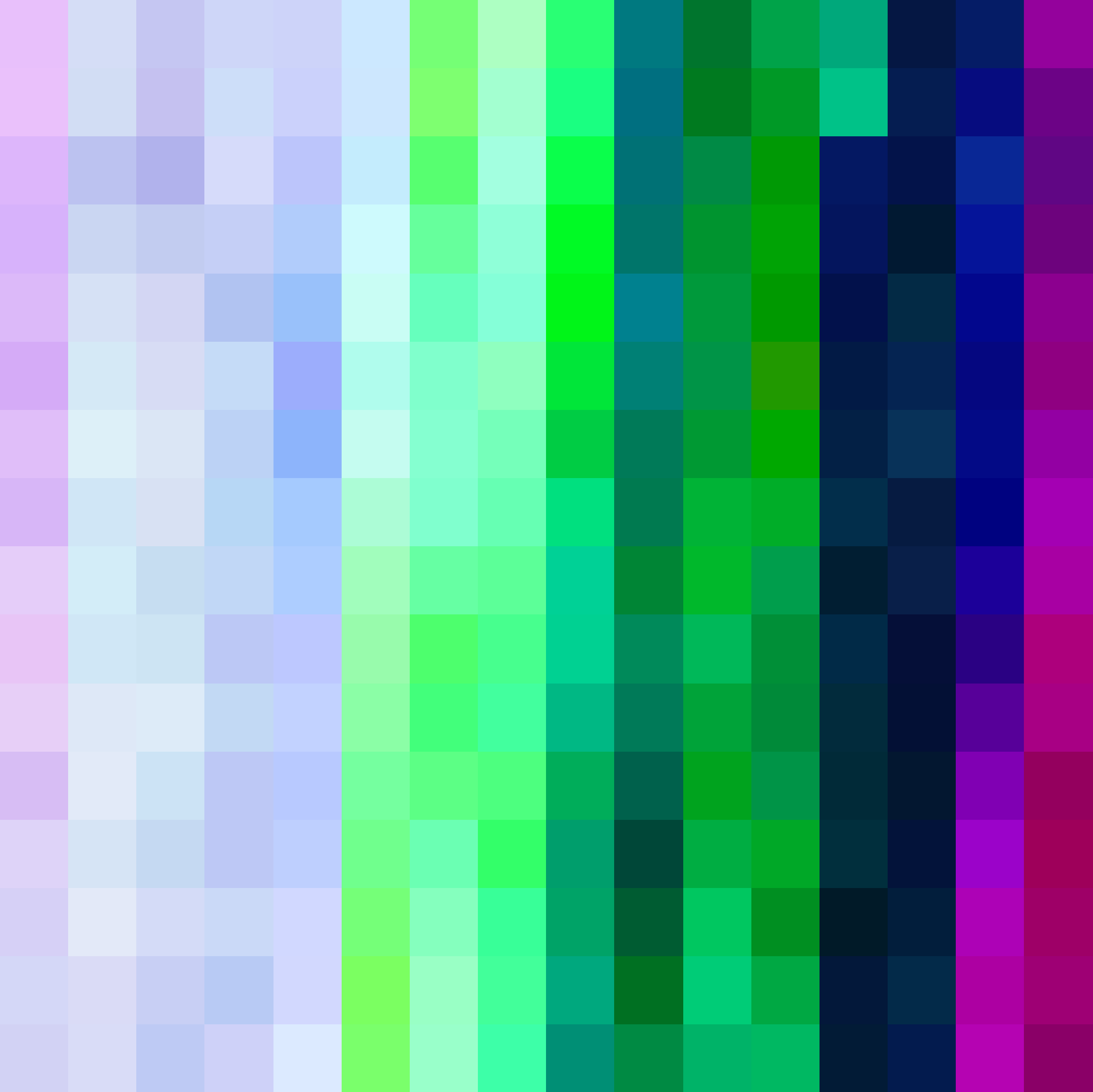
This pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, but it also has a bit of purple, a little bit of yellow, and a tiny bit of lime in it.

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has quite some blue, some cyan, a bit of yellow, a bit of orange, a little bit of indigo, a tiny bit of purple, a tiny bit of red, a tiny bit of magenta, a tiny bit of violet, and a tiny bit of lime in it.
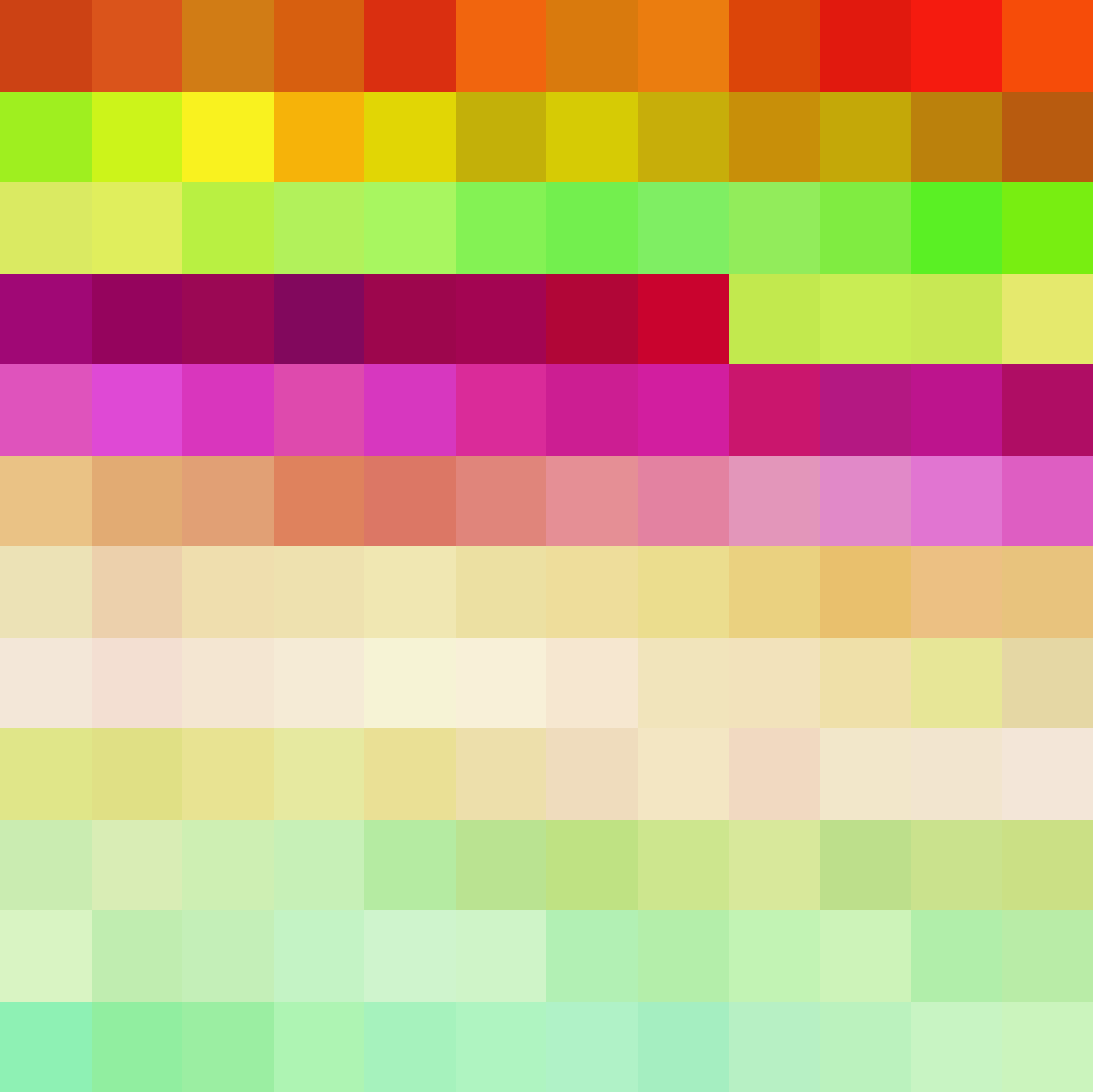
The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly red, but it also has quite some green, some yellow, some rose, some magenta, a bit of orange, a little bit of lime, and a tiny bit of purple in it.
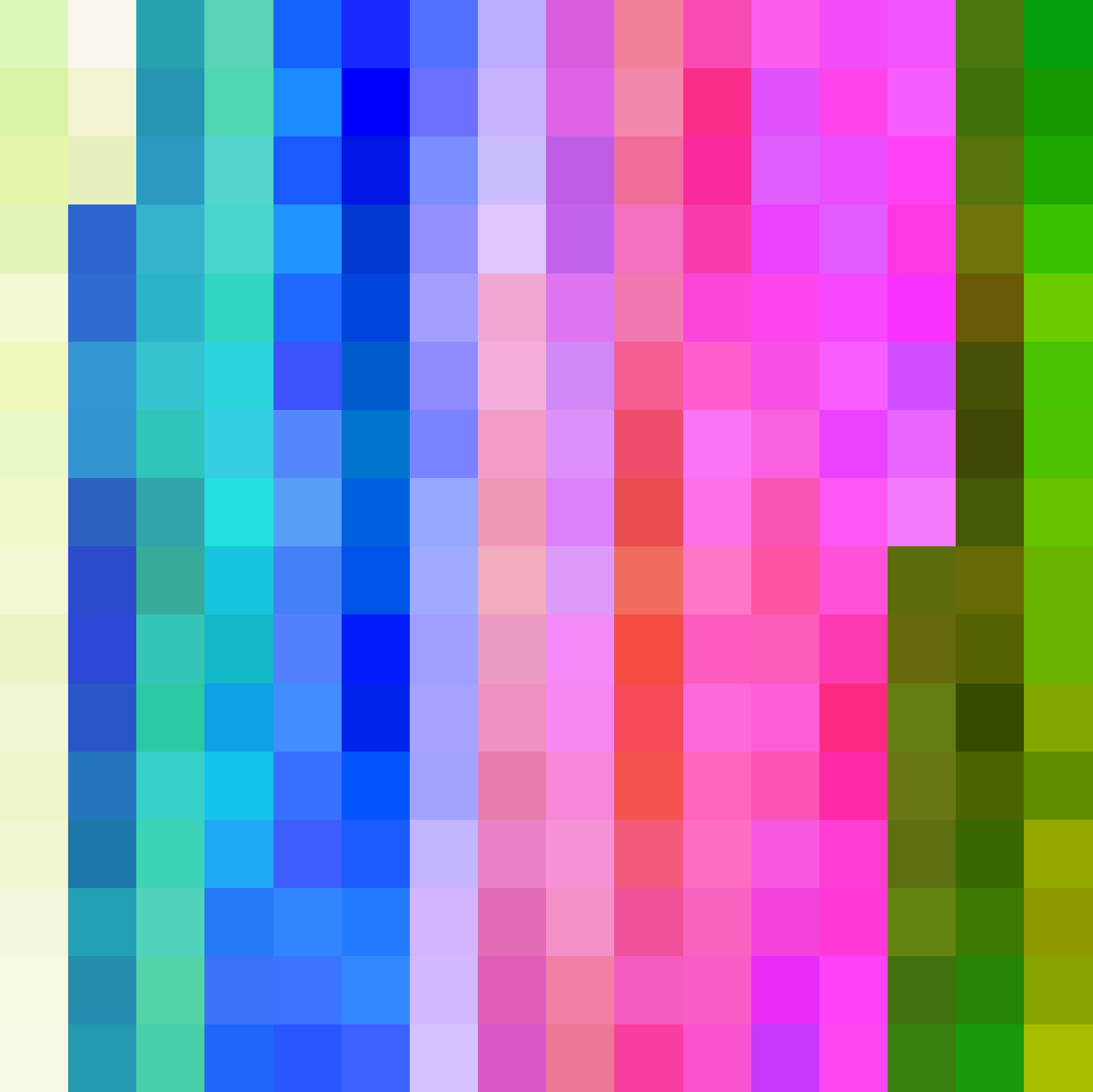
Here's a 16 by 16 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some green, a bit of magenta, a little bit of purple, a little bit of cyan, a tiny bit of indigo, and a tiny bit of violet in it.

A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has some magenta, some purple, a bit of rose, a bit of indigo, a bit of orange, a bit of violet, a tiny bit of blue, and a tiny bit of yellow in it.
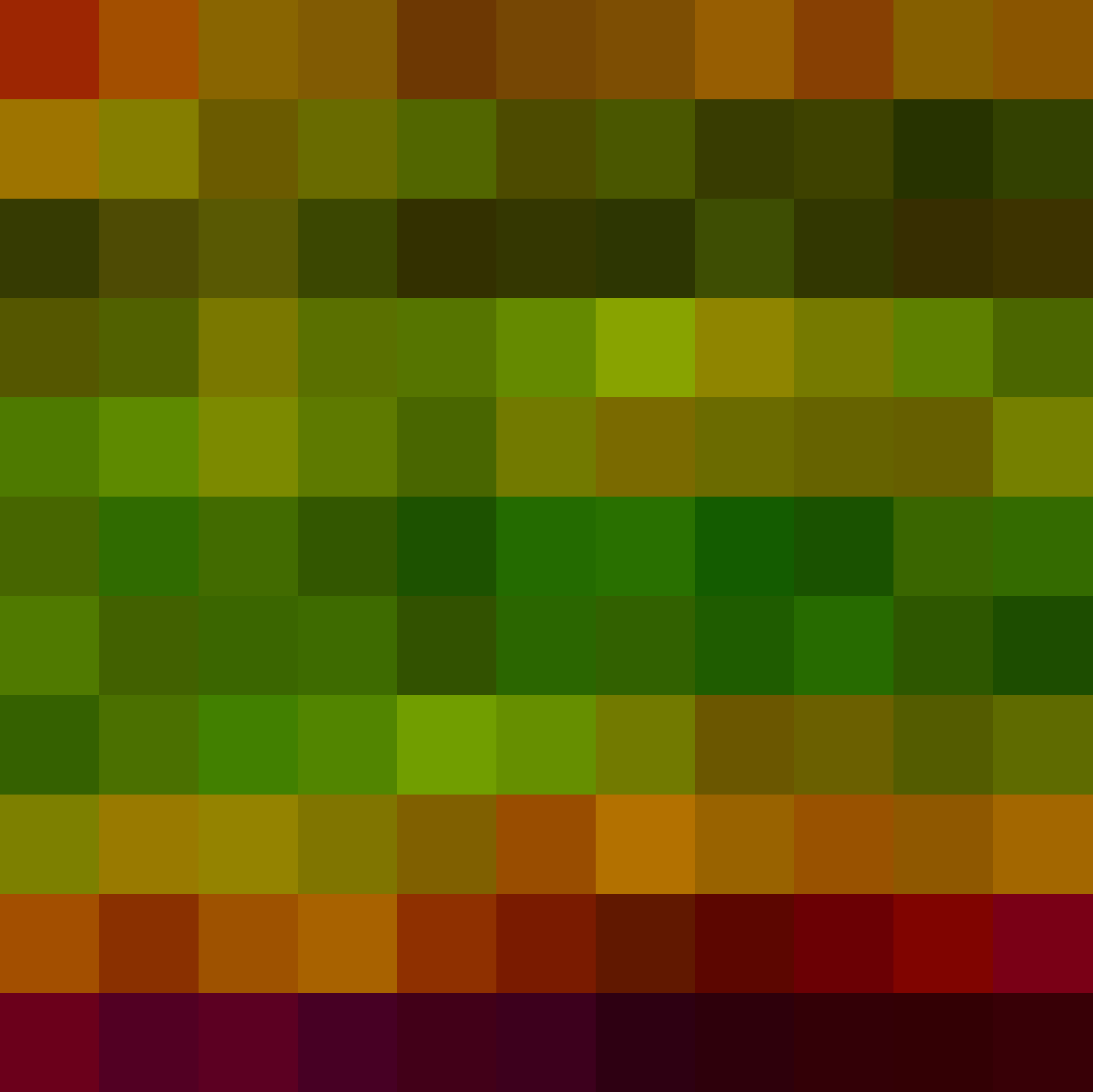
A very colourful grid of 144 blocks. It's mostly green, and it also has quite some orange, some yellow, some magenta, a little bit of lime, a little bit of red, and a little bit of rose in it.
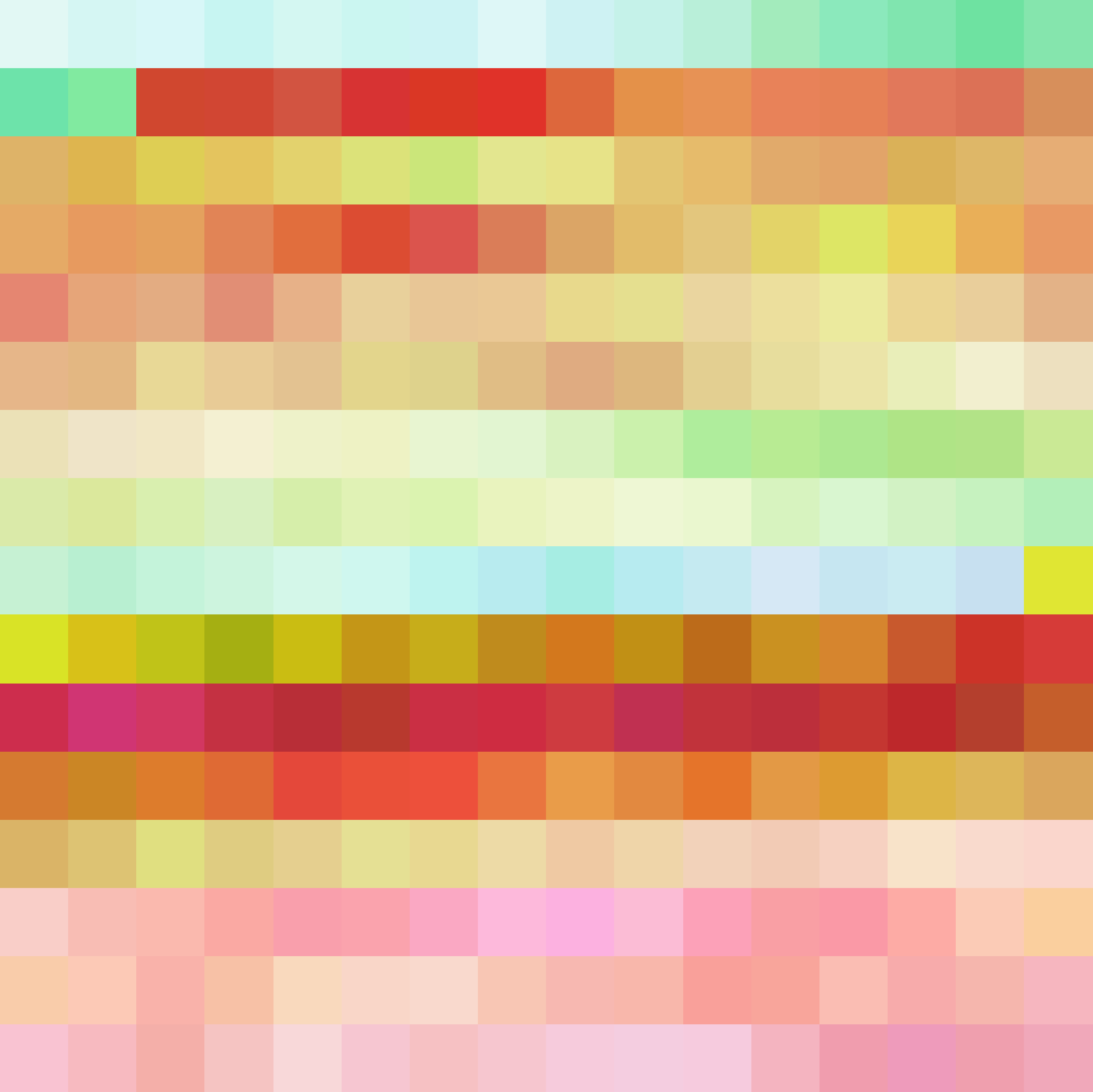
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly magenta, but it also has quite some blue, a bit of cyan, a bit of green, a bit of yellow, a bit of rose, a little bit of lime, a little bit of purple, a little bit of indigo, a little bit of red, and a tiny bit of violet in it.
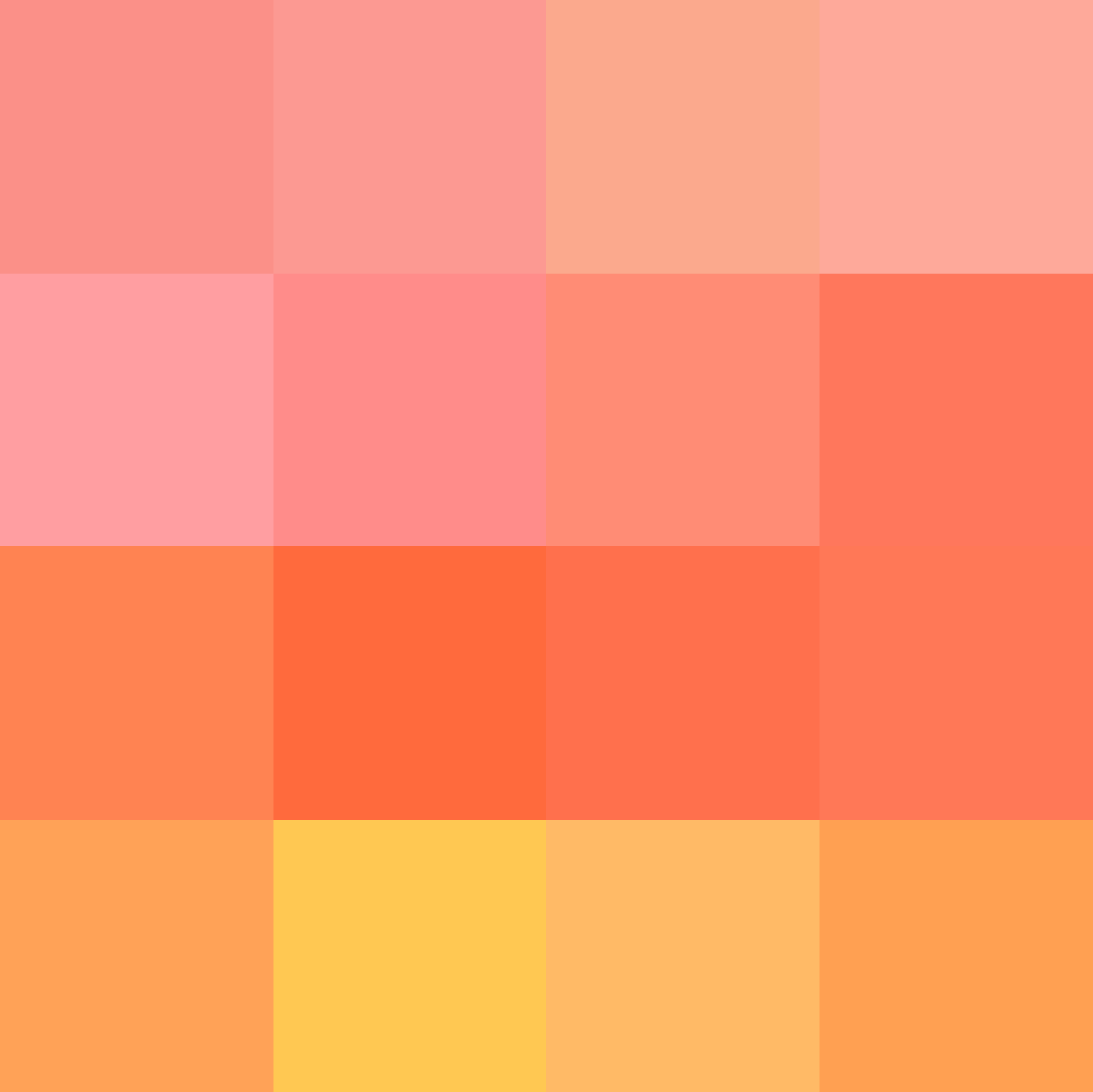
An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has quite some yellow, some lime, a bit of green, and a little bit of orange in it.

An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, but it also has quite some green, some orange, some red, and some lime in it.
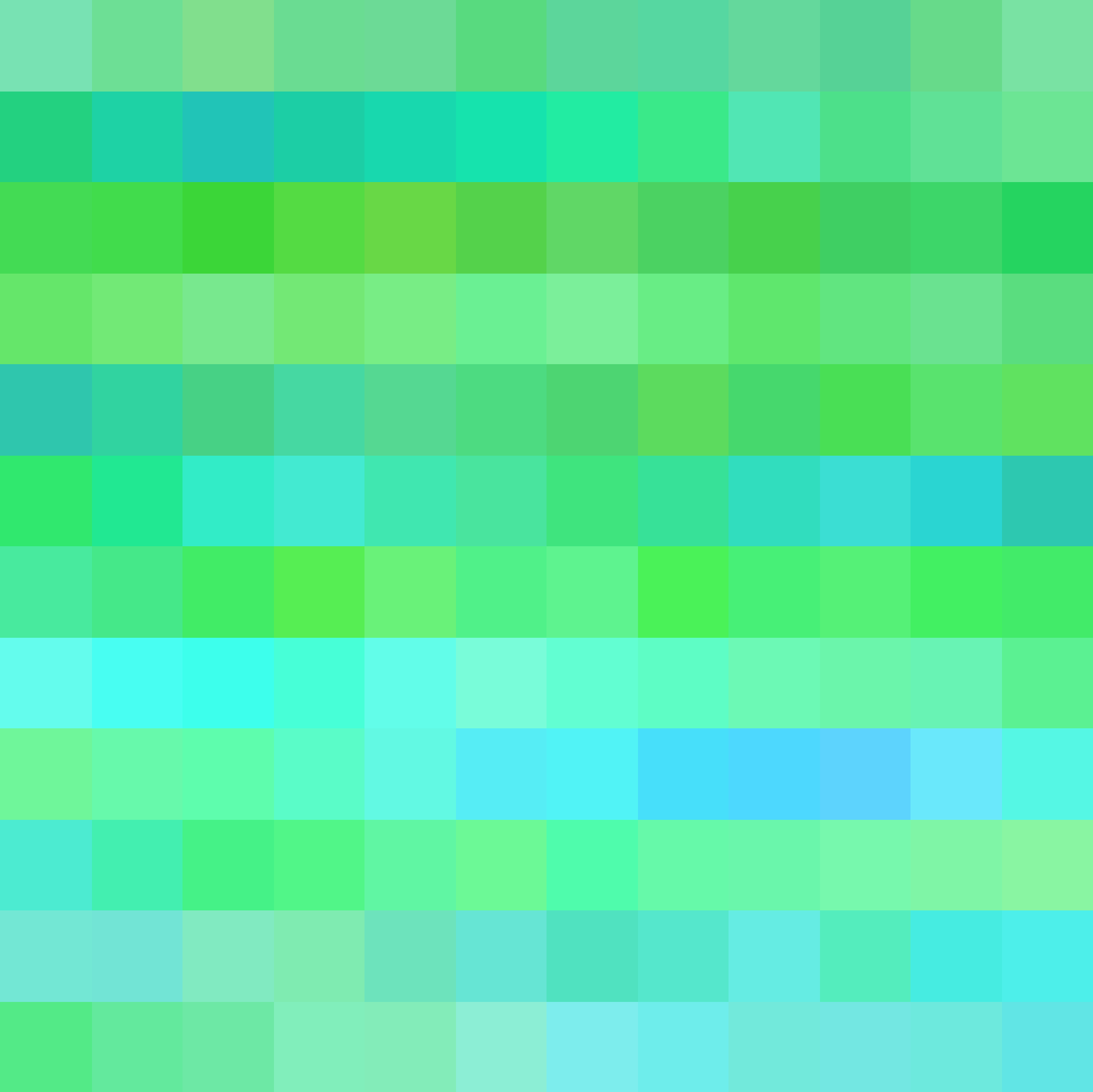
A very colourful grid of 256 blocks. It's mostly orange, and it also has quite some red, some yellow, some green, a bit of cyan, a tiny bit of lime, and a tiny bit of blue in it.
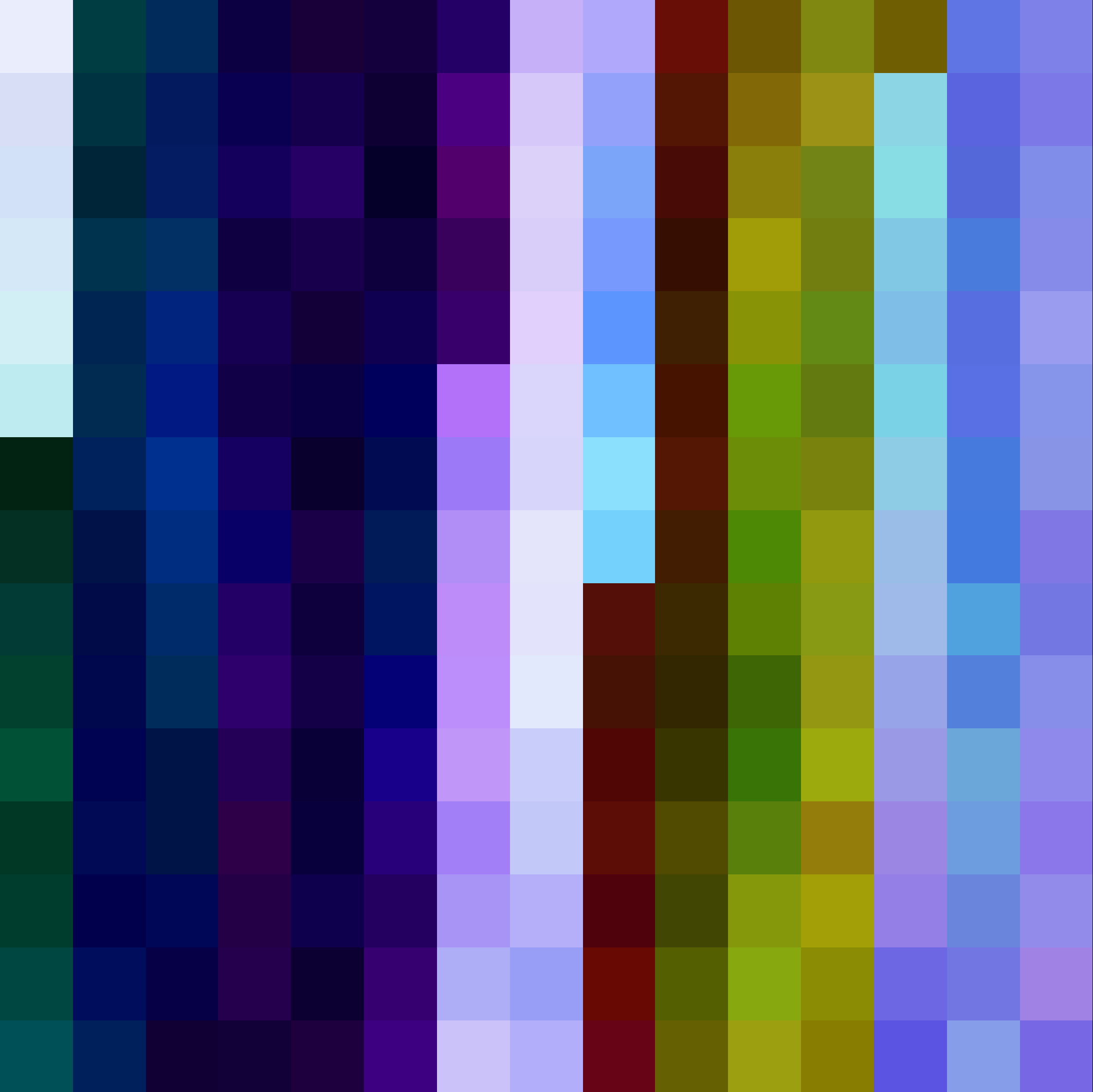
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has quite some orange in it.
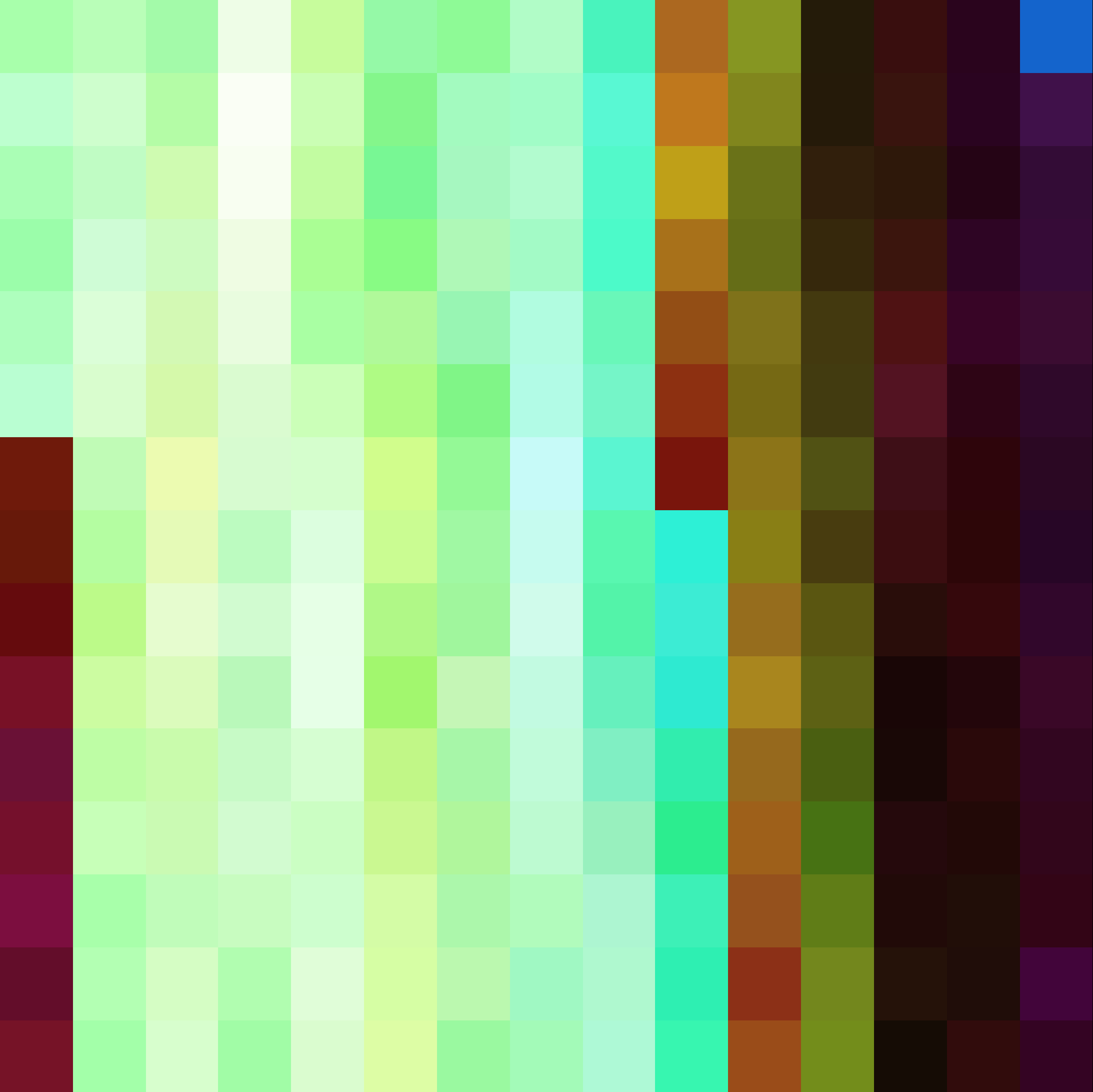
Here's a 10 by 10 pixelated grid that forms a very, very colourful gradient. It is mostly purple, but it also has quite some magenta, quite some yellow, a bit of orange, a bit of violet, a little bit of indigo, a tiny bit of rose, and a tiny bit of lime in it.
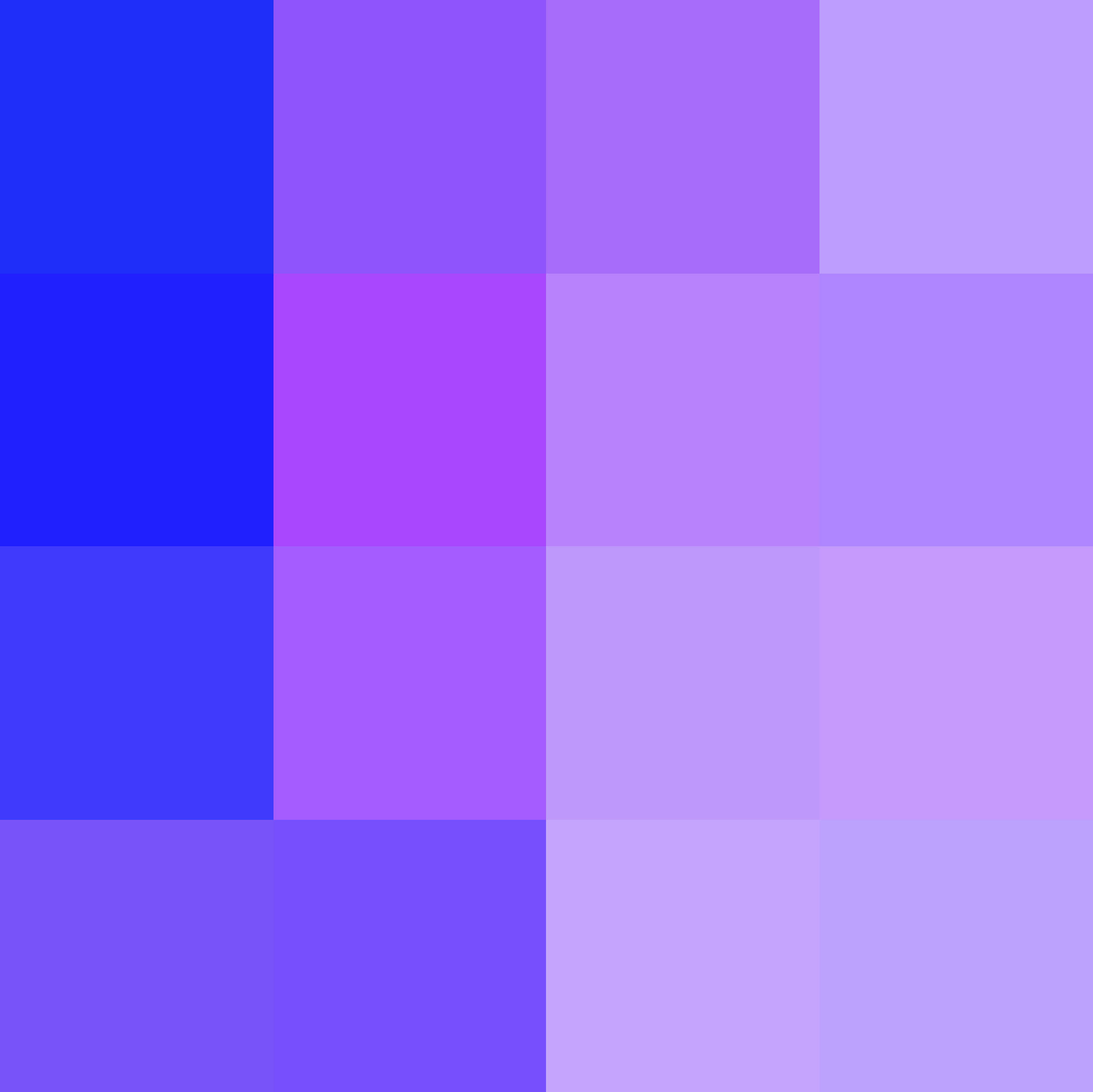
This pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has quite some cyan, and a tiny bit of blue in it.
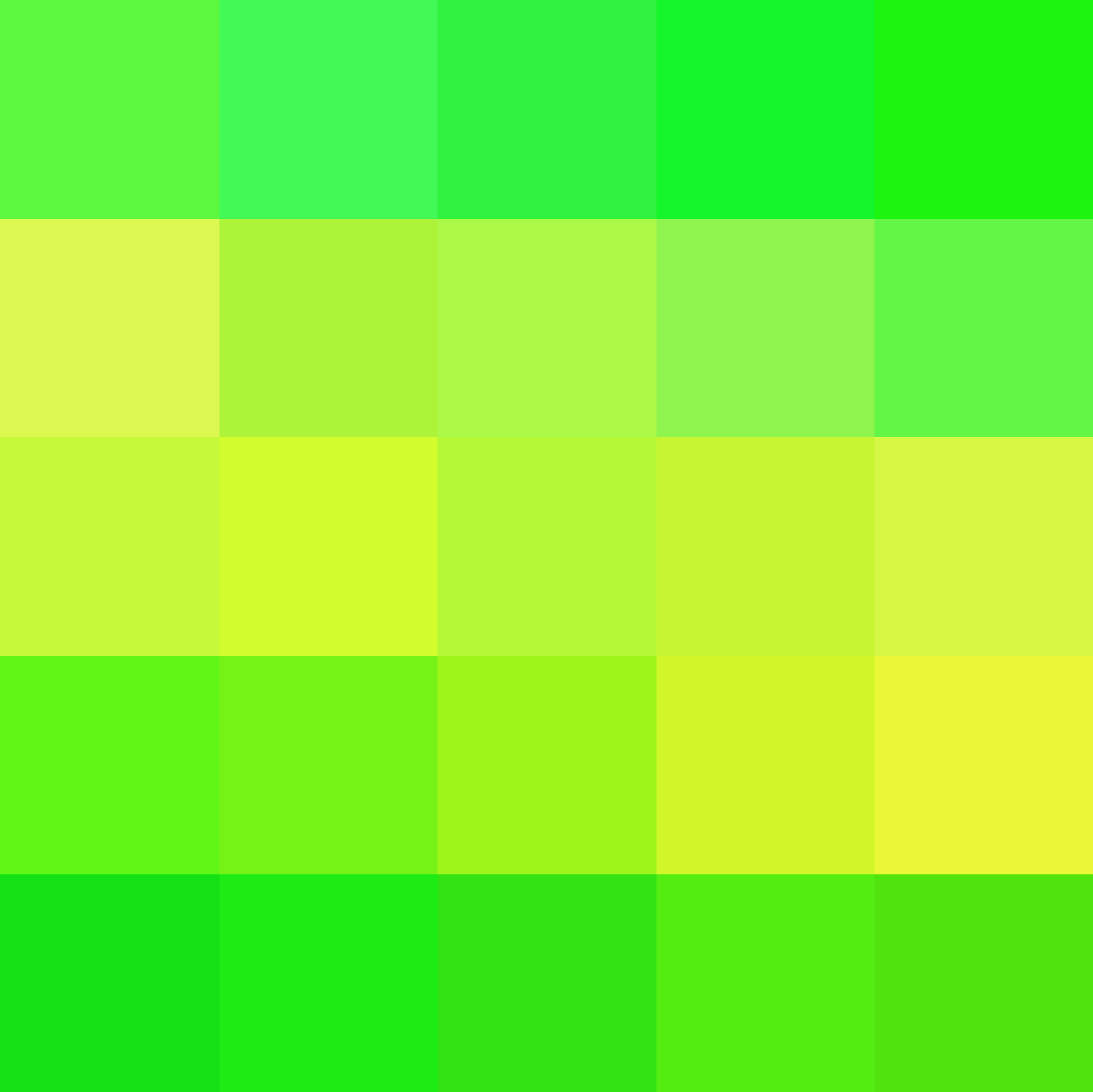
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some indigo, some yellow, a bit of violet, a little bit of red, a little bit of green, a little bit of cyan, a tiny bit of purple, a tiny bit of orange, and a tiny bit of lime in it.
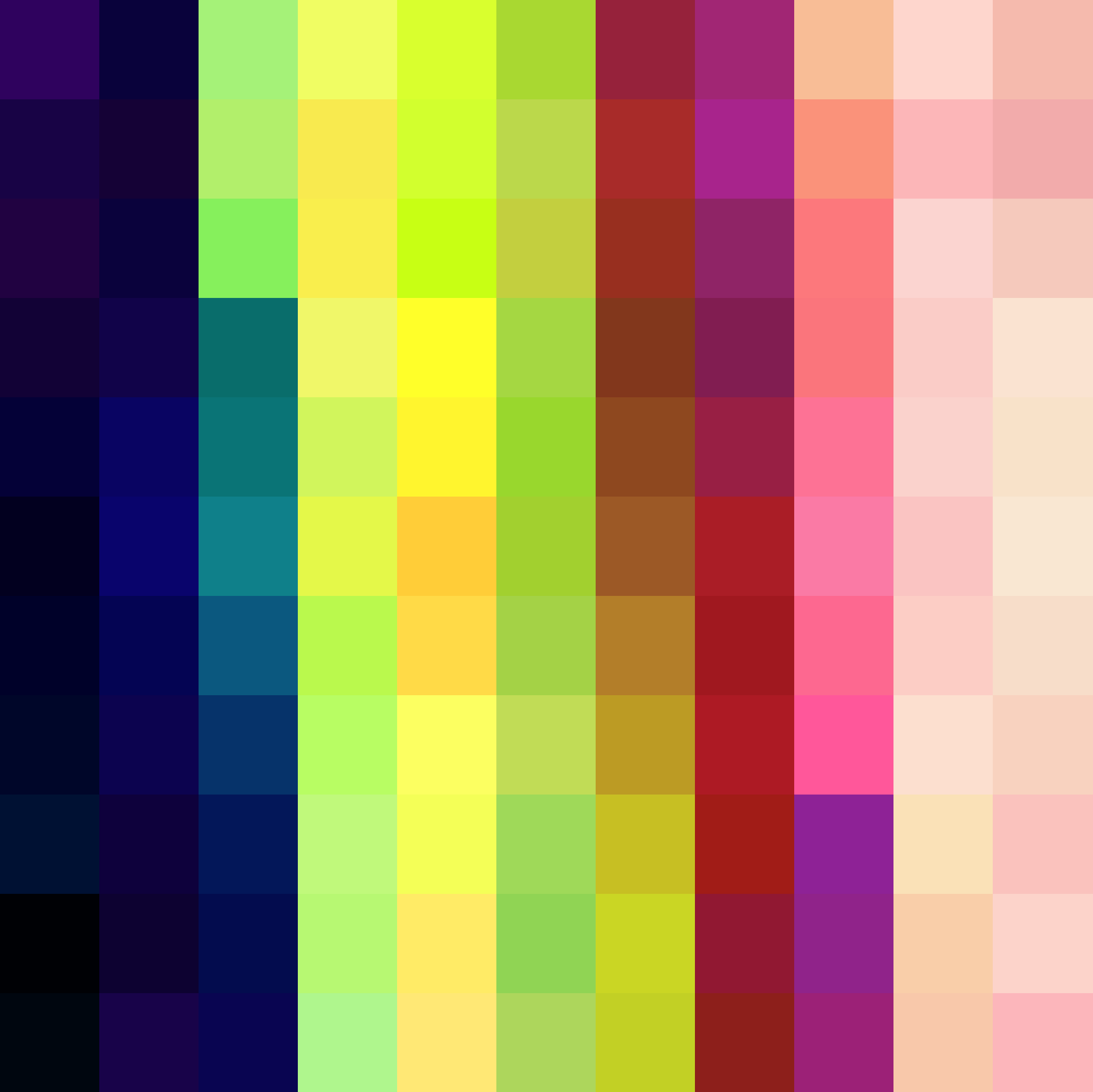
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, but it also has some red, a bit of orange, a bit of yellow, a little bit of magenta, a little bit of cyan, a little bit of rose, a little bit of lime, a tiny bit of purple, and a tiny bit of blue in it.

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

A grid of 25 blocks. It's mostly green, but it also has quite some lime, and a bit of yellow in it.
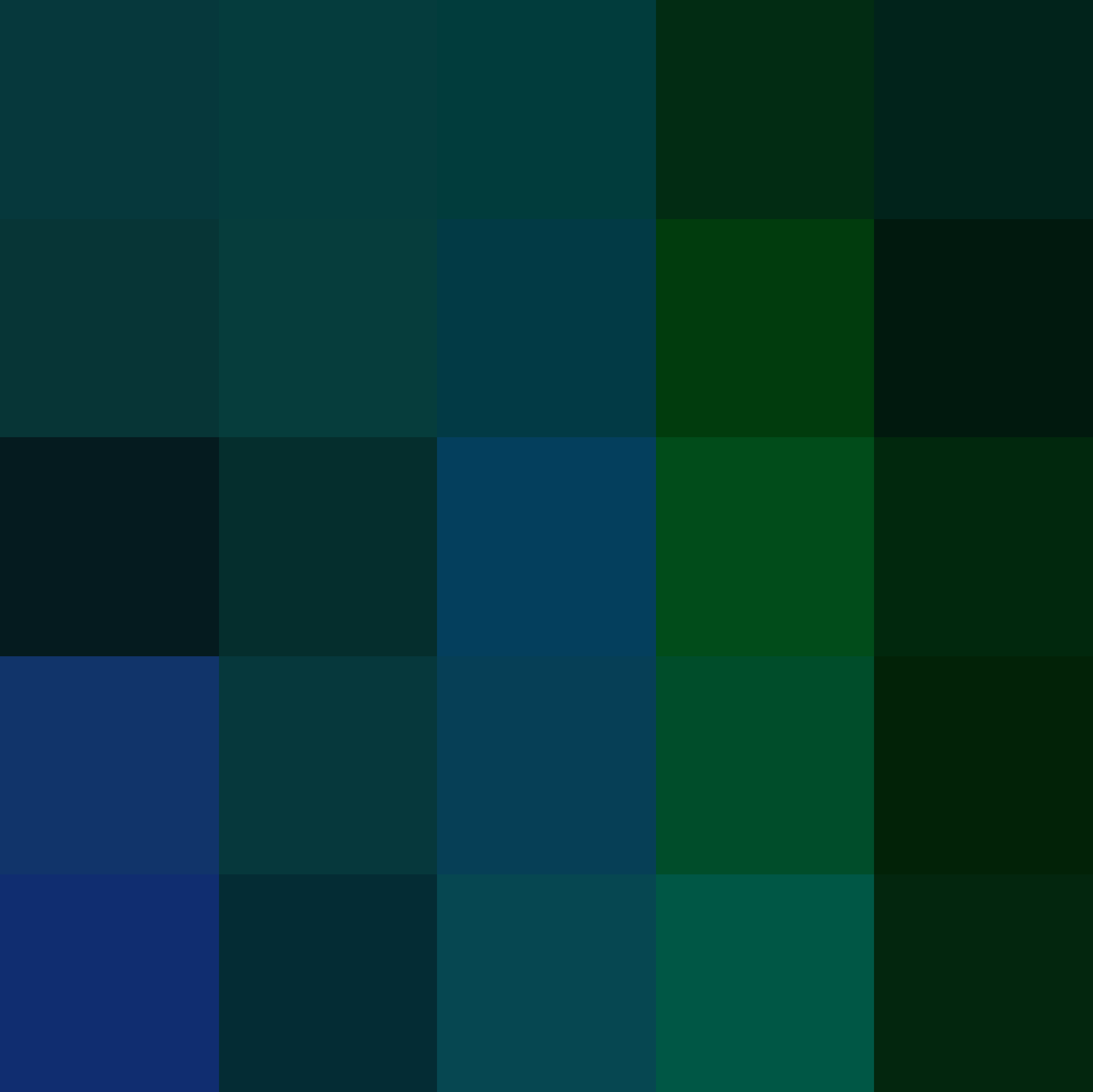
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly red, and it also has some yellow, some orange, some indigo, some green, a bit of blue, a bit of lime, a tiny bit of violet, a tiny bit of cyan, and a tiny bit of rose in it.
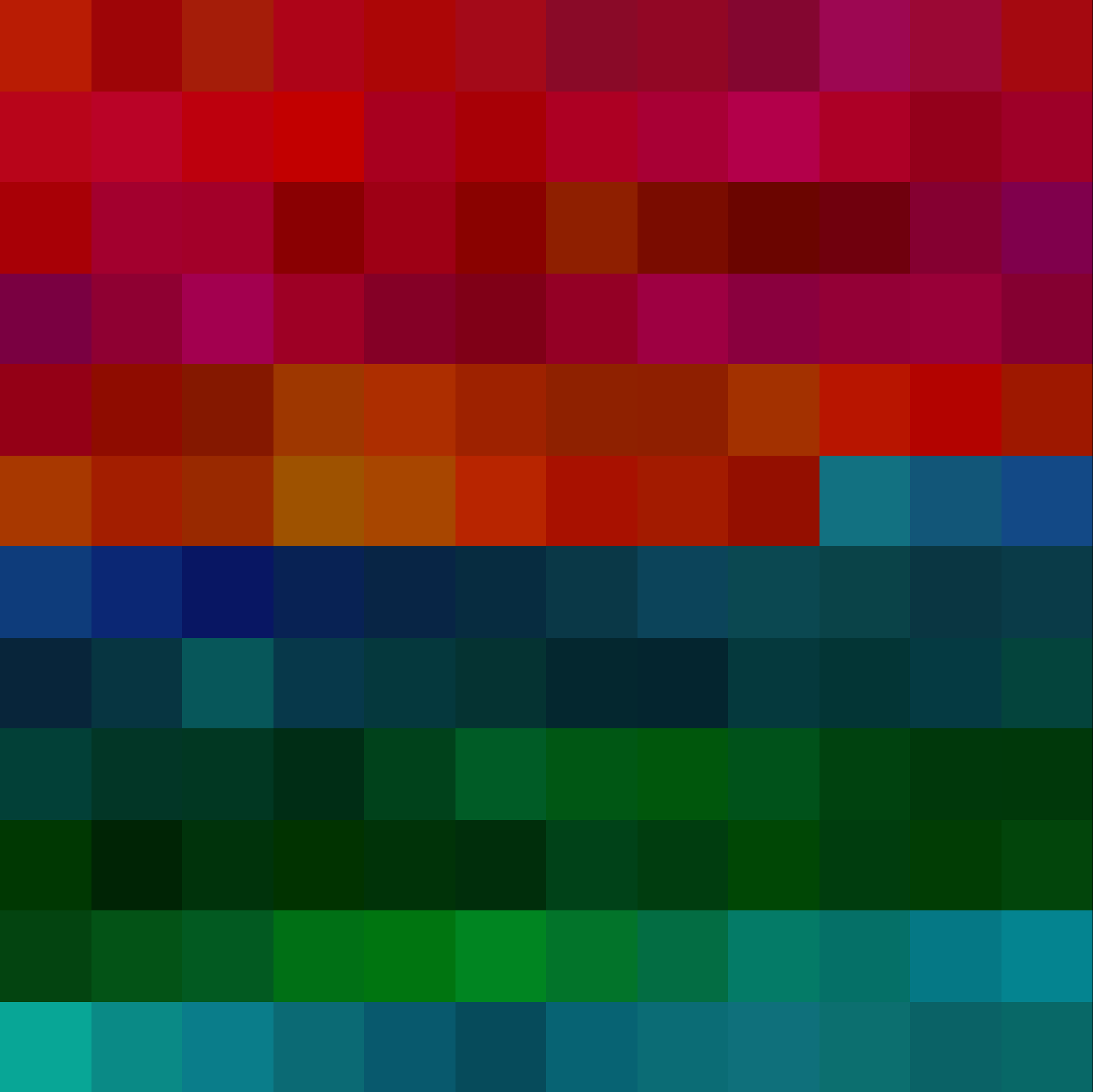
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some blue, some lime, and some cyan in it.
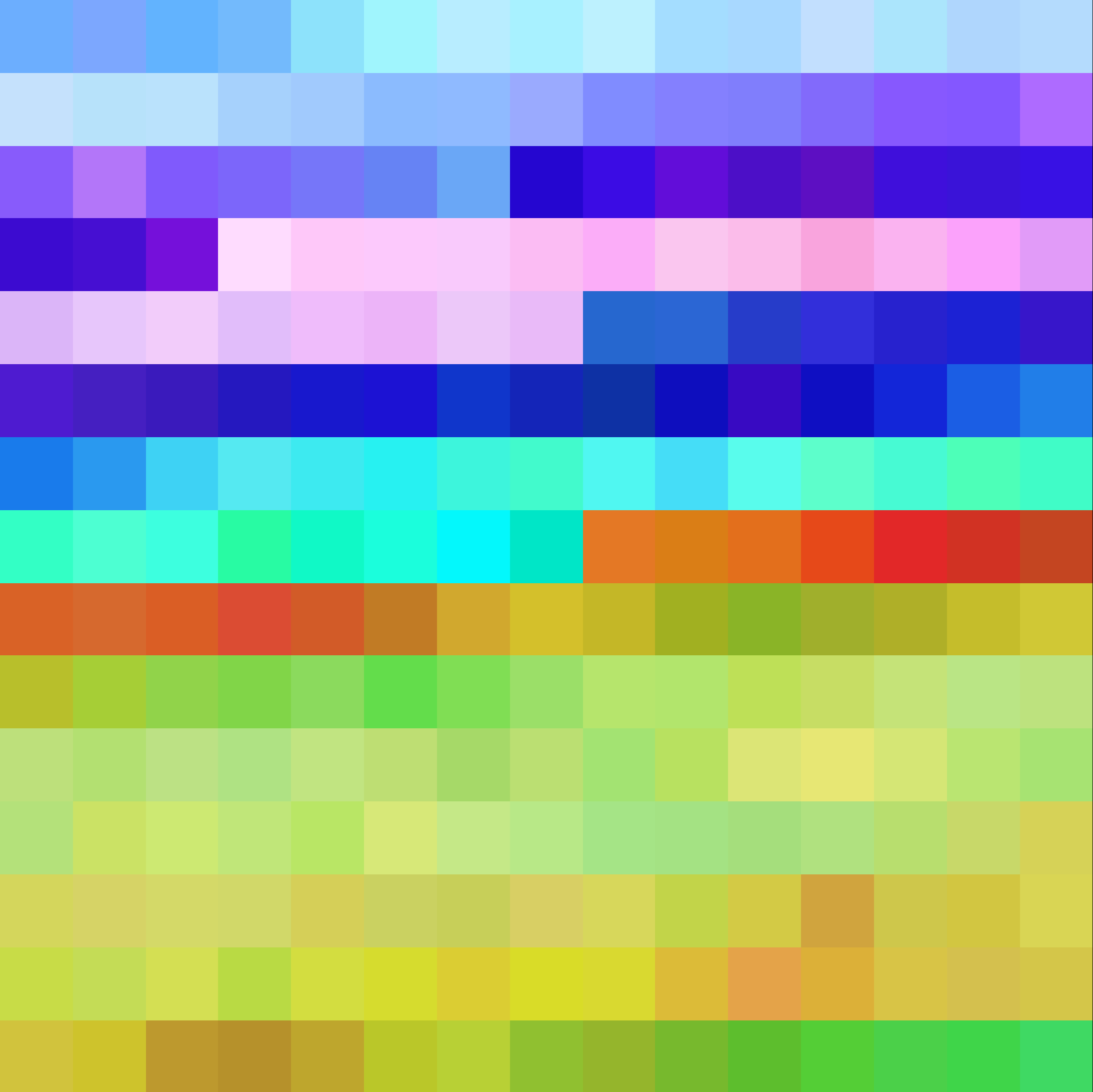
This colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly magenta, and it also has quite some rose, some red, a little bit of purple, and a tiny bit of orange in it.
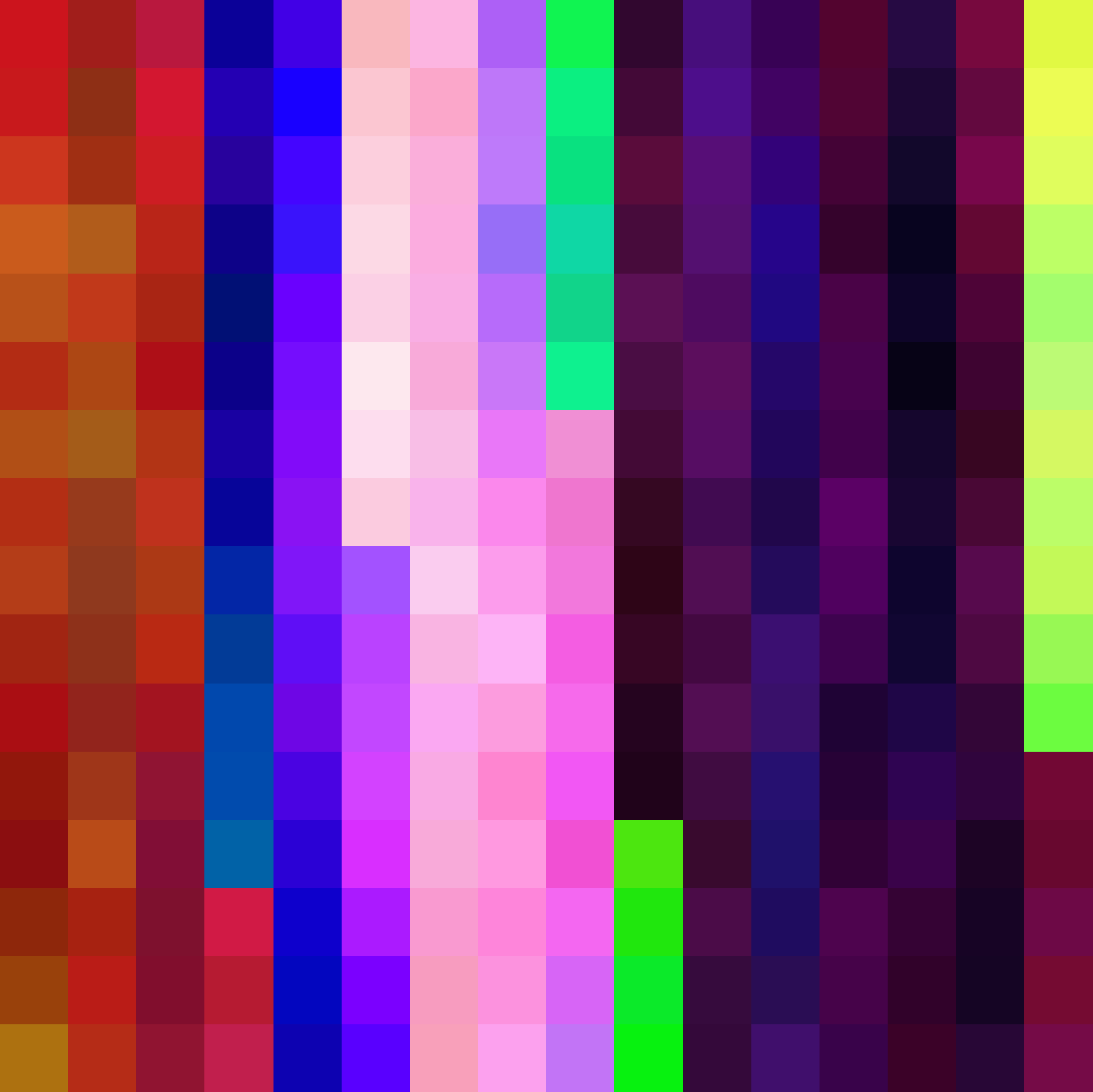
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has quite some green, and some blue in it.

A 12 by 12 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has quite some cyan, quite some green, a bit of blue, and a little bit of orange in it.
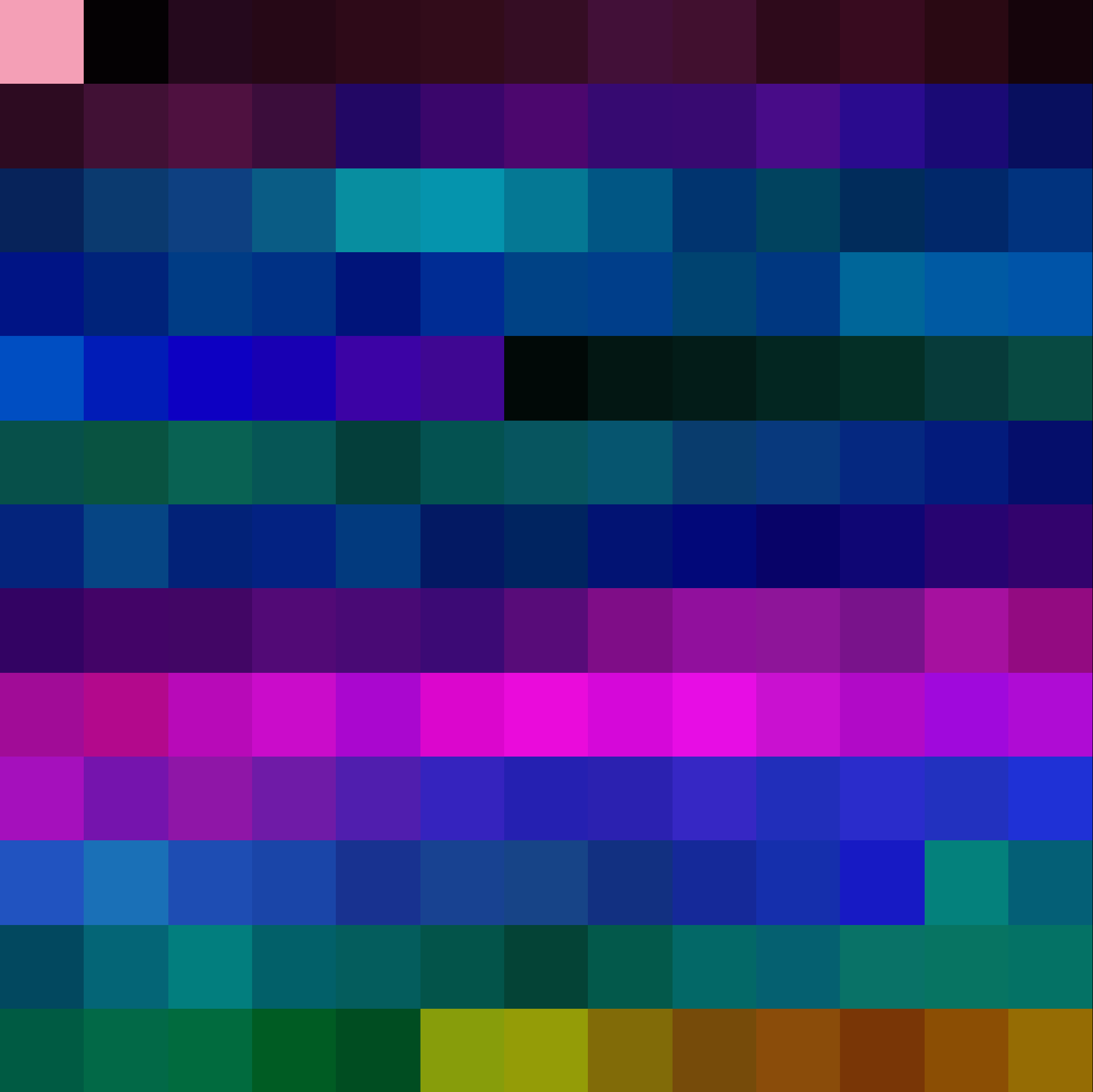
The very, very colourful gradient in this 15 by 15 pixel grid is mostly yellow, and it also has some green, some blue, some indigo, a bit of cyan, a little bit of orange, a little bit of lime, a little bit of magenta, a little bit of purple, a tiny bit of violet, and a tiny bit of red in it.

The very, very colourful gradient in this 16 by 16 pixel grid is mostly magenta, and it also has some red, some purple, some indigo, a bit of violet, a little bit of rose, a little bit of green, a little bit of orange, a little bit of blue, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of cyan in it.
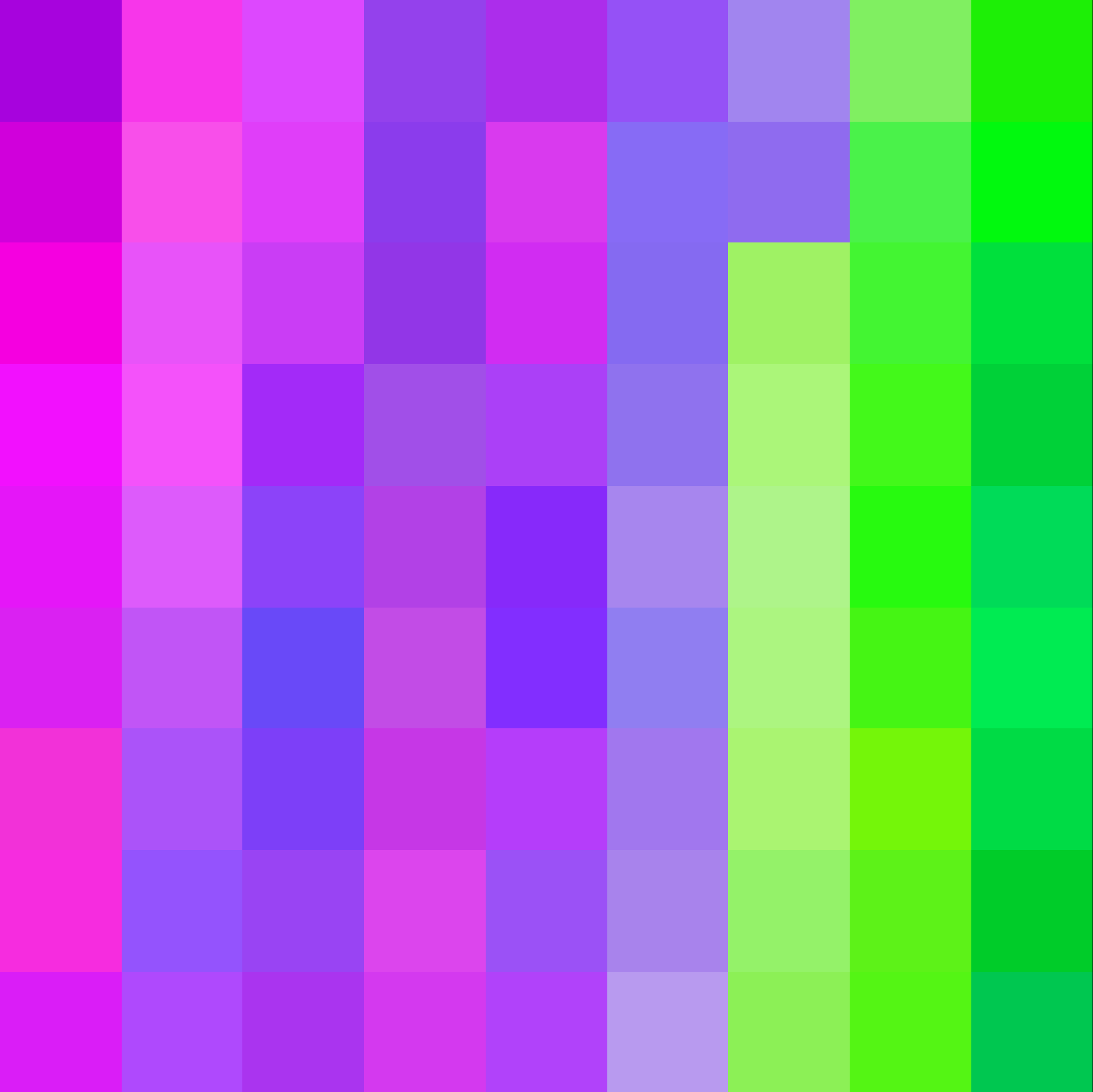
The cells in this 15 by 15 pixel grid form a colourful gradient. It is mostly red, and it also has quite some orange, some yellow, a bit of green, and a little bit of lime in it.

The very, very colourful gradient in this 13 by 13 pixel grid is mostly blue, but it also has some cyan, some magenta, a bit of purple, a bit of indigo, a little bit of violet, a little bit of rose, a little bit of green, a little bit of orange, and a tiny bit of yellow in it.
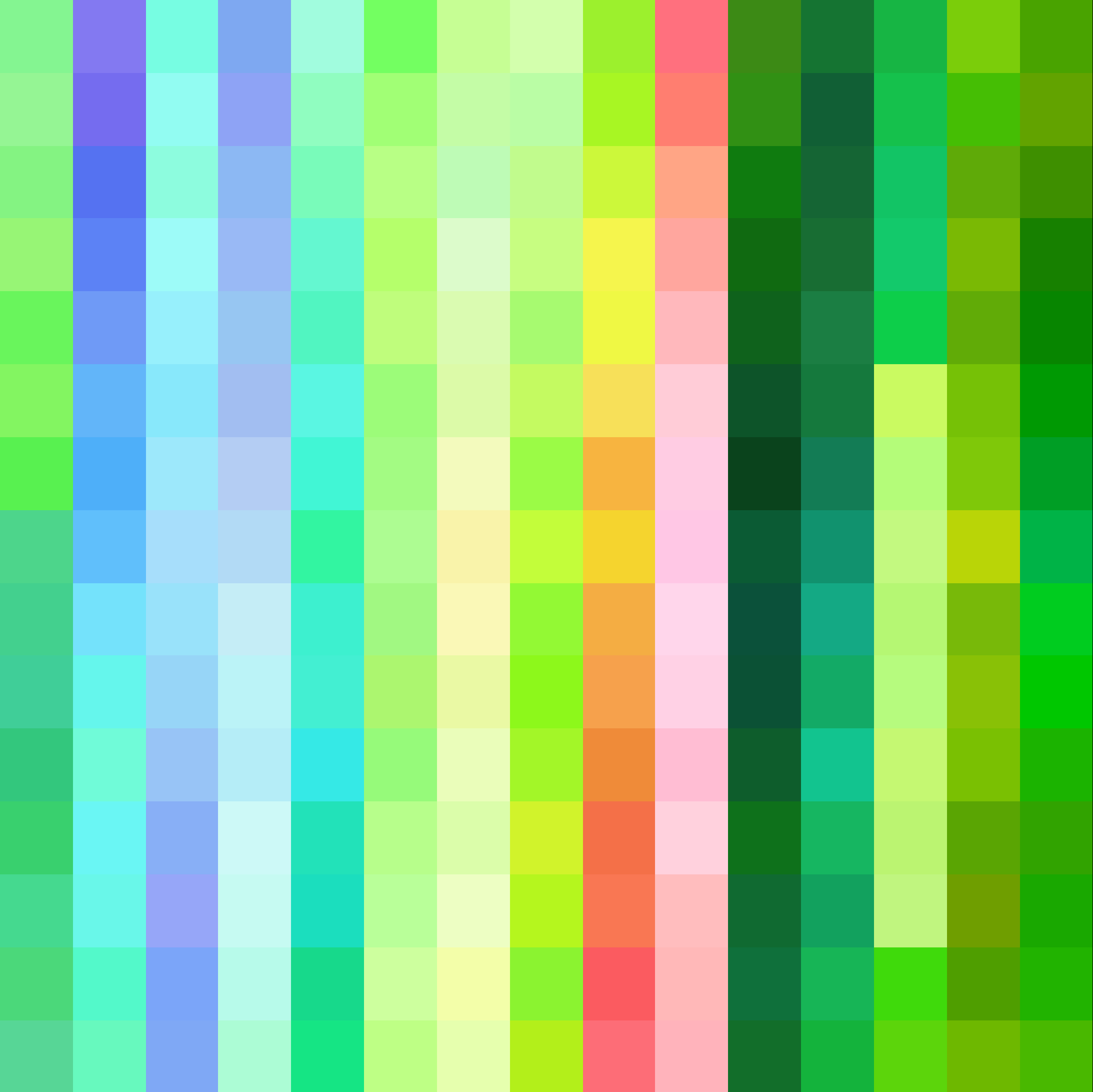
This gradient, generated in this 7 by 7 pixel grid, is mostly red, and it also has quite some orange, and a little bit of rose in it.

A colourful grid of 81 blocks. It's mostly green, but it also has quite some purple, some magenta, some violet, and some indigo in it.

This colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly yellow, and it also has some purple, some lime, a little bit of magenta, and a little bit of red in it.
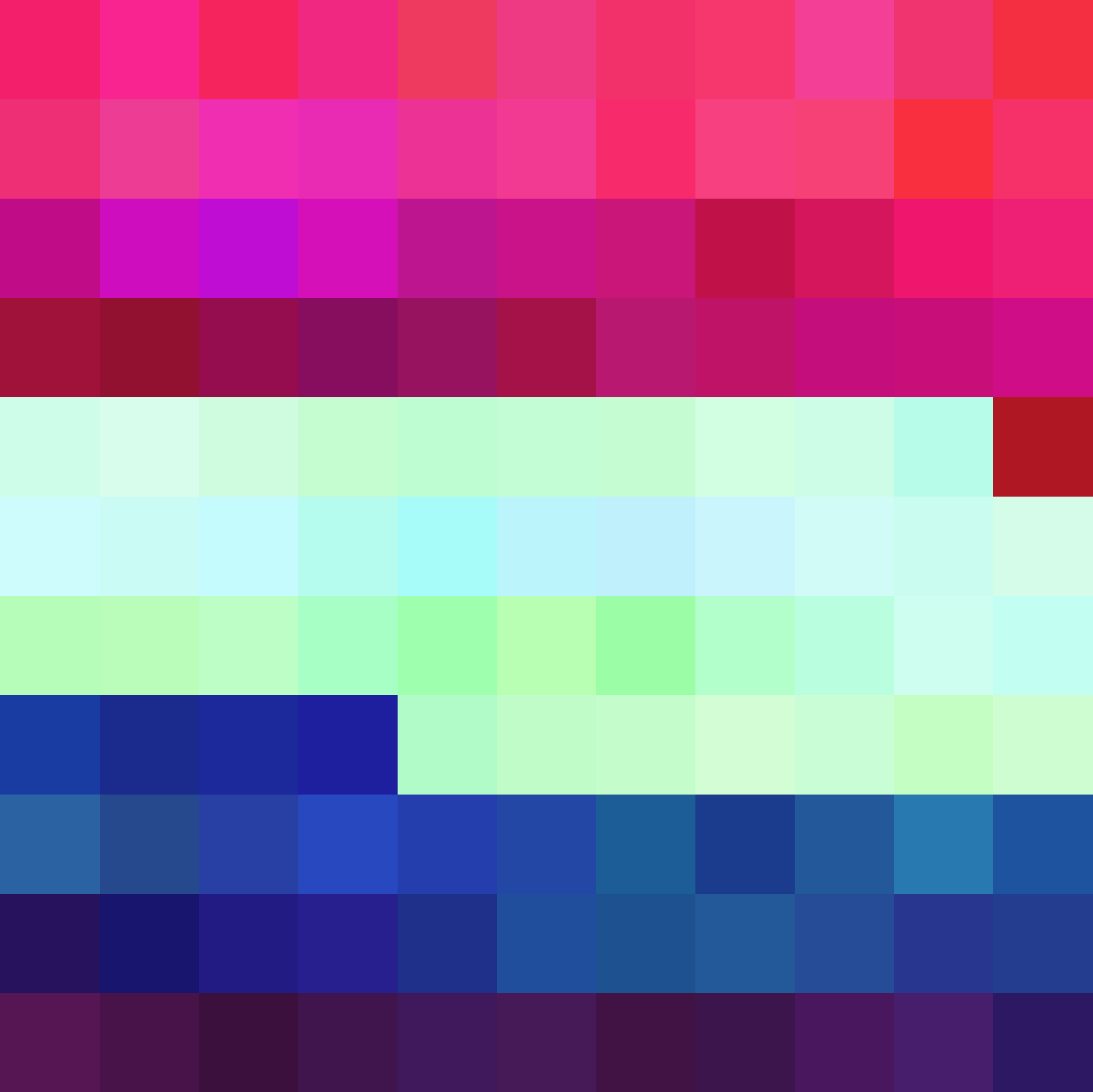
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, a bit of blue, a bit of red, a little bit of lime, a little bit of yellow, a tiny bit of orange, and a tiny bit of indigo in it.
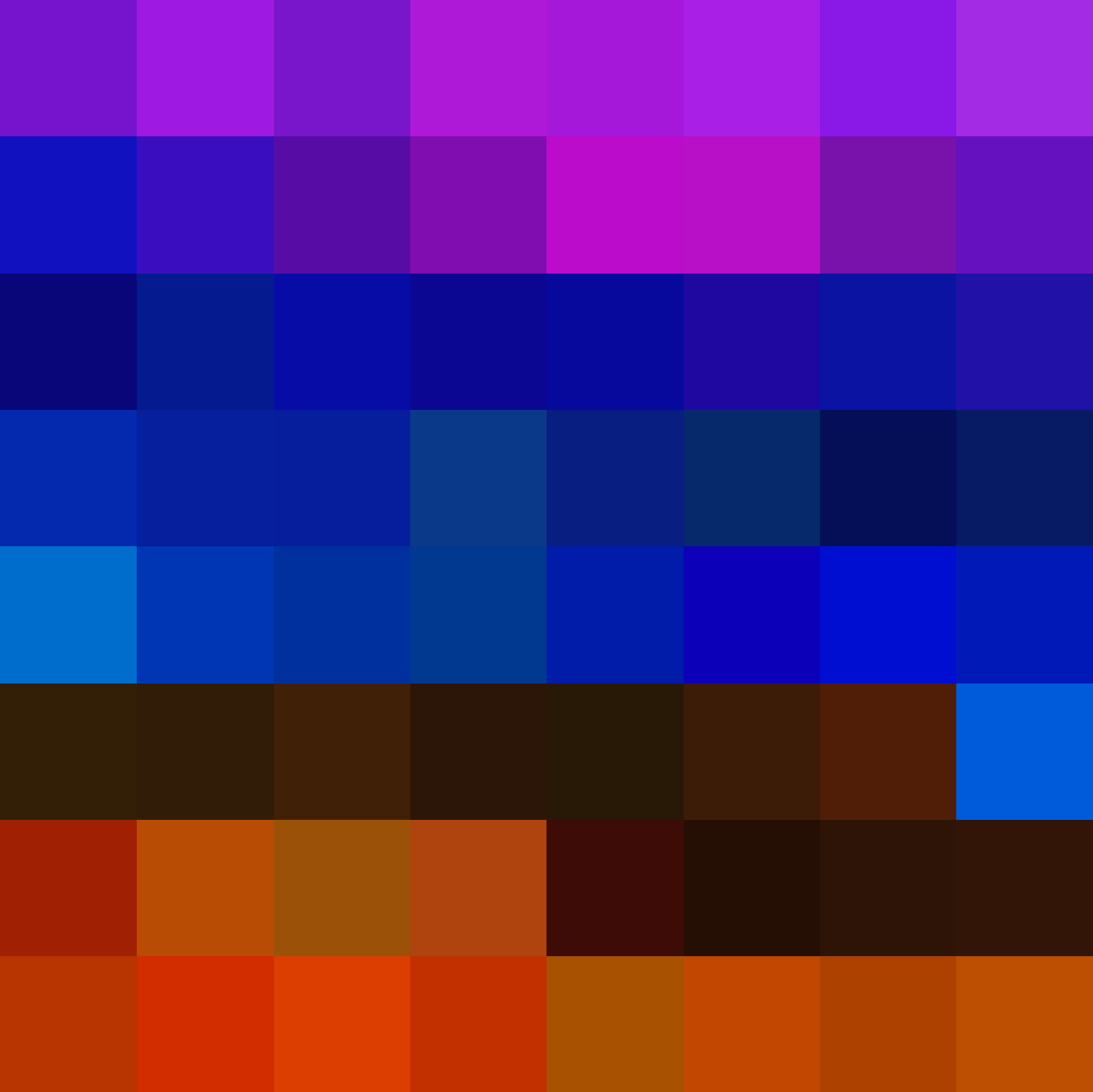
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some orange, and a little bit of yellow in it.

There's a very colourful pixel gradient in this 8 by 8 grid. It is mostly green, but it also has quite some purple, some magenta, some indigo, a bit of violet, a little bit of cyan, and a tiny bit of blue in it.
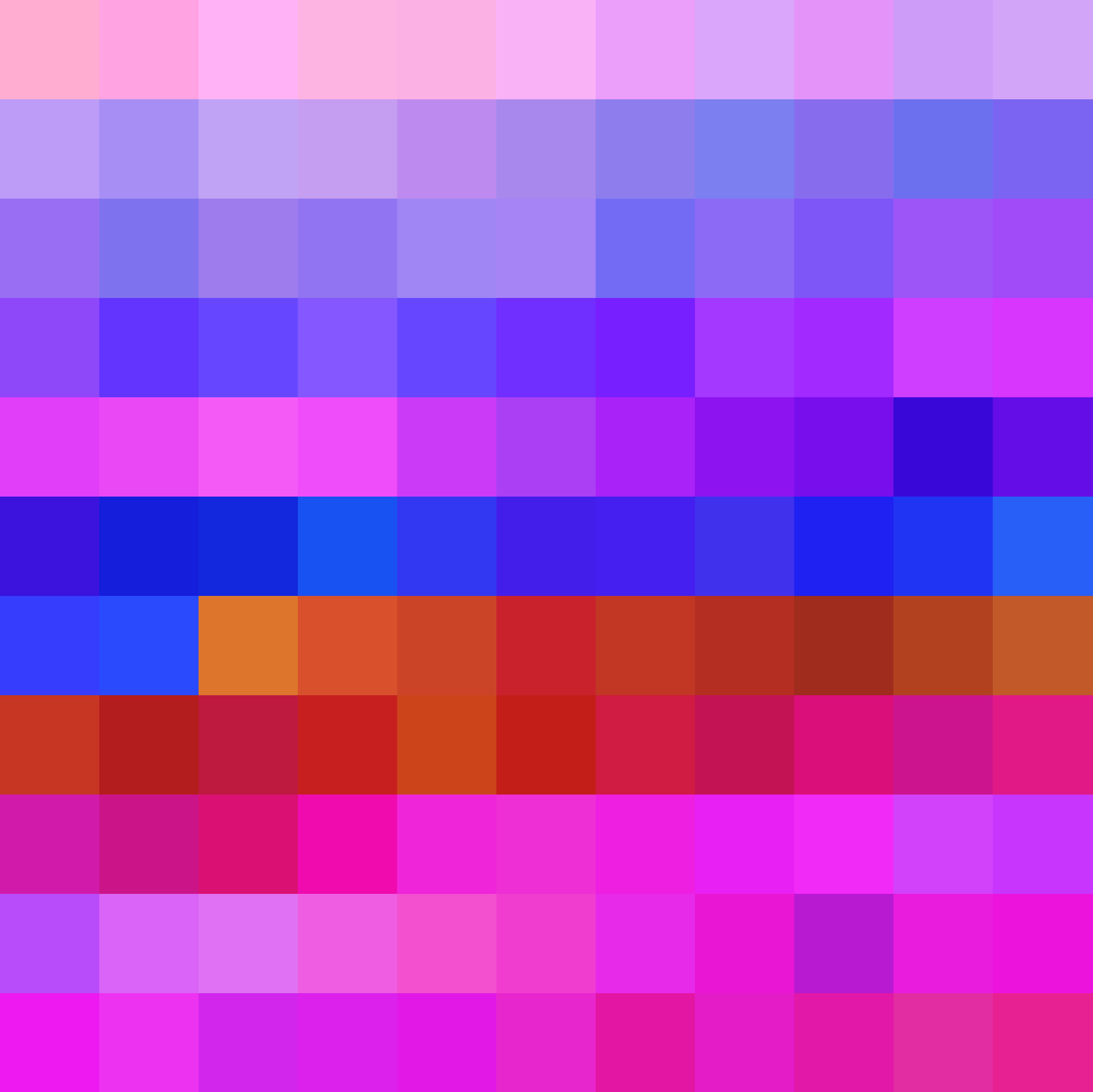
An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly rose, but it also has quite some green, some blue, some magenta, a bit of cyan, a little bit of purple, a little bit of red, and a little bit of indigo in it.

The very colourful gradient in this 8 by 8 pixel grid is mostly blue, but it also has quite some orange, some purple, a bit of indigo, a little bit of red, a little bit of violet, and a little bit of magenta in it.
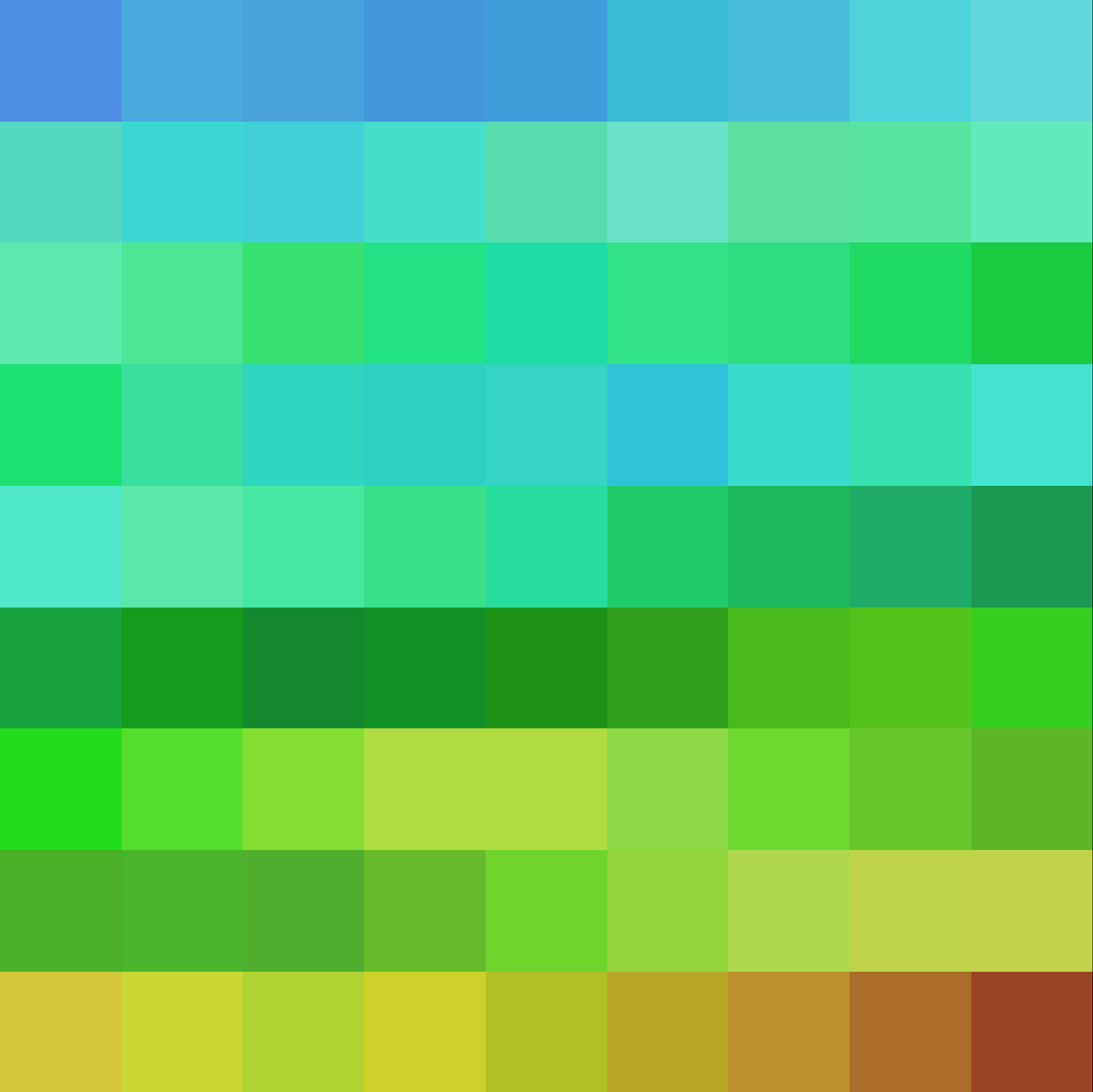
Here's a 12 by 12 pixelated grid that forms a very colourful gradient. It is mostly orange, and it also has quite some red, some yellow, a bit of lime, a bit of green, and a tiny bit of rose in it.
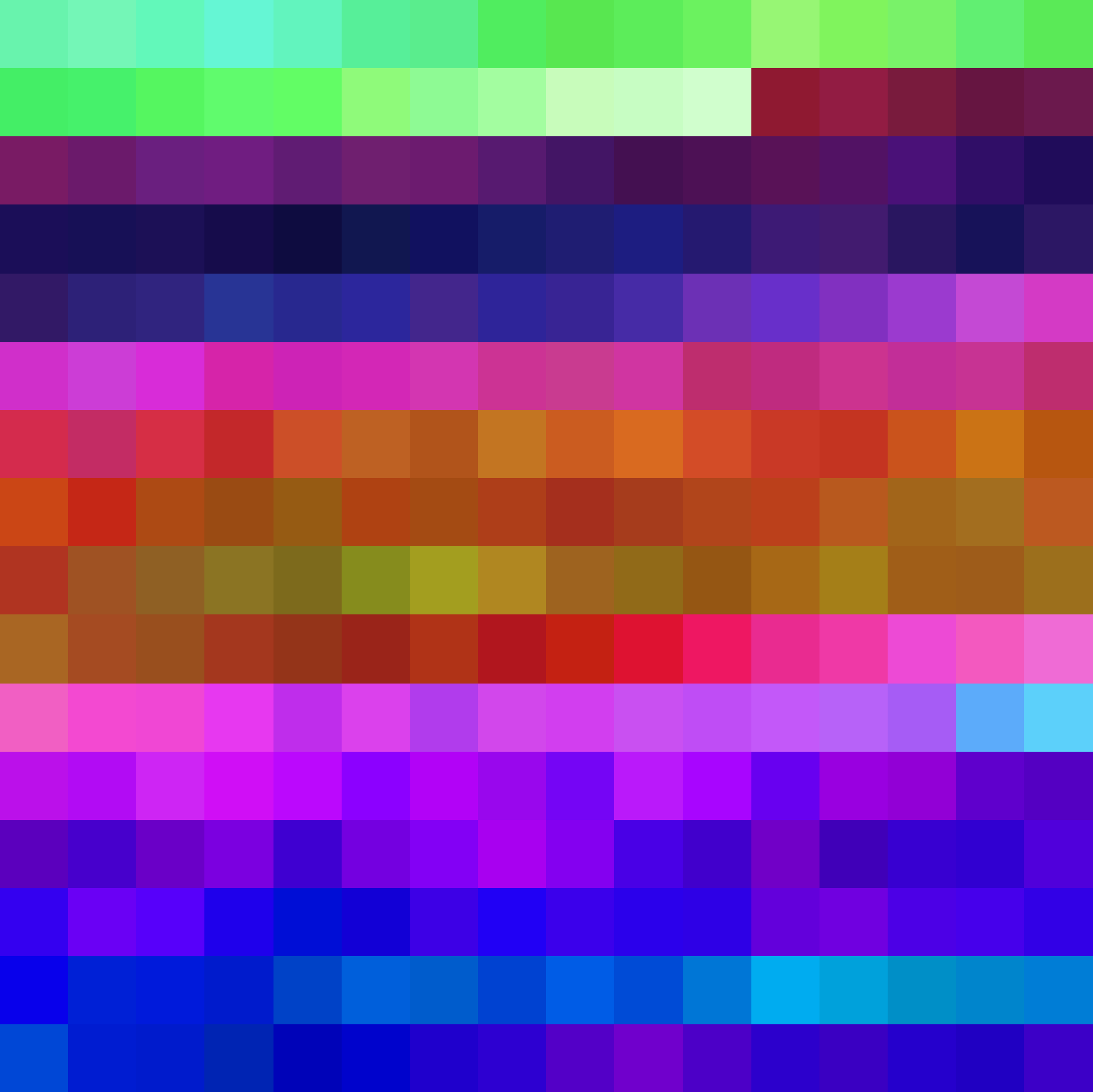
The very, very colourful gradient in this 11 by 11 pixel grid is mostly red, and it also has quite some indigo, some purple, a bit of blue, a bit of violet, a bit of magenta, a tiny bit of orange, and a tiny bit of rose in it.

A grid of 100 blocks. It's mostly green, and it also has a bit of cyan, a little bit of yellow, and a little bit of lime in it.
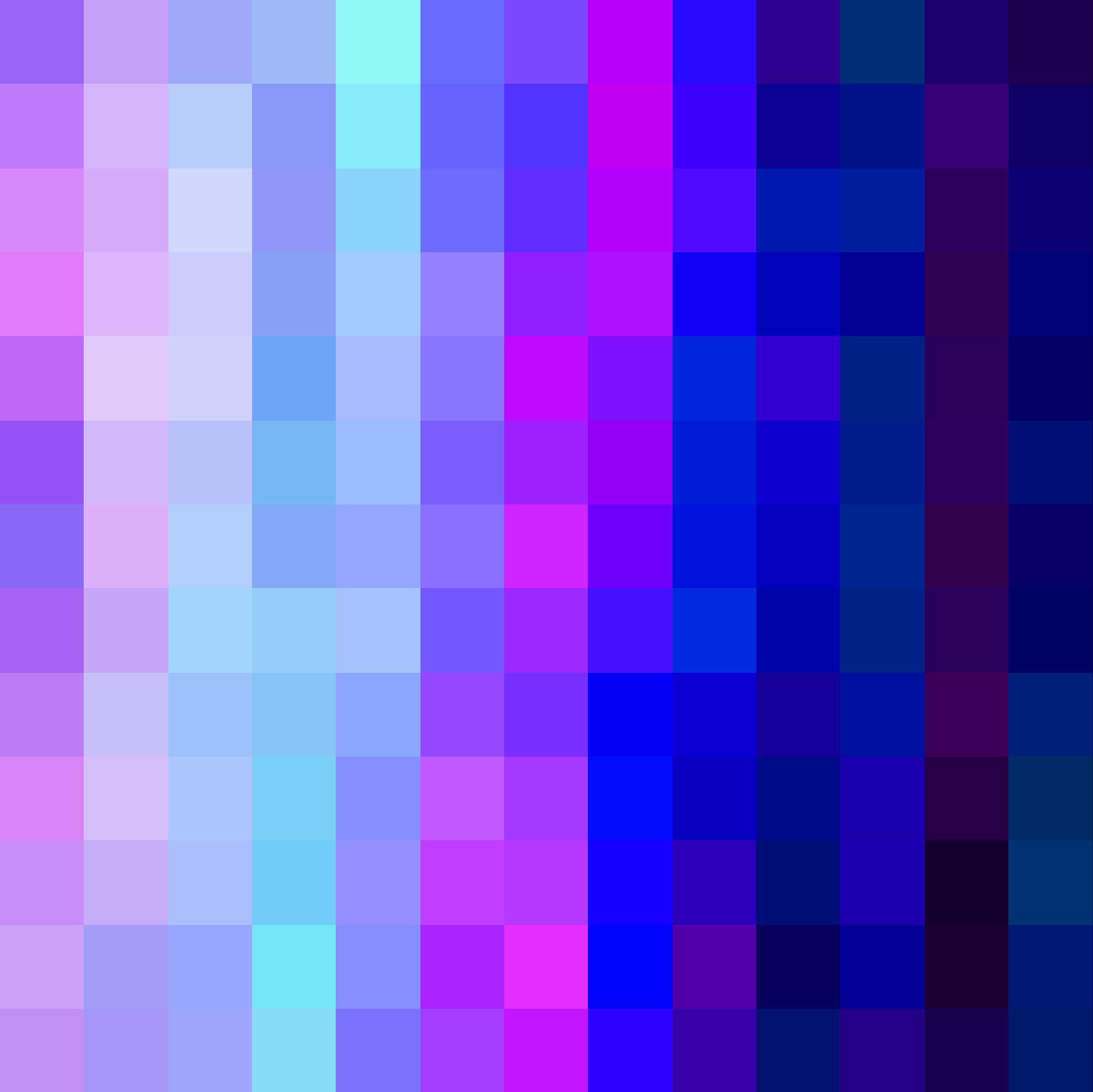
A 9 by 9 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some cyan, a bit of yellow, a little bit of blue, a little bit of lime, and a little bit of orange in it.
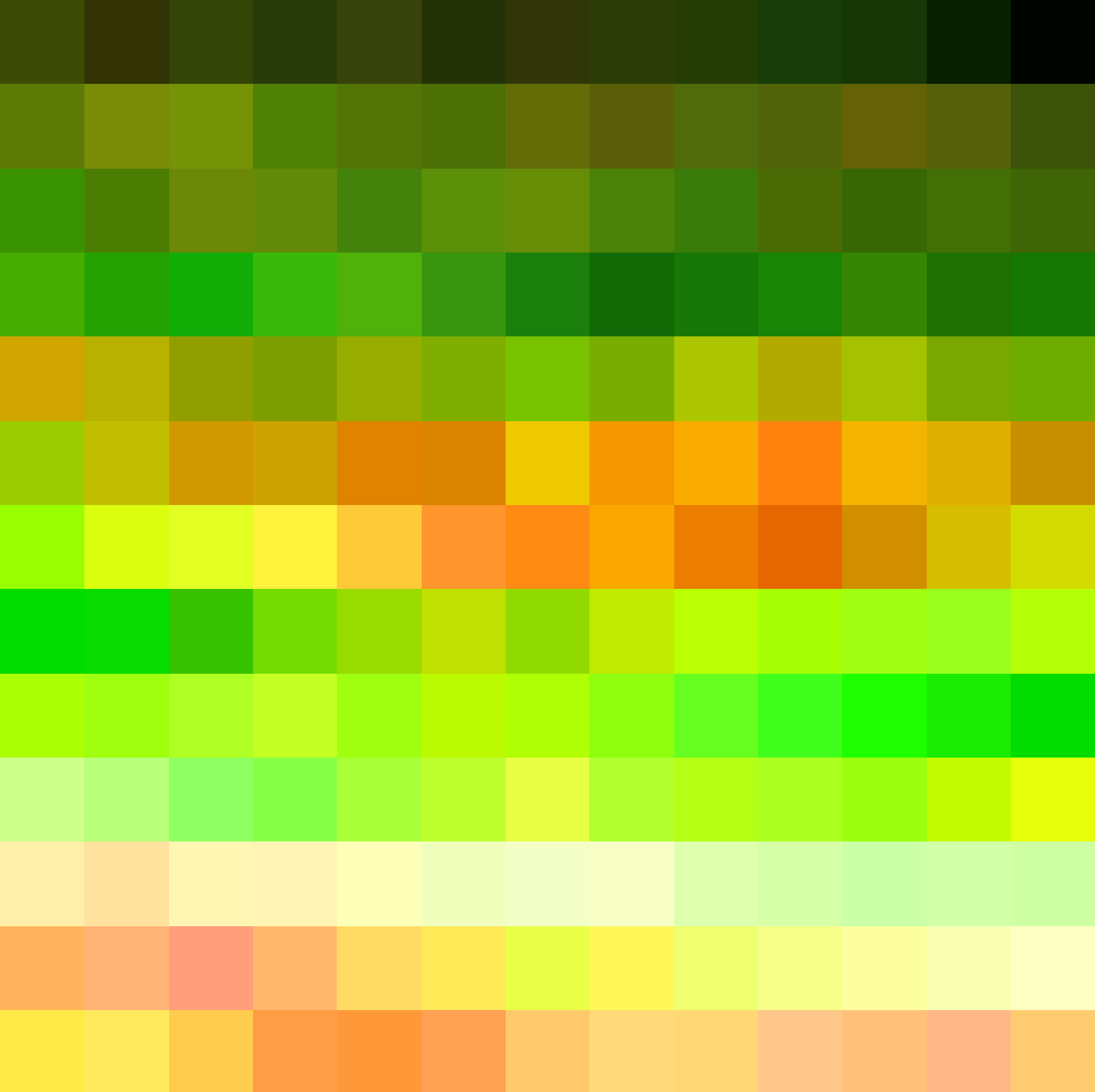
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly indigo, and it also has some purple, some orange, some magenta, some blue, a bit of green, a bit of red, a bit of violet, a little bit of rose, a tiny bit of yellow, and a tiny bit of cyan in it.
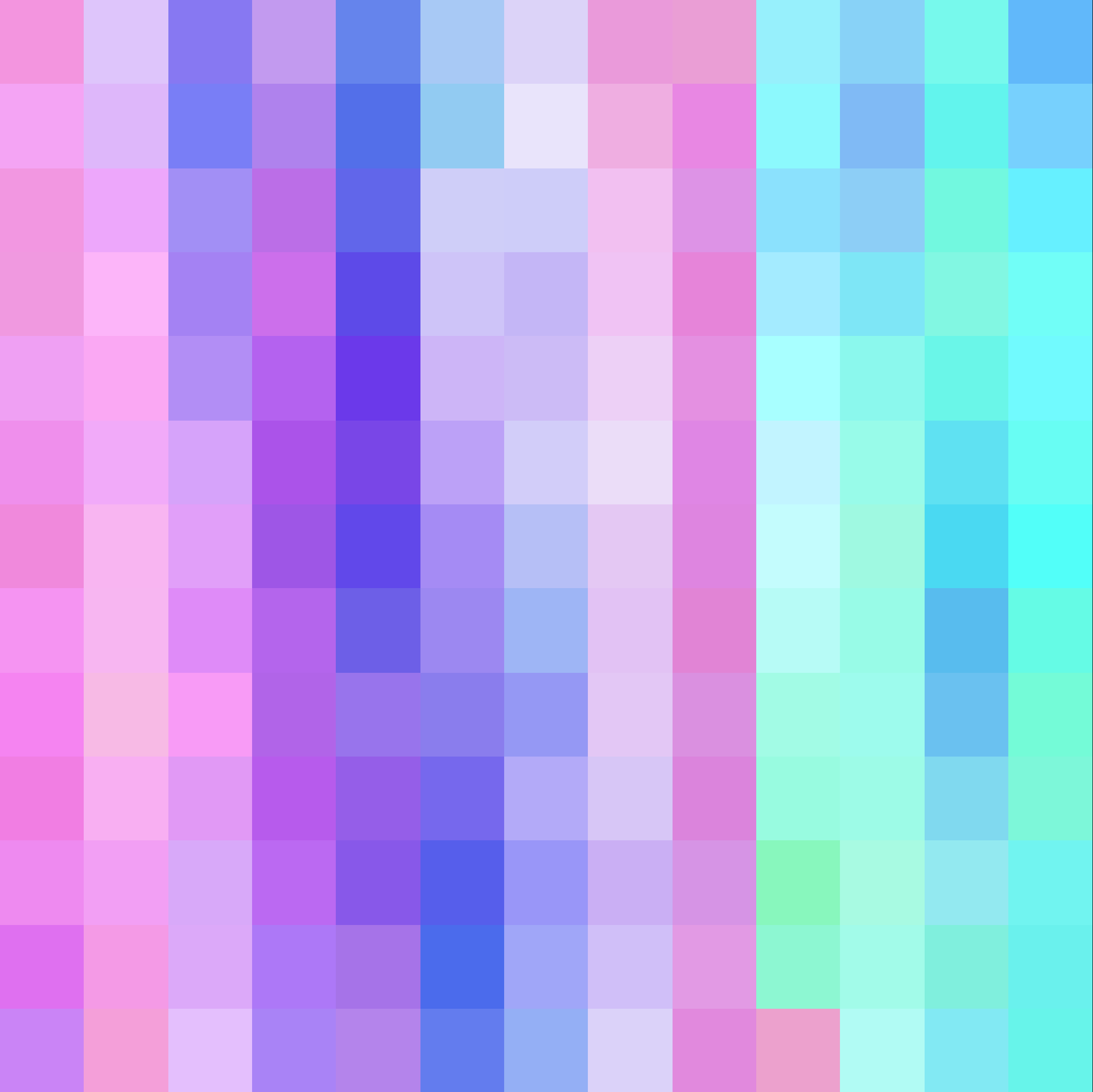
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some cyan, and quite some green in it.
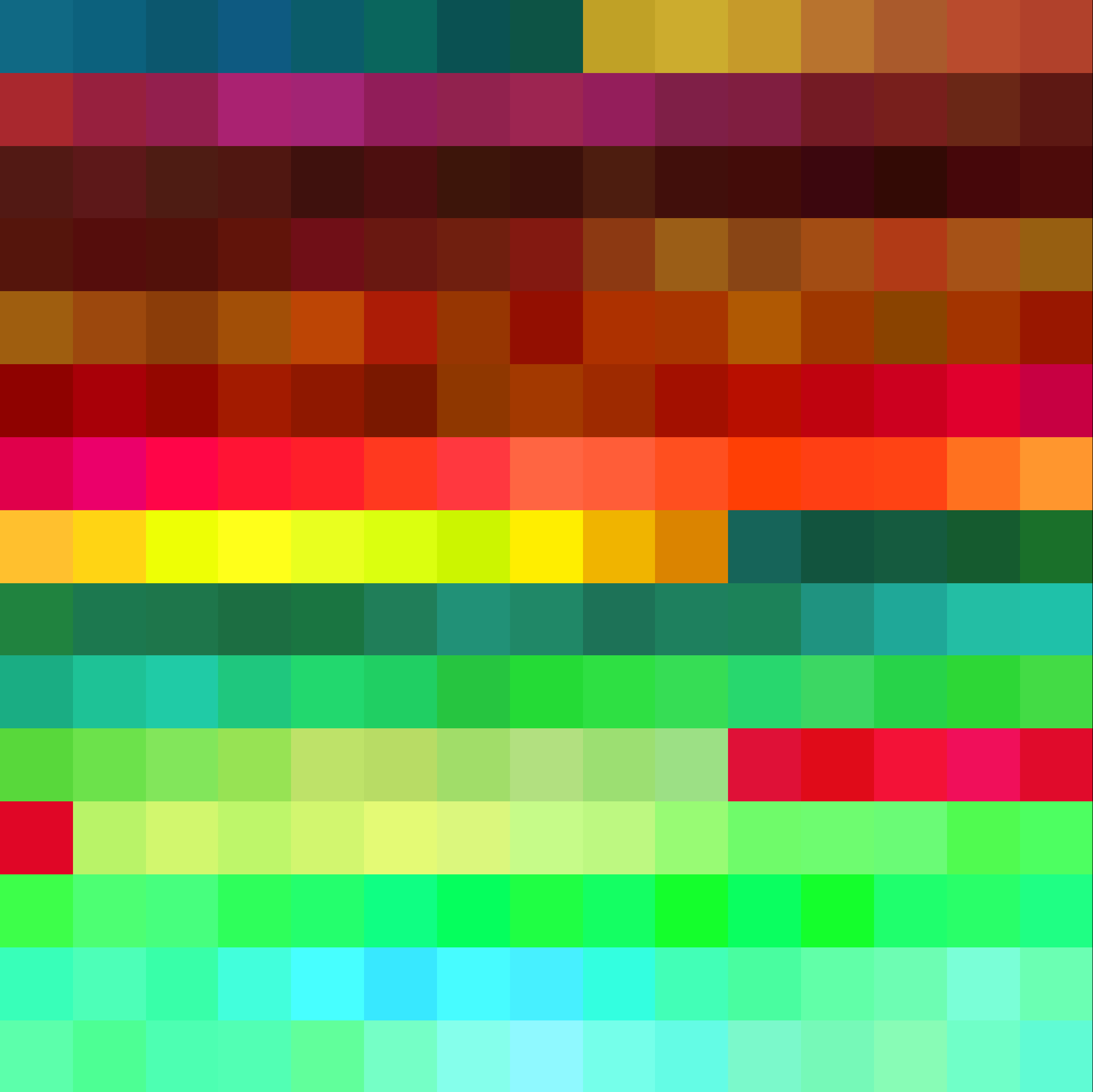
A 13 by 13 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, some purple, some violet, a tiny bit of cyan, and a tiny bit of magenta in it.
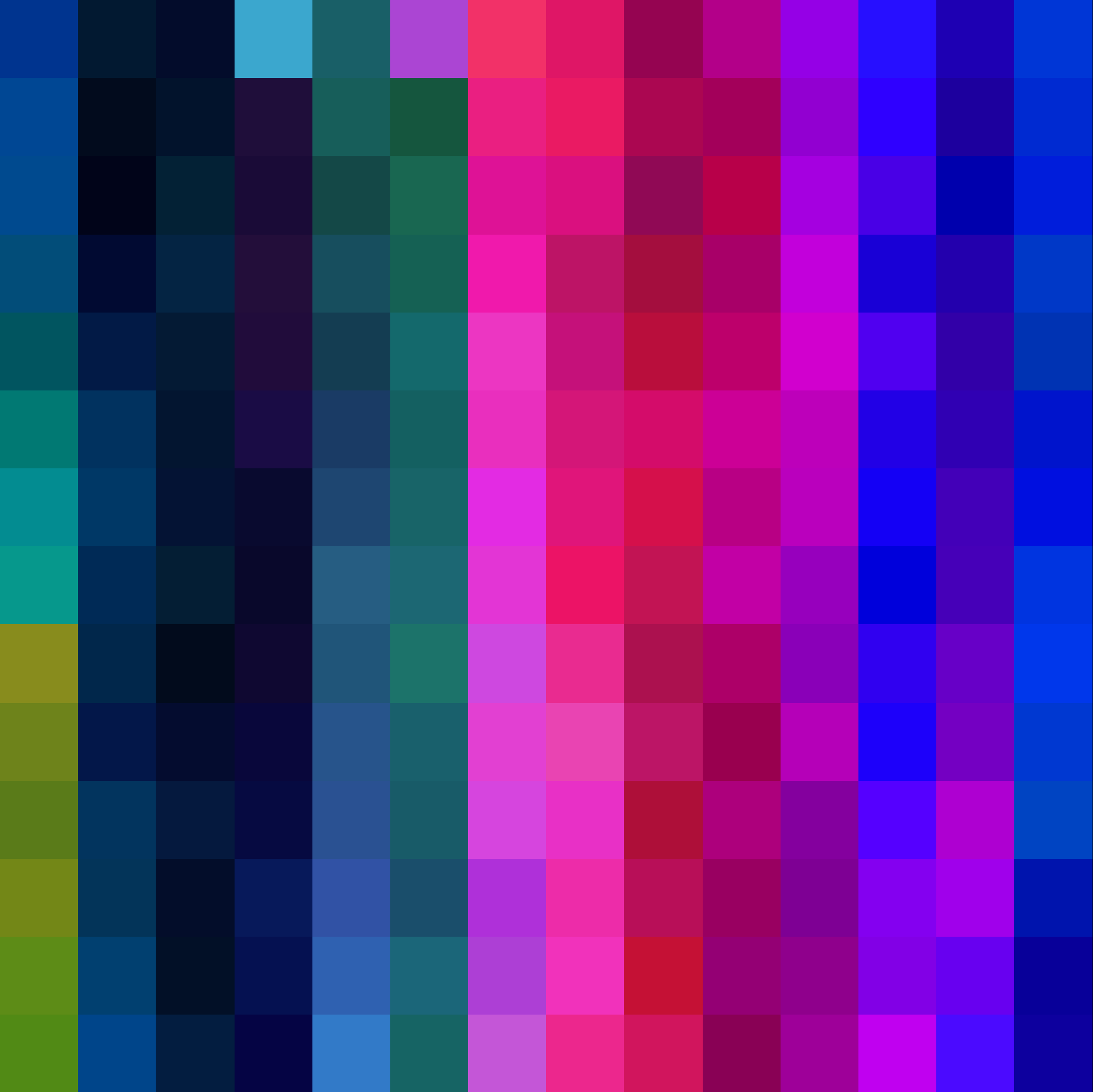
This gradient, generated in this 13 by 13 pixel grid, is mostly green, and it also has quite some yellow, some lime, and some orange in it.
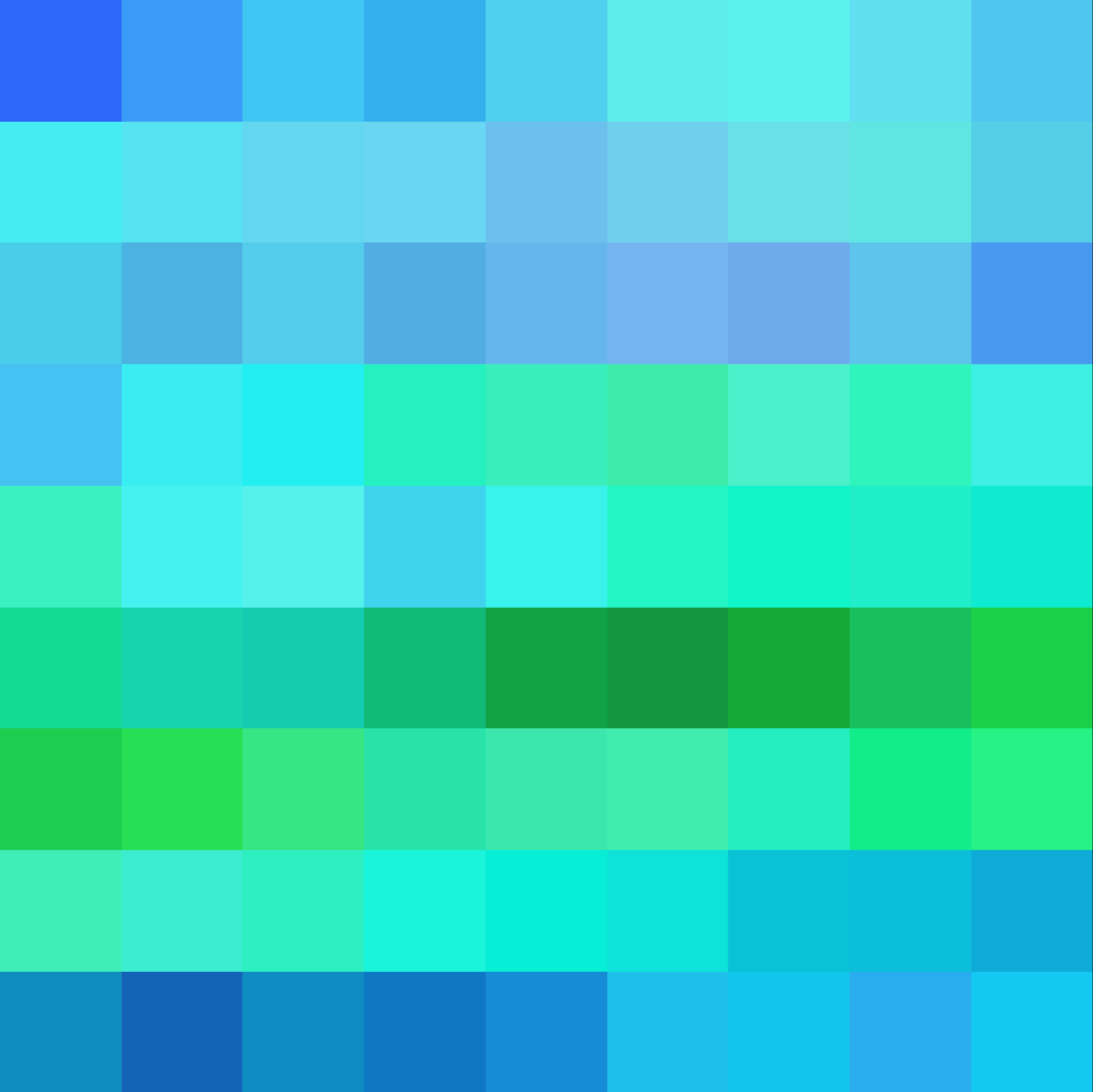
A 13 by 13 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, but it also has quite some magenta, some indigo, some purple, some blue, a bit of violet, and a tiny bit of green in it.
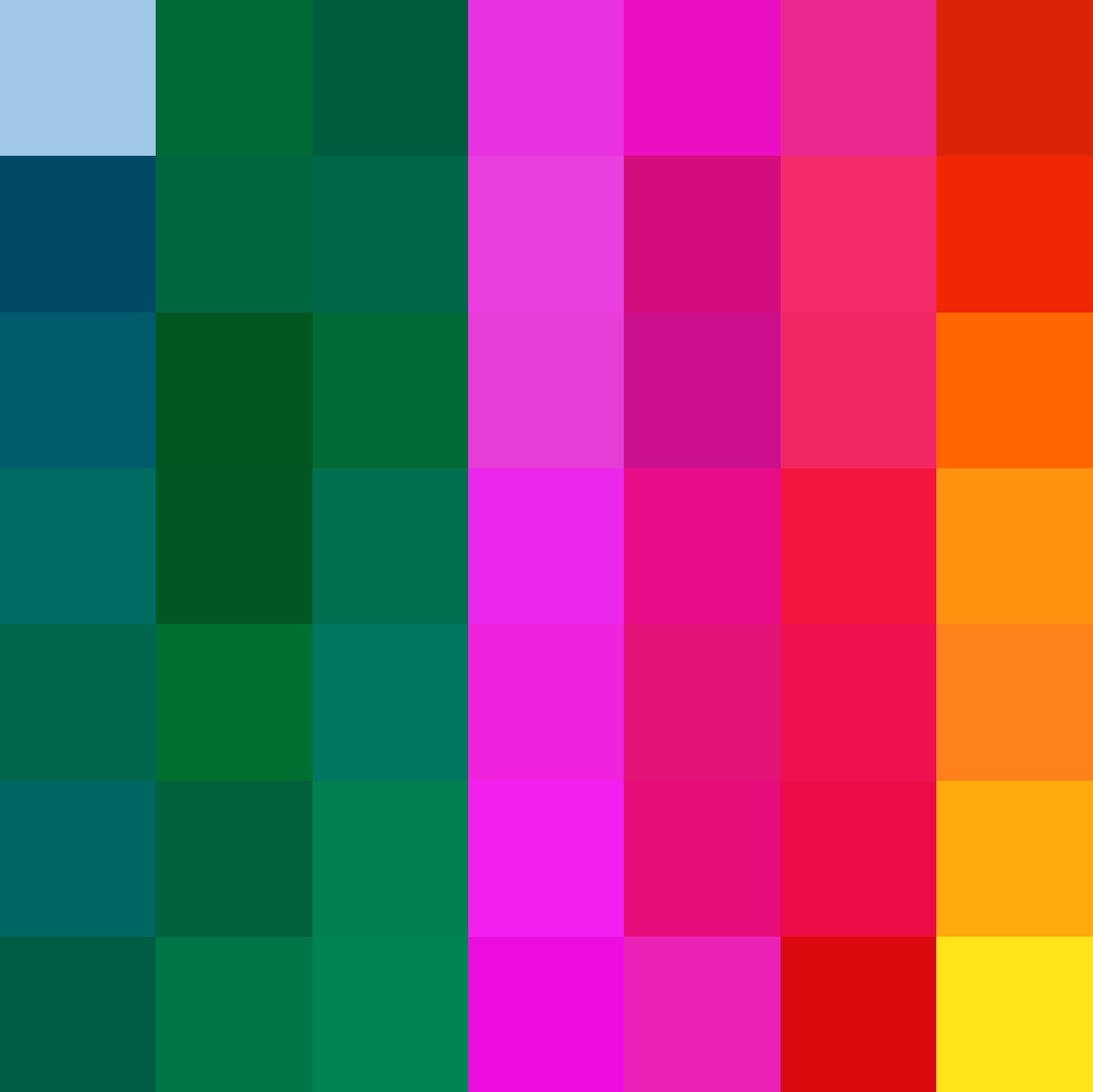
A very, very colourful grid of 225 blocks. It's mostly green, and it also has quite some red, some orange, a bit of cyan, a little bit of yellow, a tiny bit of lime, a tiny bit of blue, and a tiny bit of rose in it.
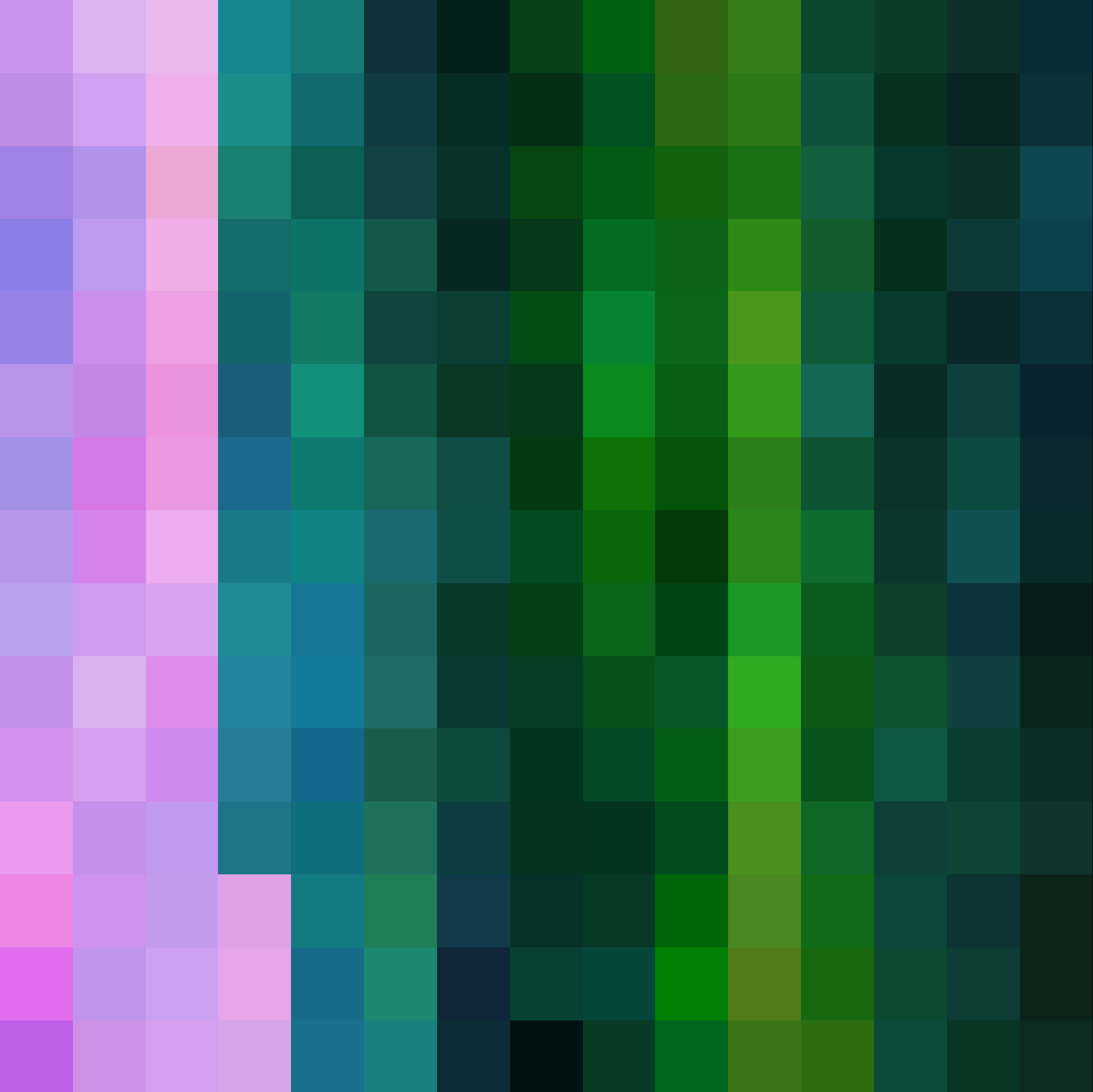
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly blue, but it also has some magenta, some rose, some indigo, a bit of purple, a bit of cyan, a little bit of violet, a little bit of green, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of red in it.

A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some blue, and quite some green in it.
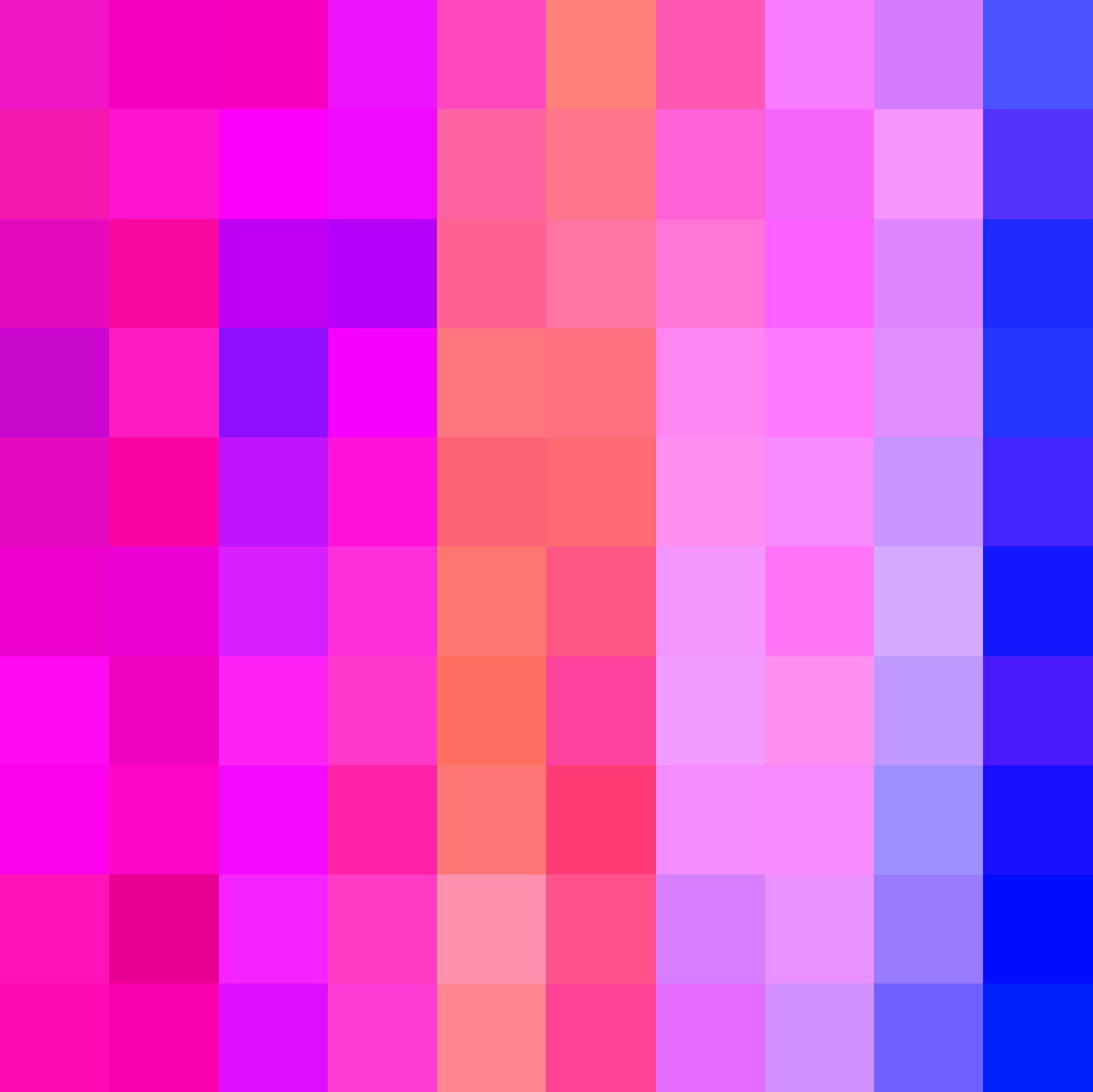
There's a very, very colourful pixel gradient in this 7 by 7 grid. It is mostly green, and it also has quite some magenta, some cyan, some rose, a bit of red, a bit of orange, a little bit of blue, and a tiny bit of yellow in it.
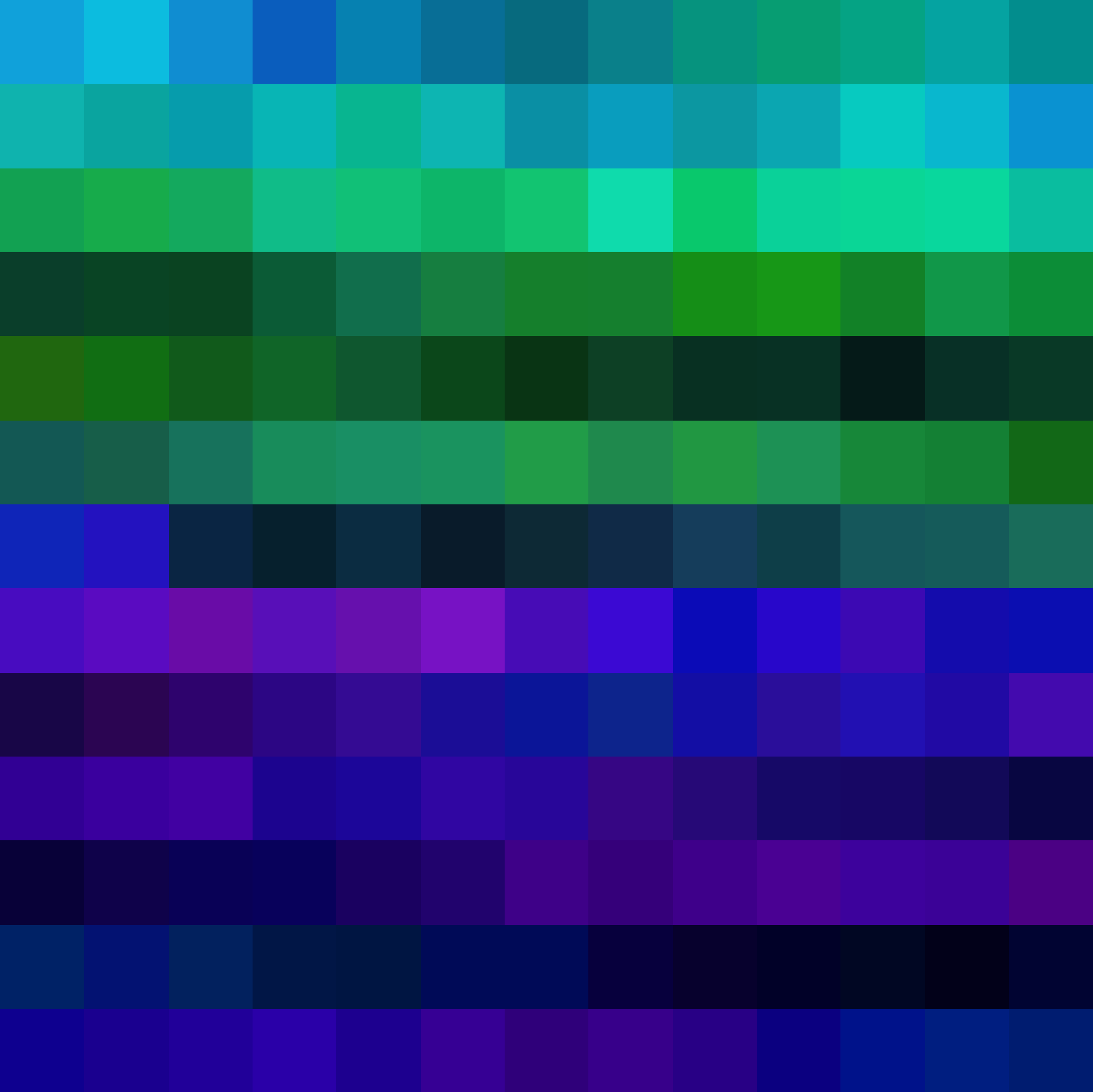
The very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has quite some cyan, a bit of purple, a little bit of magenta, a little bit of blue, a little bit of indigo, and a little bit of violet in it.
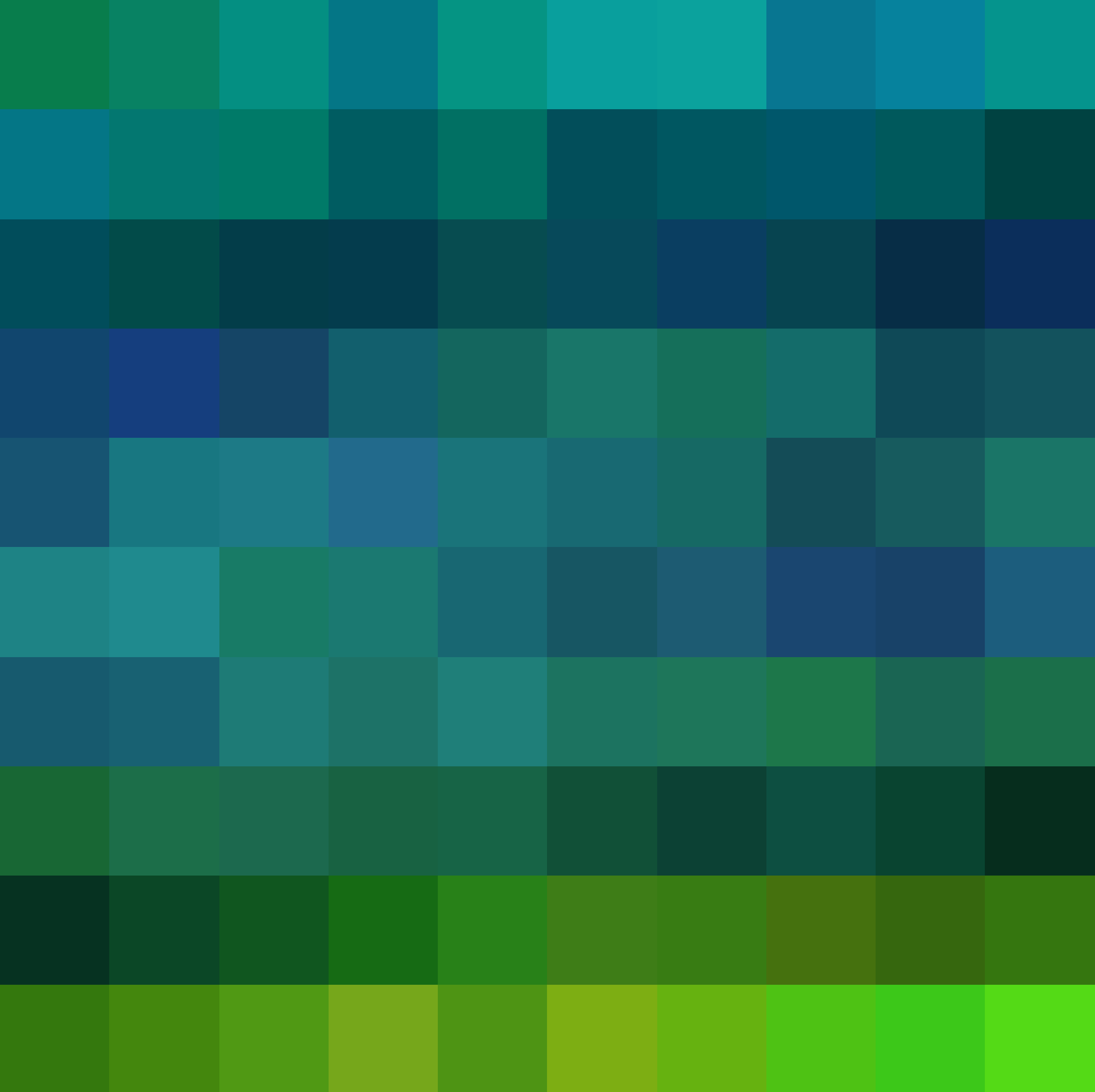
An 8 by 8 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some rose, some red, a little bit of purple, a little bit of green, a little bit of orange, and a tiny bit of violet in it.
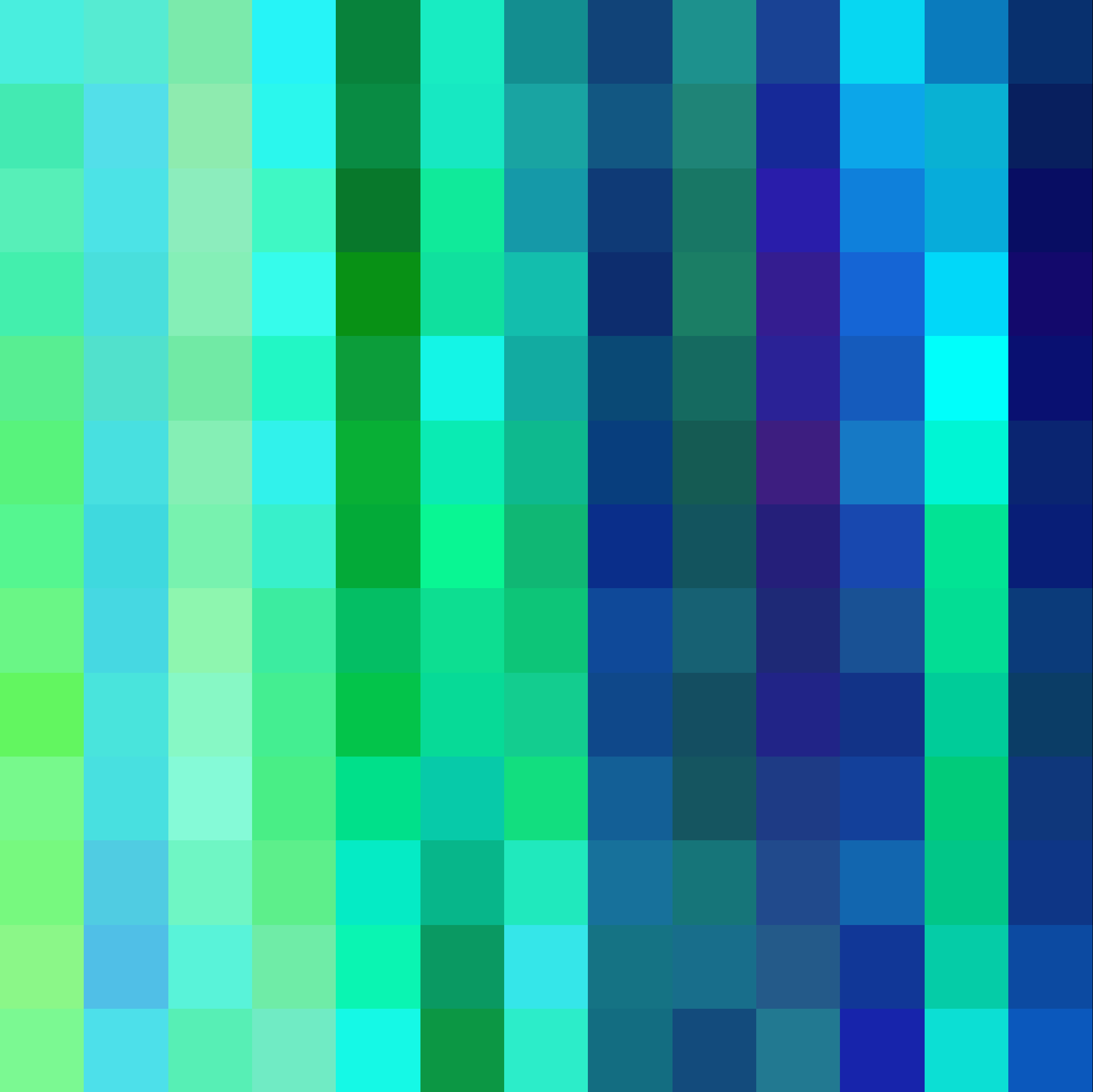
This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly magenta, but it also has some purple, some red, a bit of rose, a bit of indigo, a little bit of blue, and a tiny bit of violet in it.
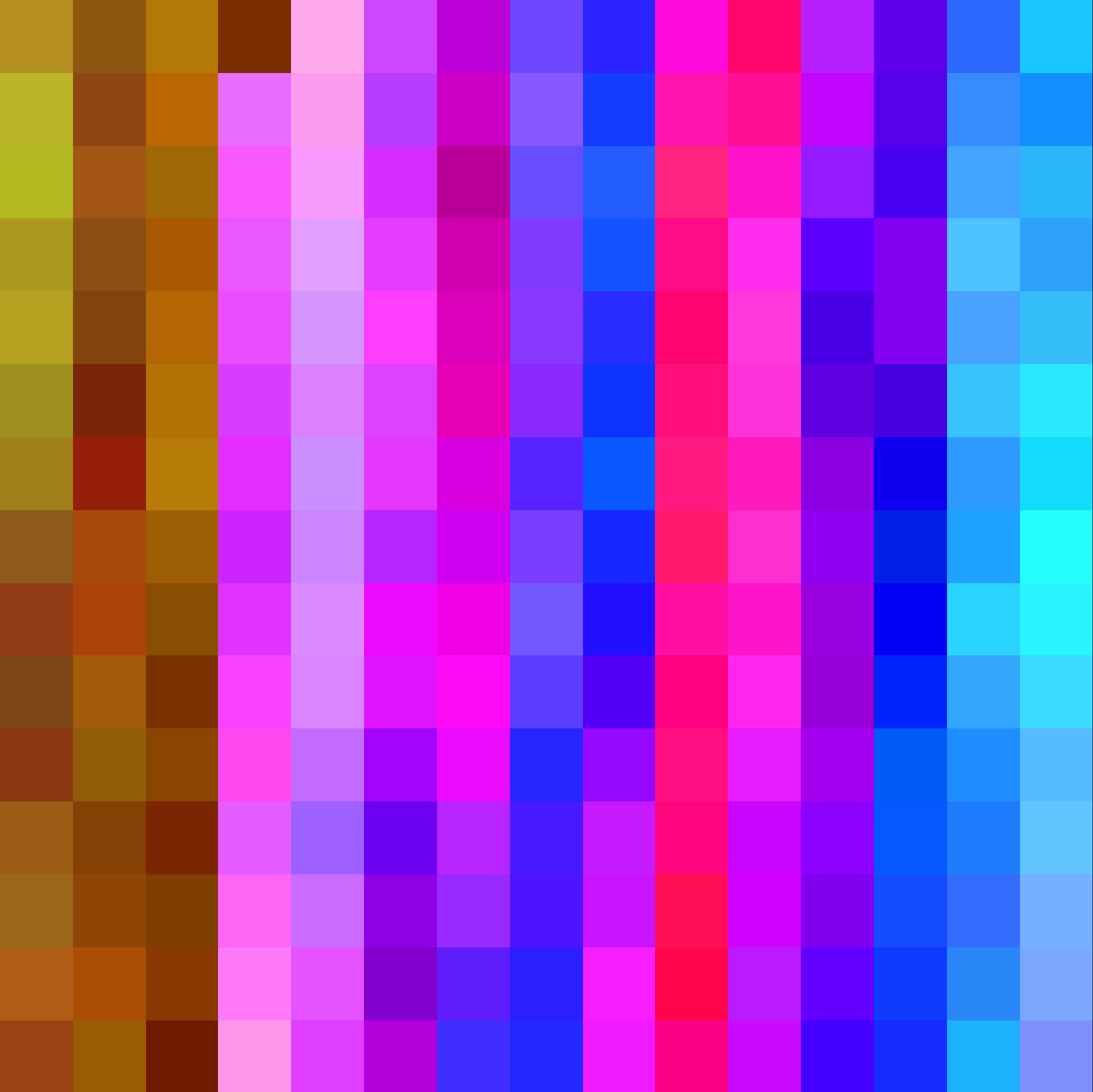
Here's a 13 by 13 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has quite some indigo, some blue, some cyan, some violet, and a tiny bit of purple in it.
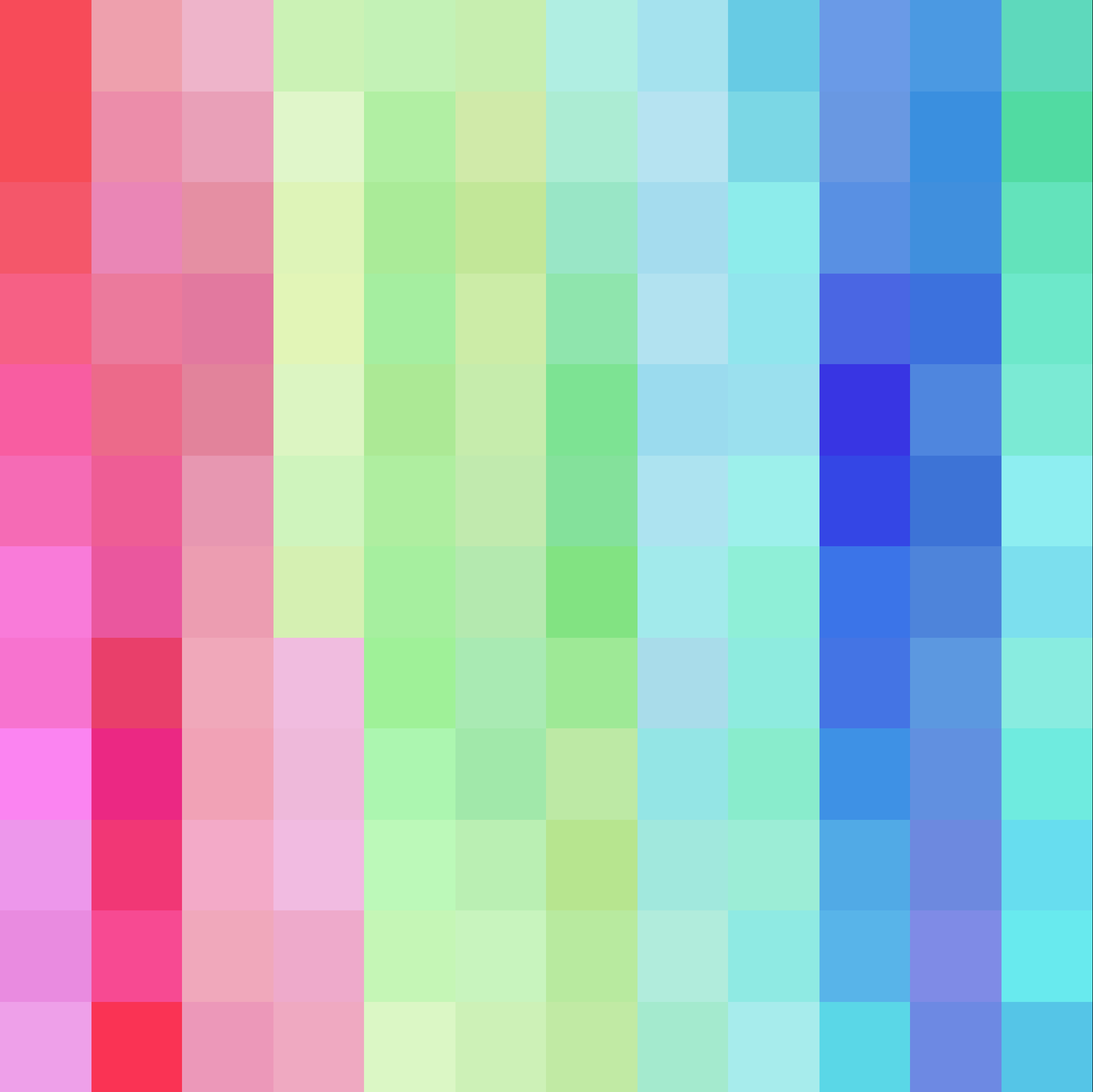
A grid with 100 coloured squares that form a gradient. The colours are various shades of mostly cyan, but it also has quite some green, some blue, and a tiny bit of lime in it.
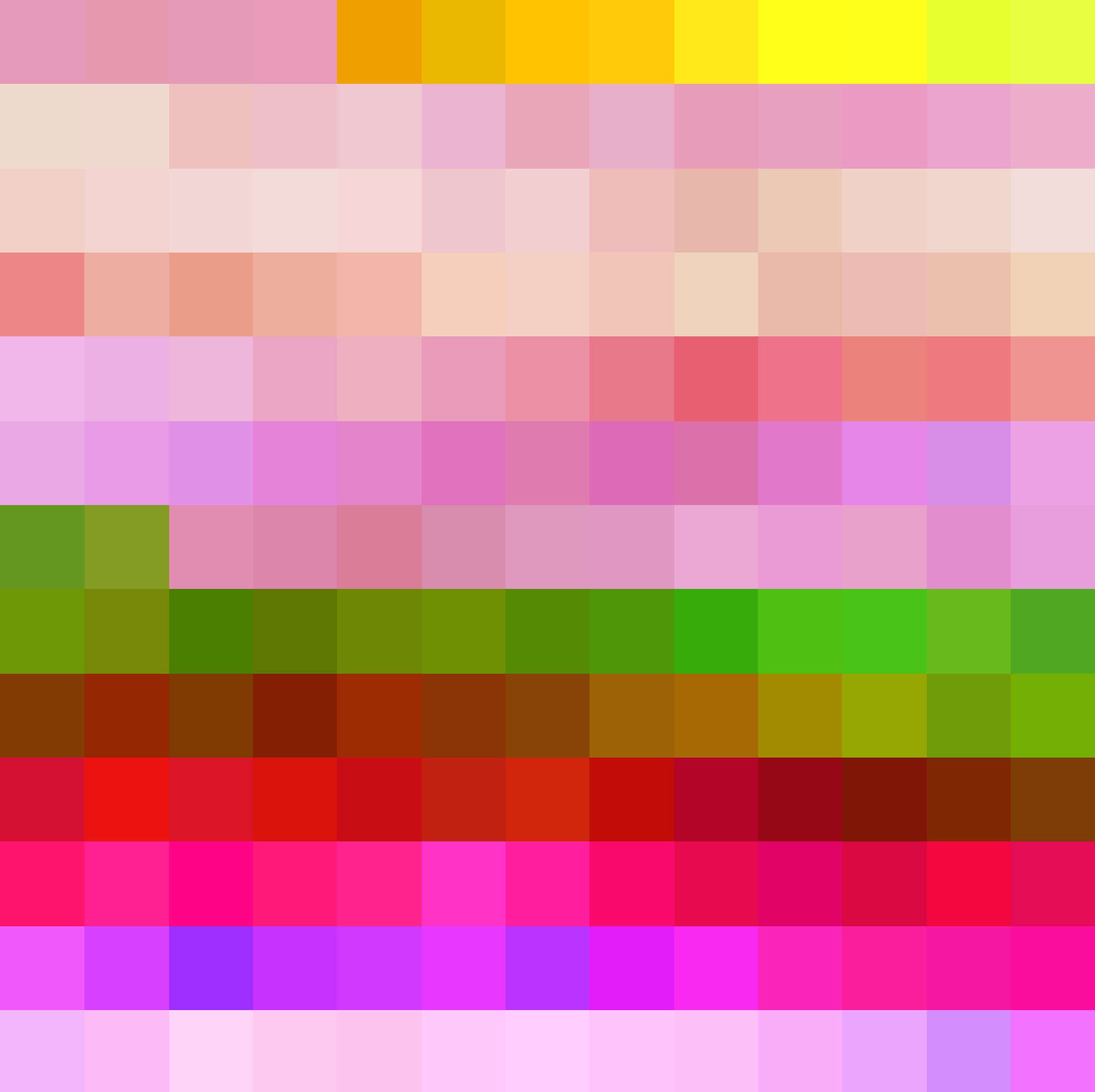
Here's a 13 by 13 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some green, quite some blue, and a little bit of indigo in it.
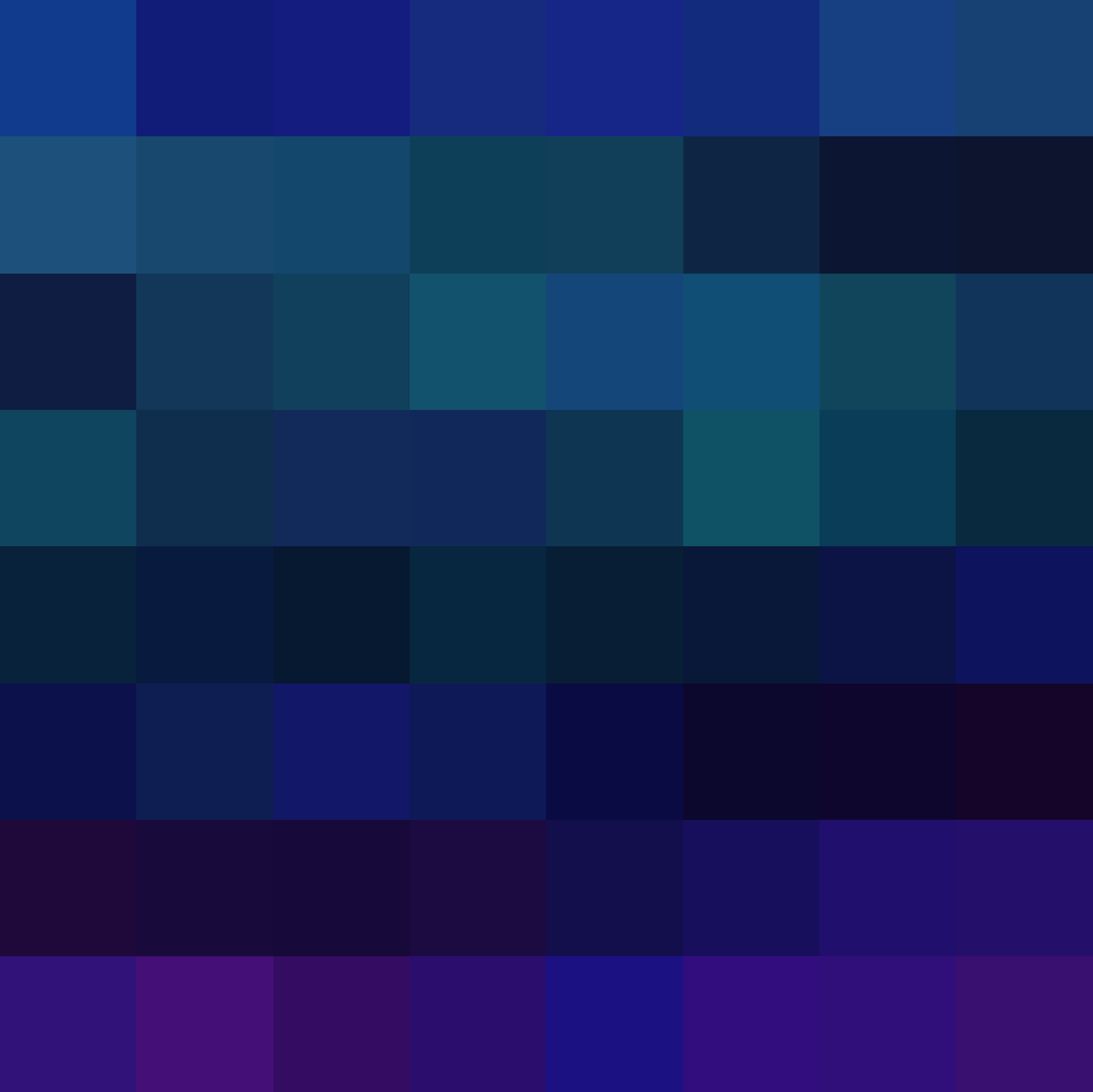
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly purple, and it also has some magenta, some blue, some orange, a bit of indigo, a little bit of rose, a little bit of violet, a little bit of yellow, a little bit of cyan, and a tiny bit of red in it.

A grid with 144 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, some rose, a bit of red, a little bit of magenta, a tiny bit of lime, and a tiny bit of indigo in it.
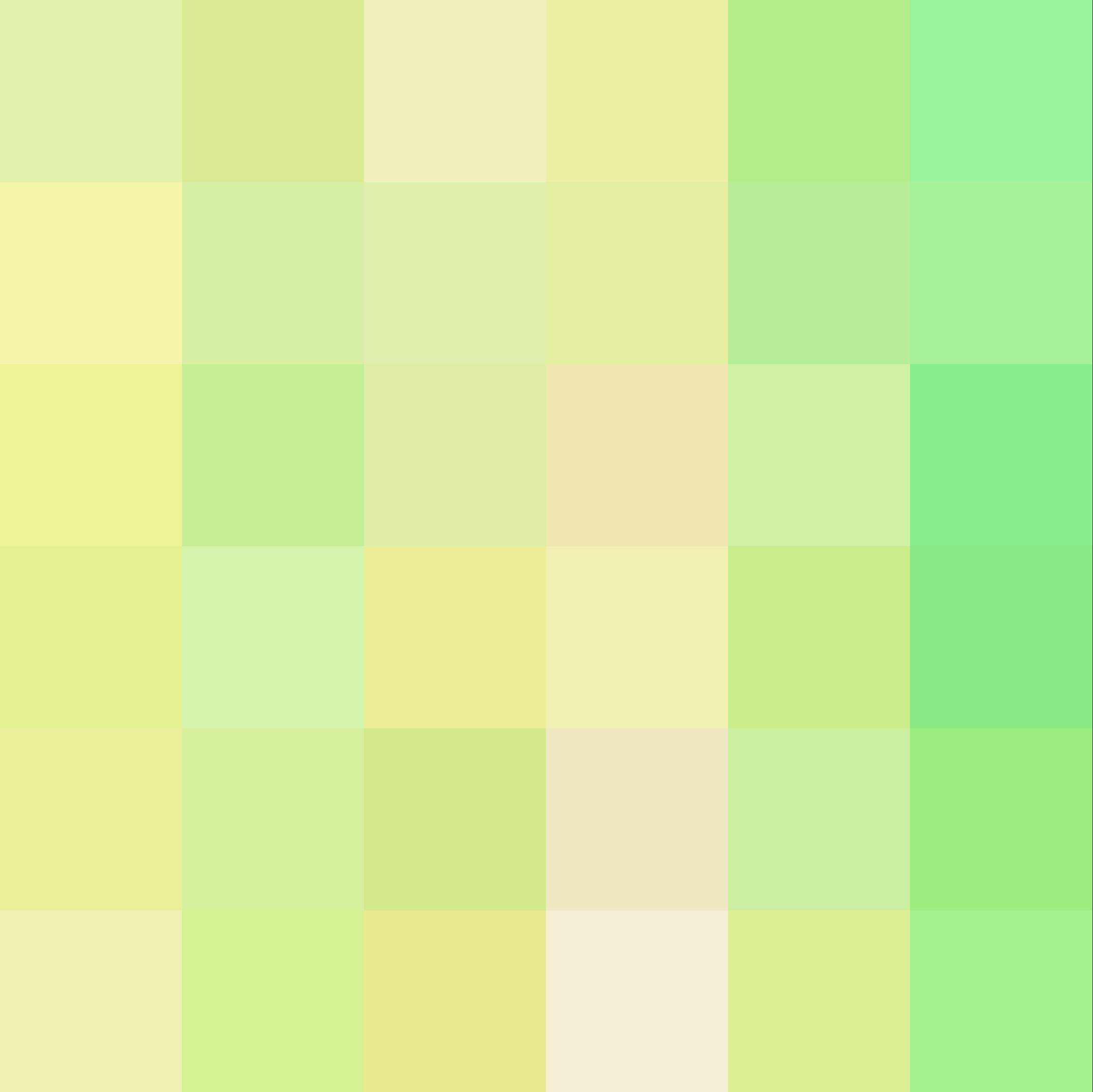
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has some rose, some magenta, some orange, a bit of yellow, a little bit of green, a little bit of lime, and a tiny bit of purple in it.
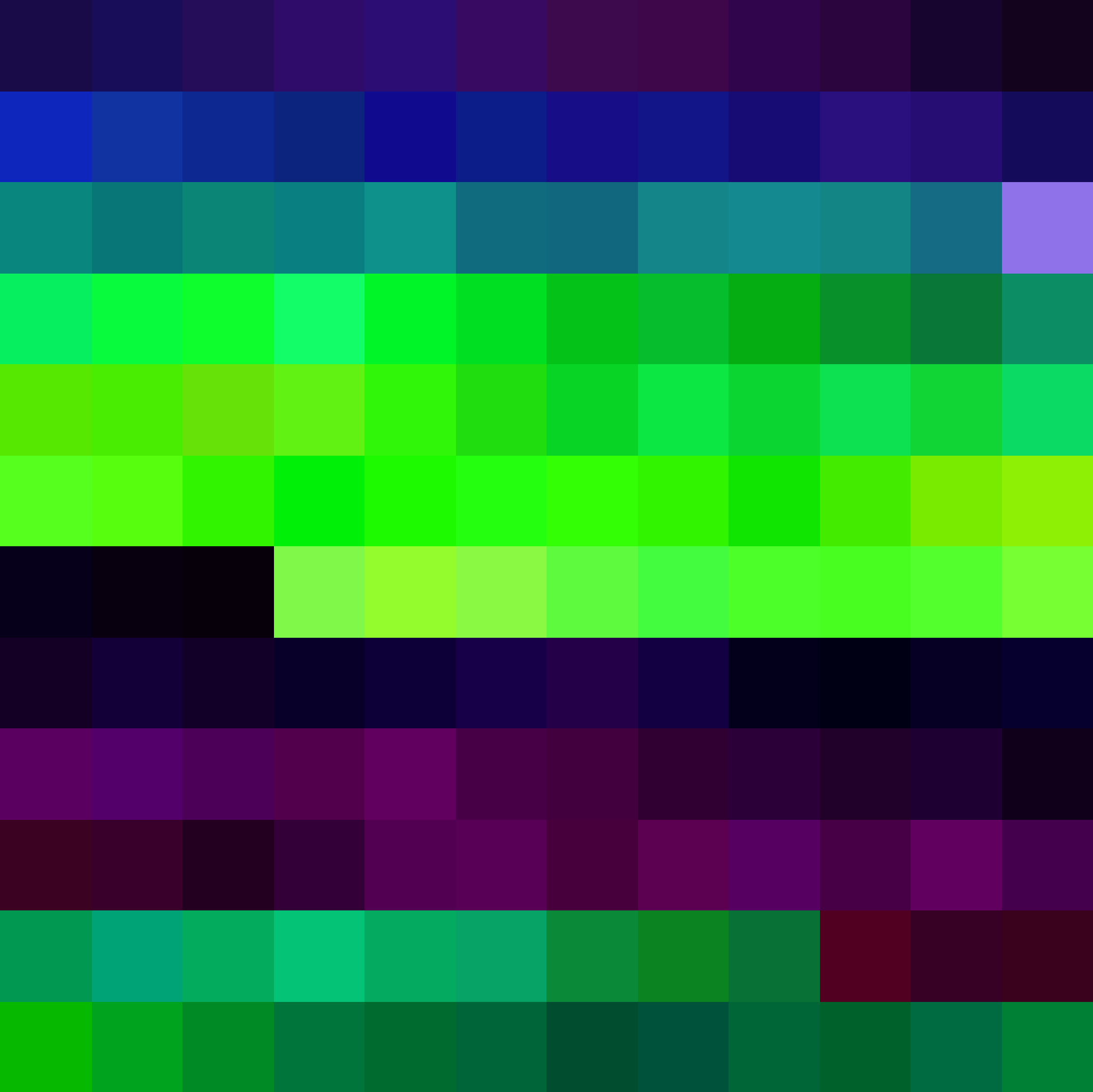
The cells in this 8 by 8 pixel grid form a gradient. It is mostly blue, and it also has quite some indigo, a little bit of violet, and a tiny bit of purple in it.
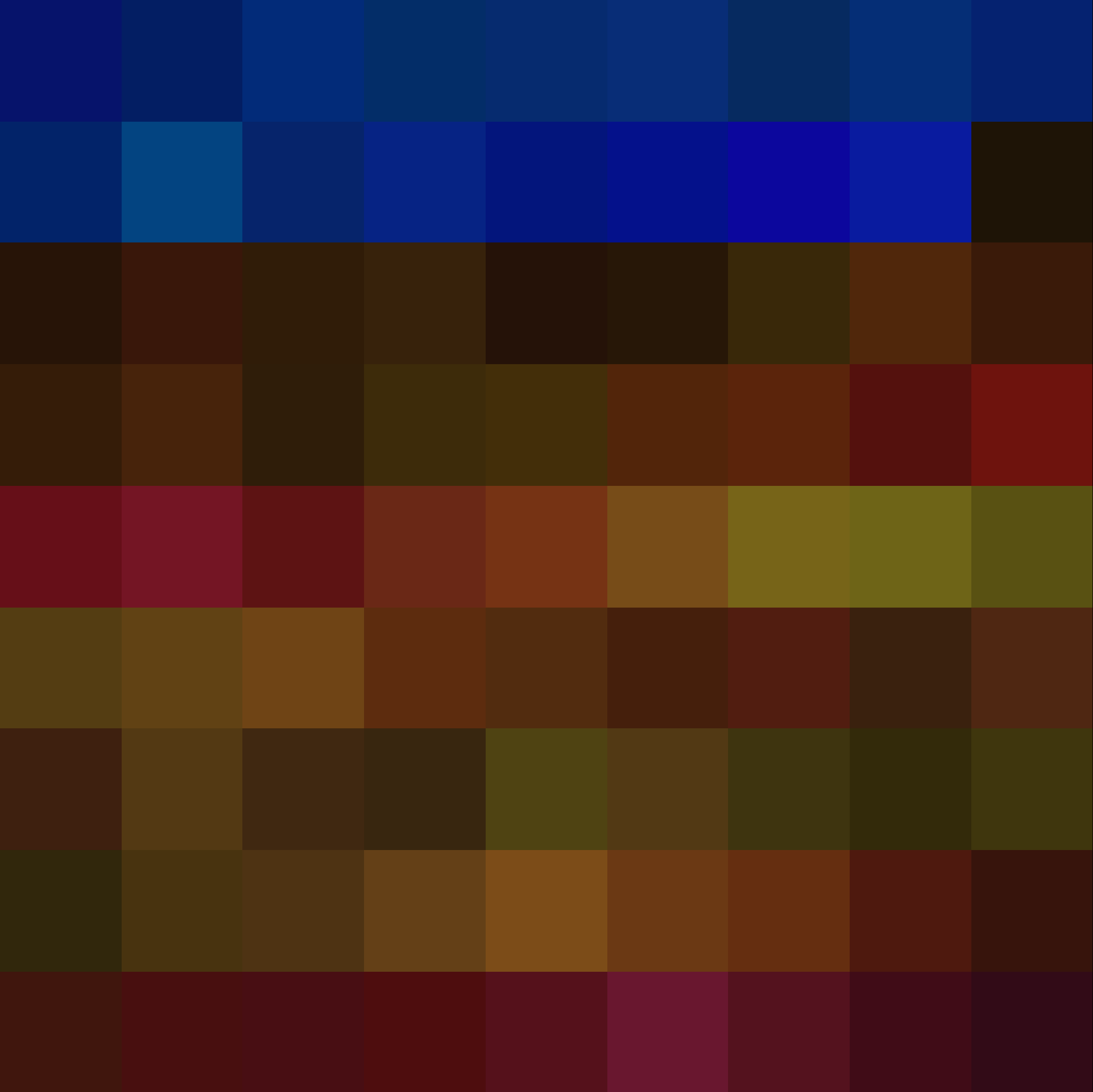
The cells in this 7 by 7 pixel grid form a gradient. It is mostly cyan, but it also has quite some blue, and a little bit of green in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly yellow, but it also has quite some green, and quite some lime in it.
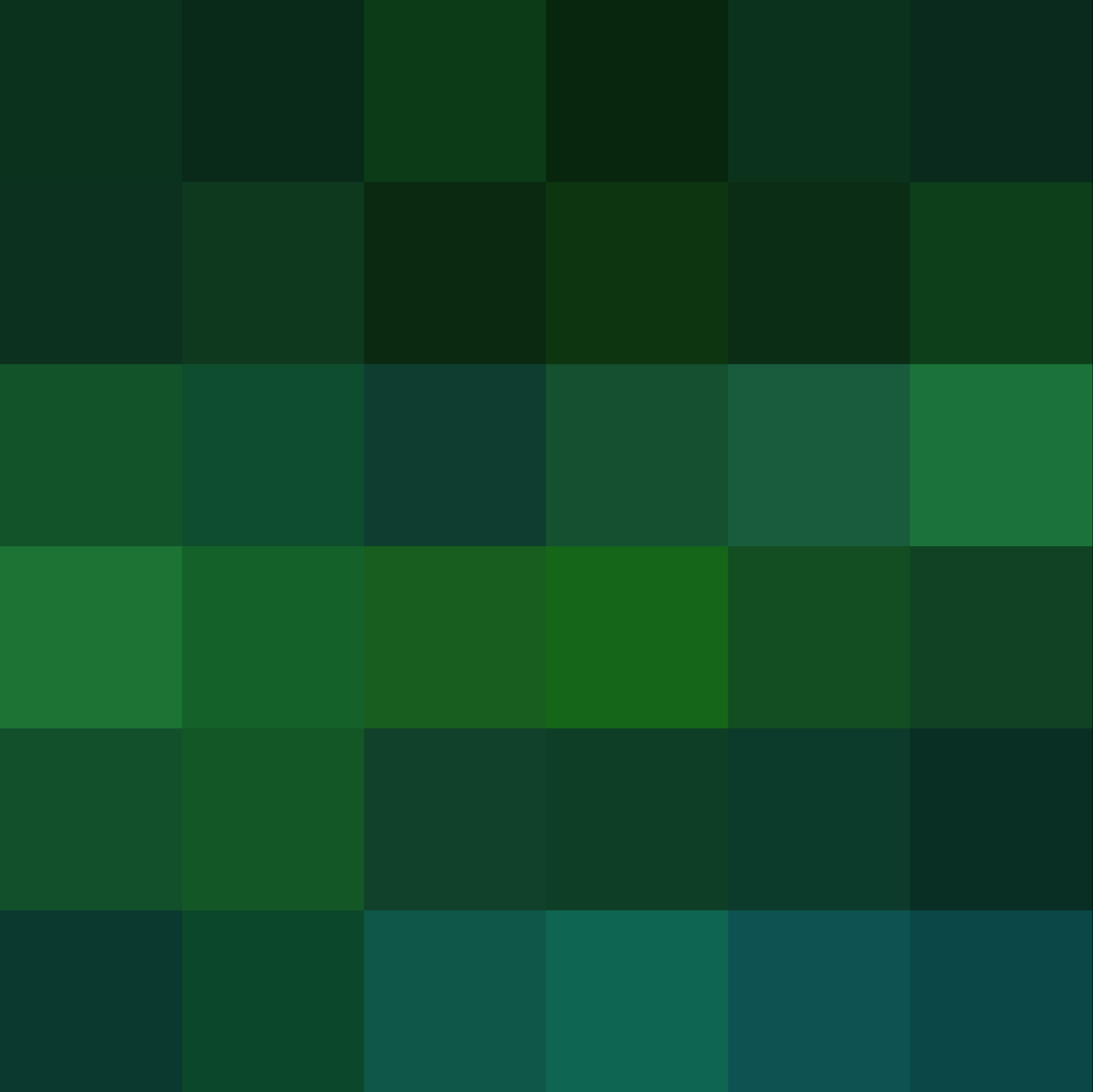
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has some indigo, some magenta, a bit of purple, a bit of cyan, a little bit of blue, a little bit of violet, and a tiny bit of rose in it.

This colourful pixel gradient—it is 9 cells wide,
9 cells high—is mostly orange, and it also has
quite some red, quite some blue, a bit of yellow,
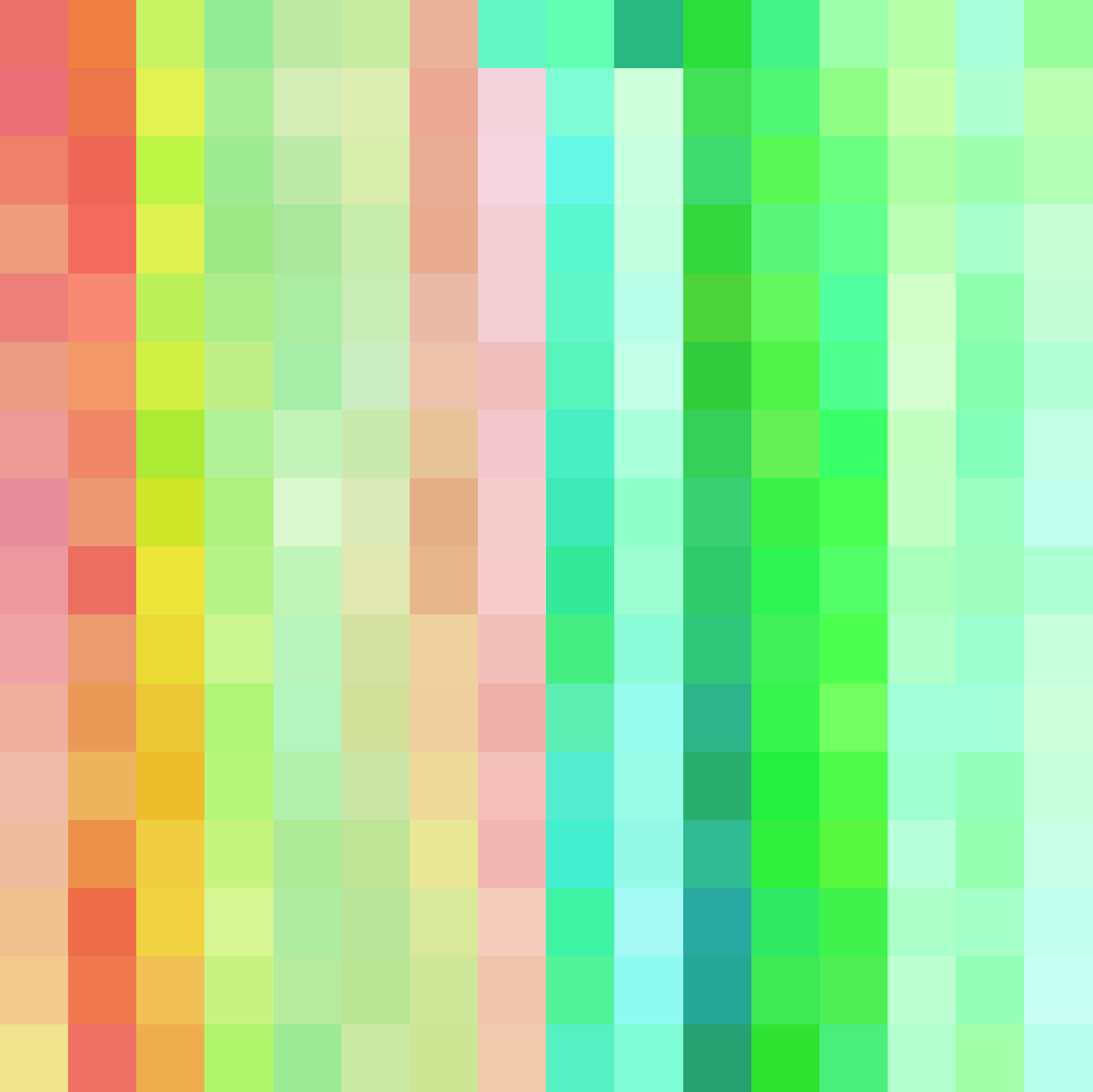and a tiny bit of indigo in it.

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

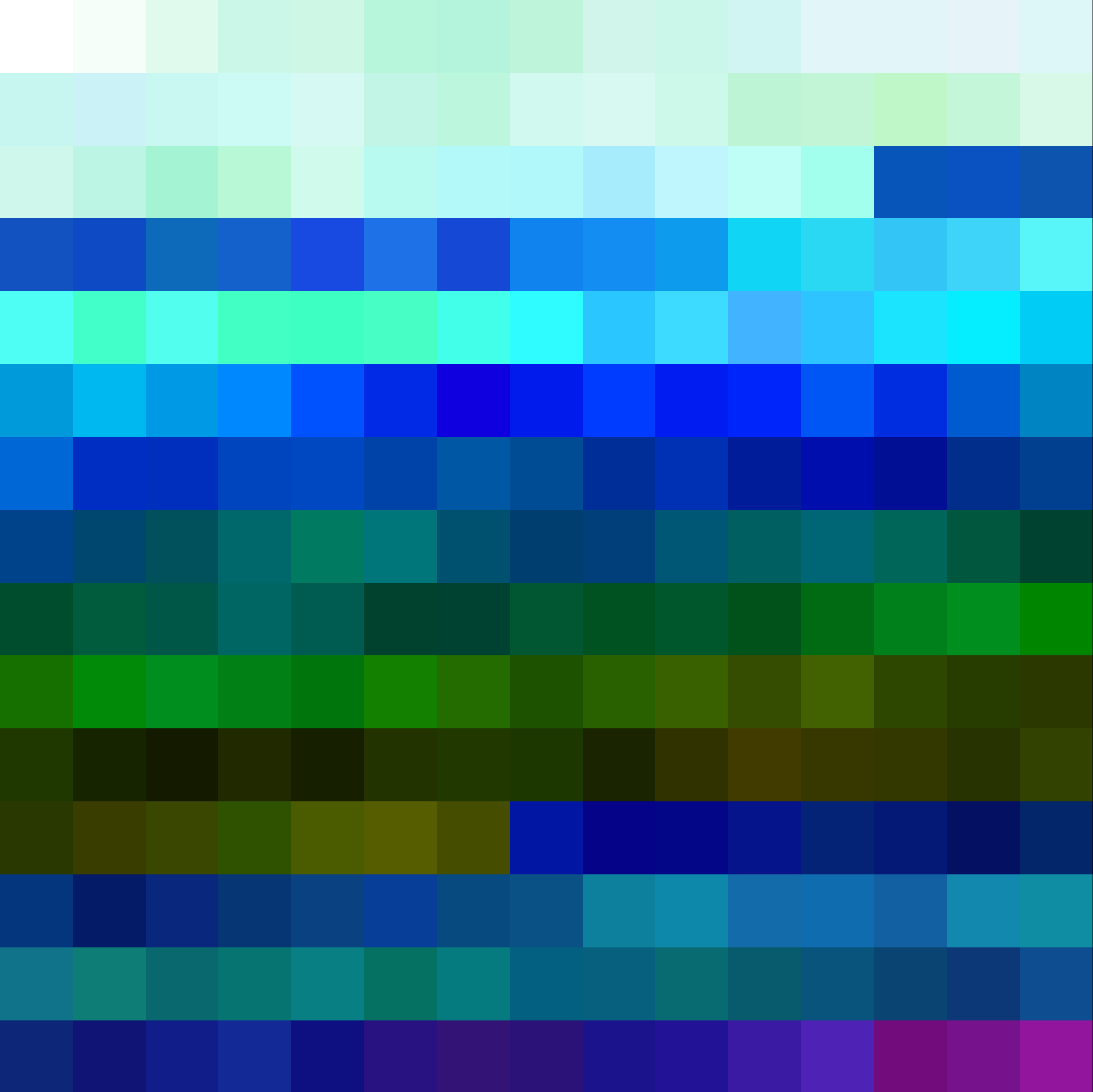A two tone grid of 36 blocks. It's mostly green, but it also has some cyan in it.

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

The cells in this 16 by 16 pixel grid form a very colourful gradient. It is mostly green, and it also has some red, some orange, a little bit of cyan, a little bit of yellow, and a little bit of lime in it.
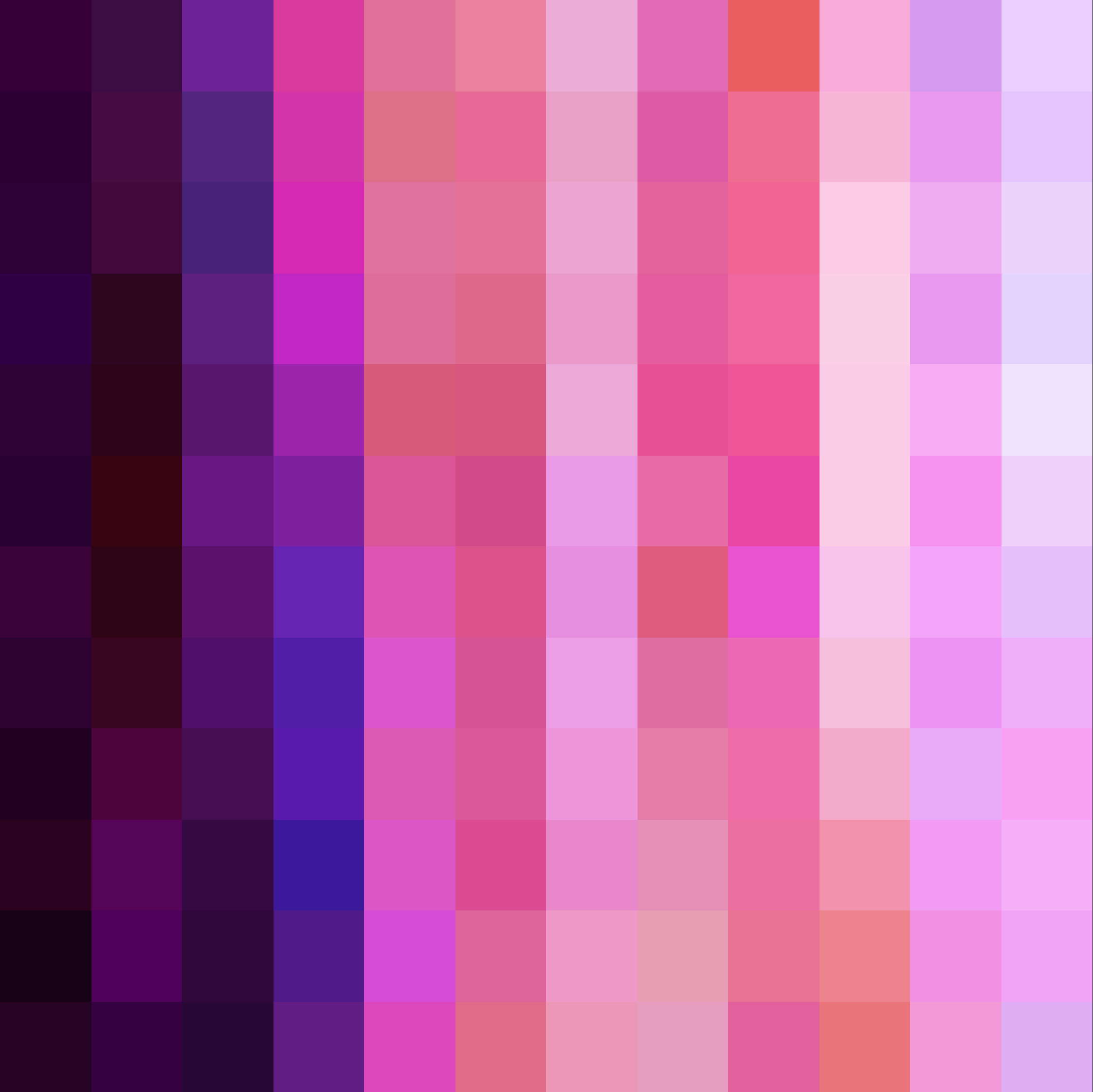
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, and it also has quite some red, quite some magenta, some orange, a bit of rose, and a bit of violet in it.
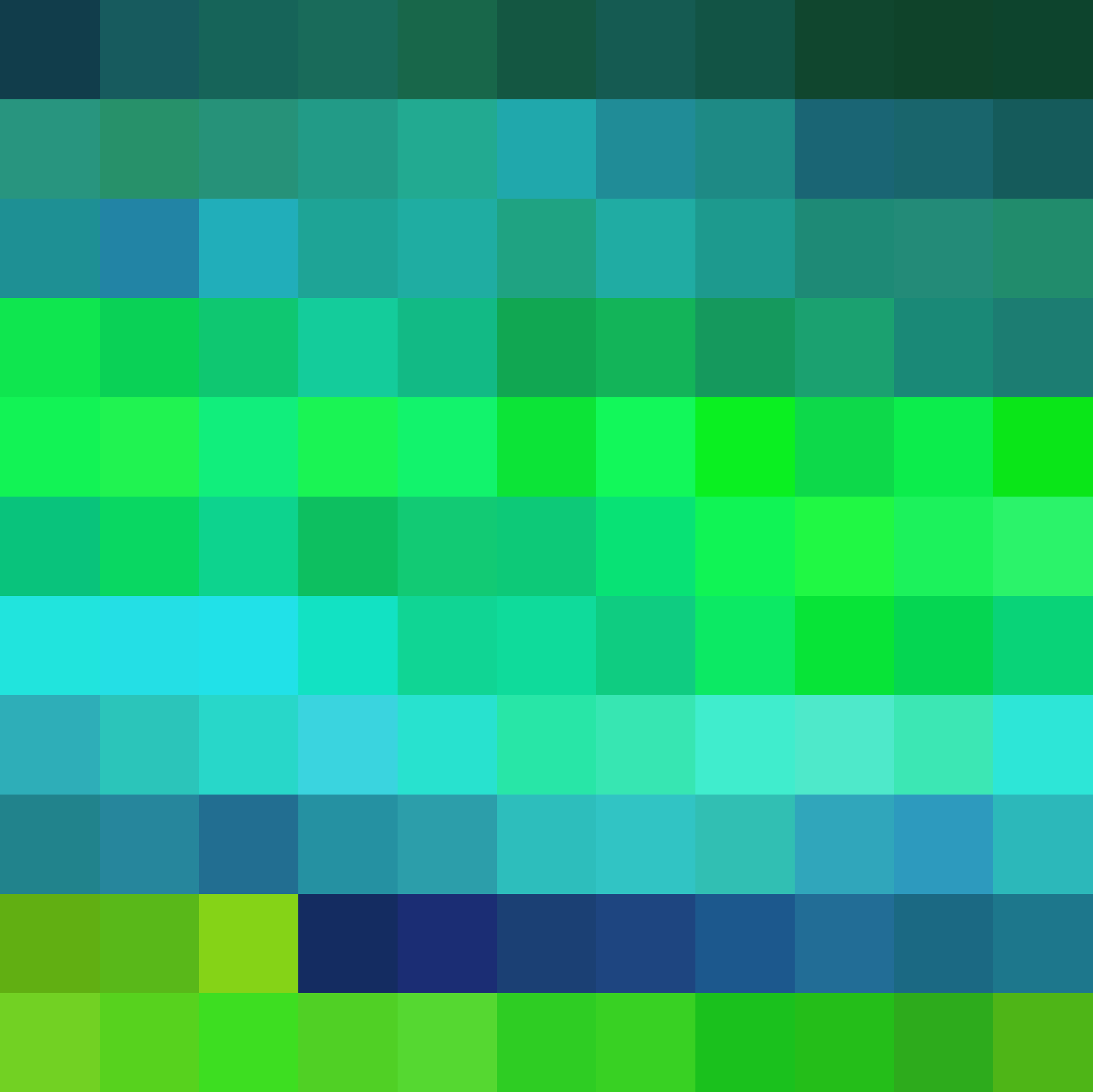
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some green, quite some cyan, a little bit of lime, a little bit of indigo, a little bit of yellow, a tiny bit of magenta, and a tiny bit of purple in it.
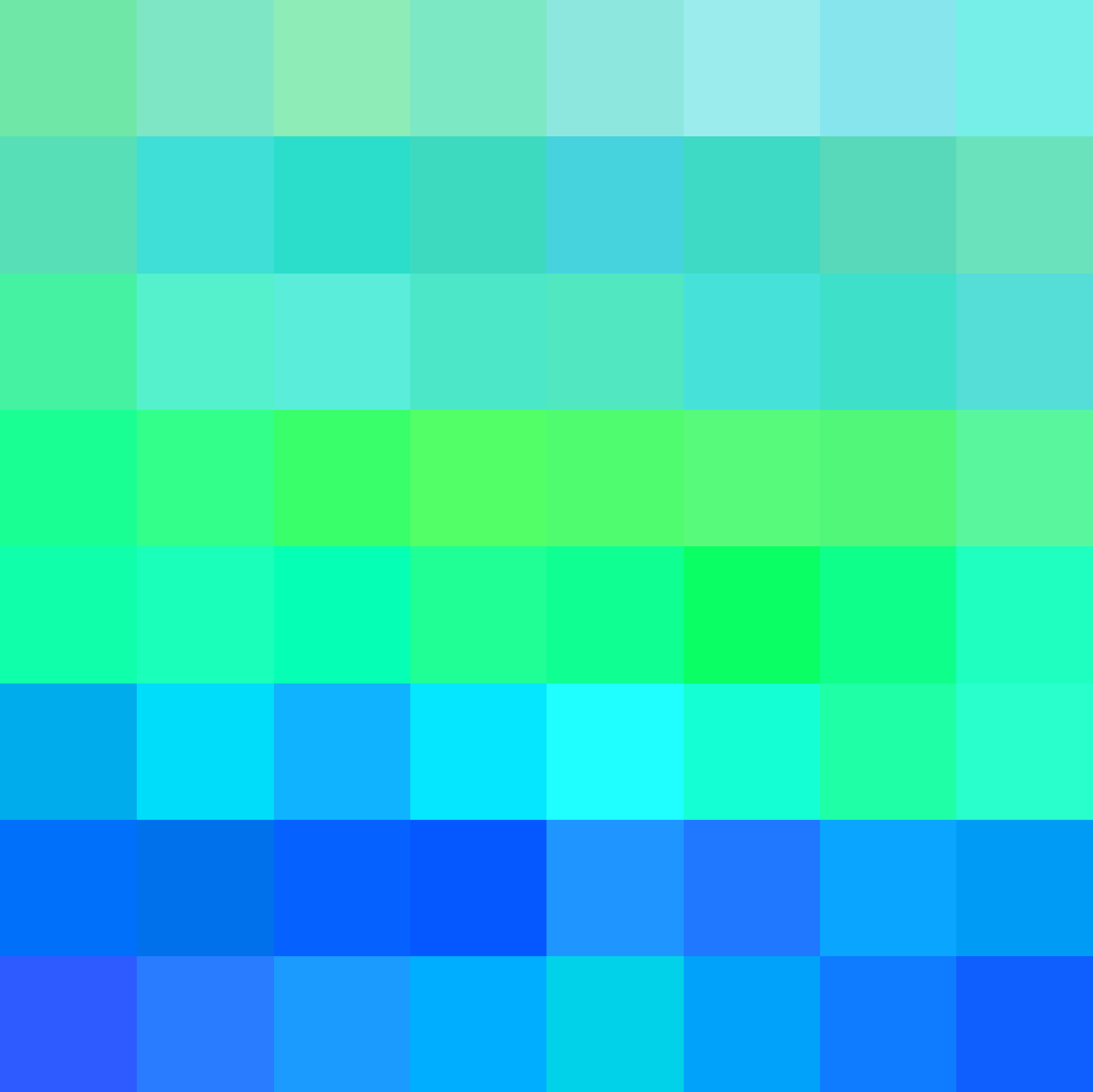
A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some red, a bit of yellow, a little bit of orange, and a little bit of lime in it.
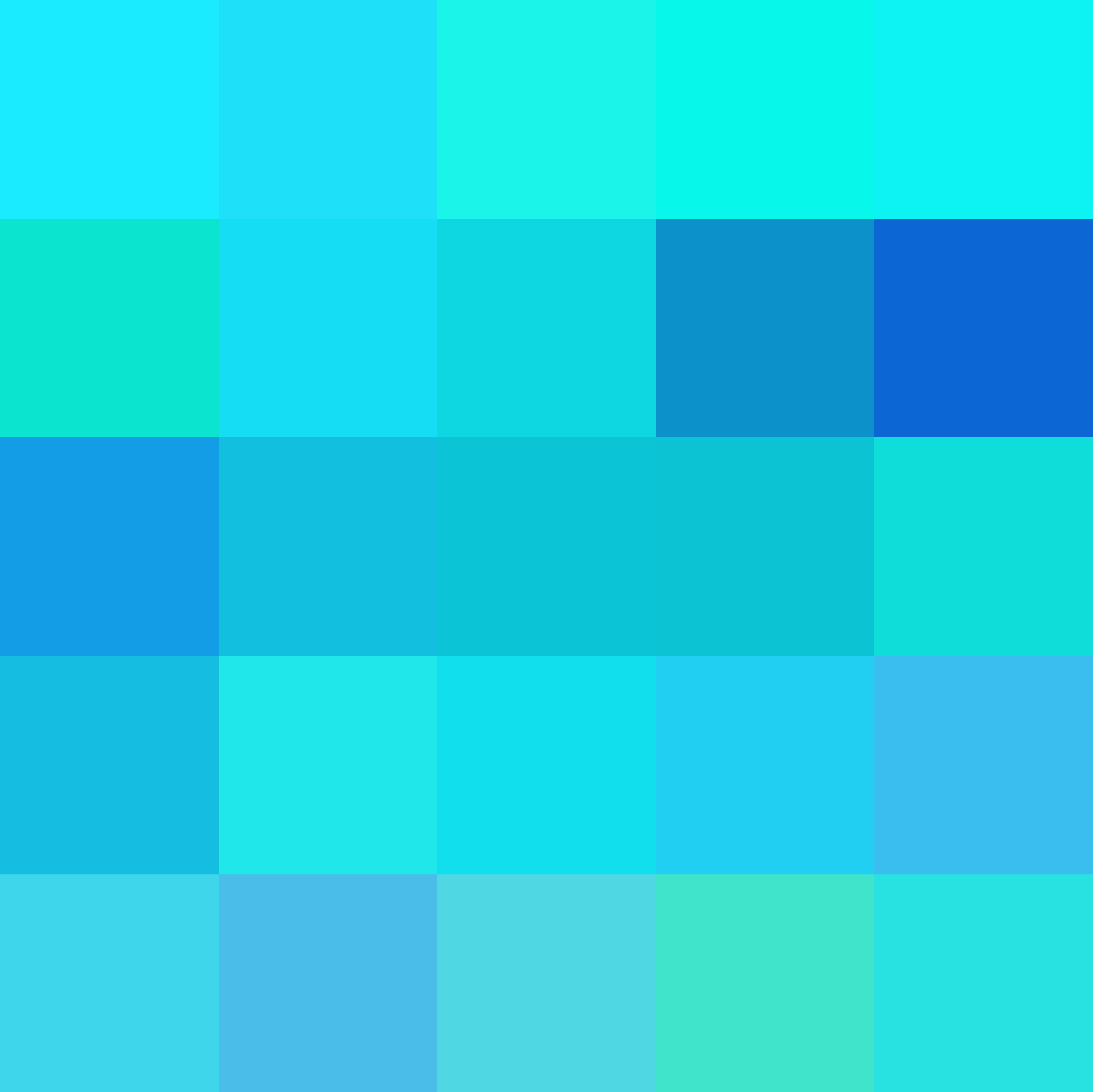
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly magenta, and it also has quite some rose, some purple, a little bit of violet, a little bit of red, and a tiny bit of indigo in it.
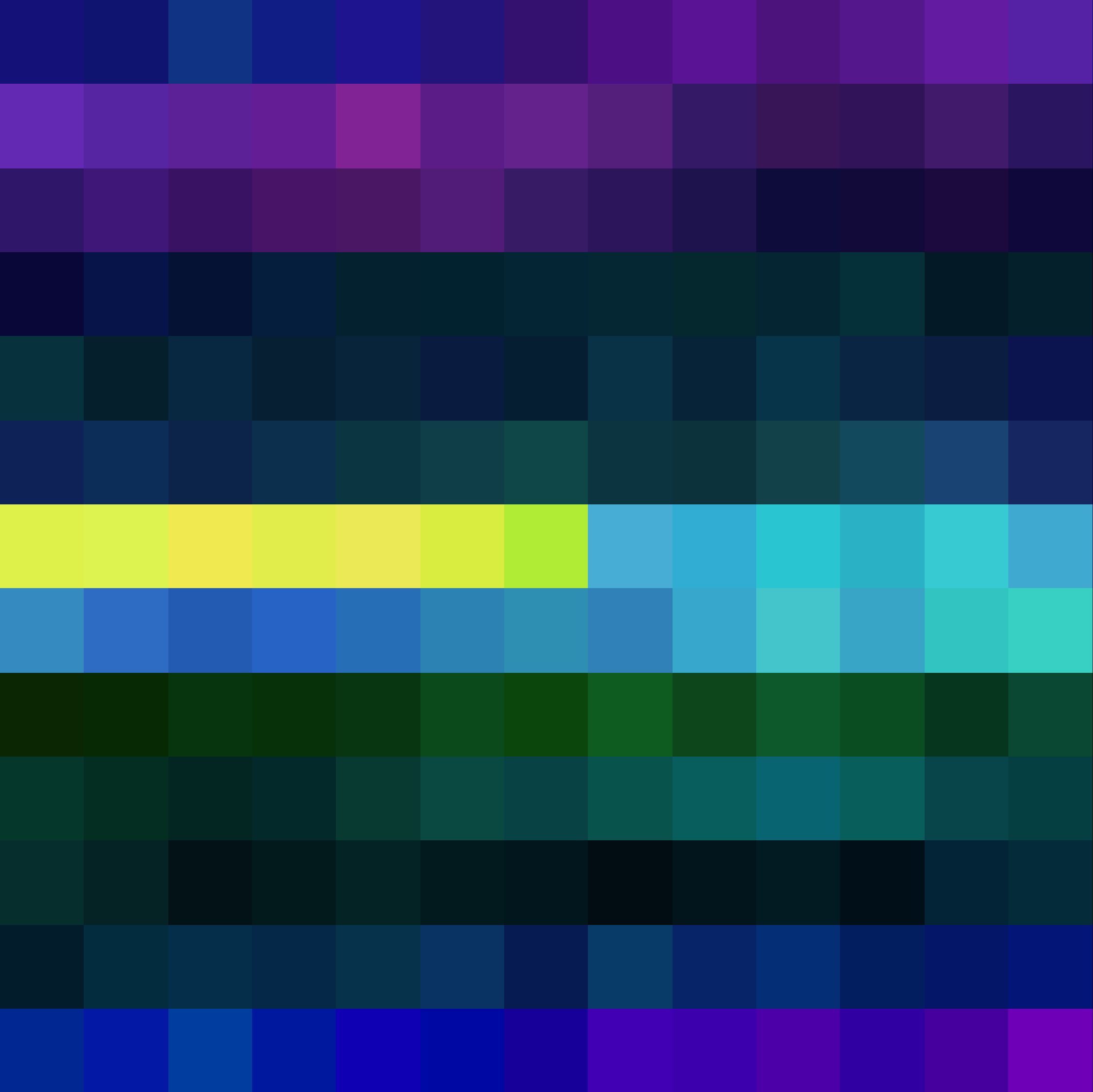
There's a pixel gradient in this 11 by 11 grid. It is mostly green, but it also has quite some cyan, and a bit of blue in it.
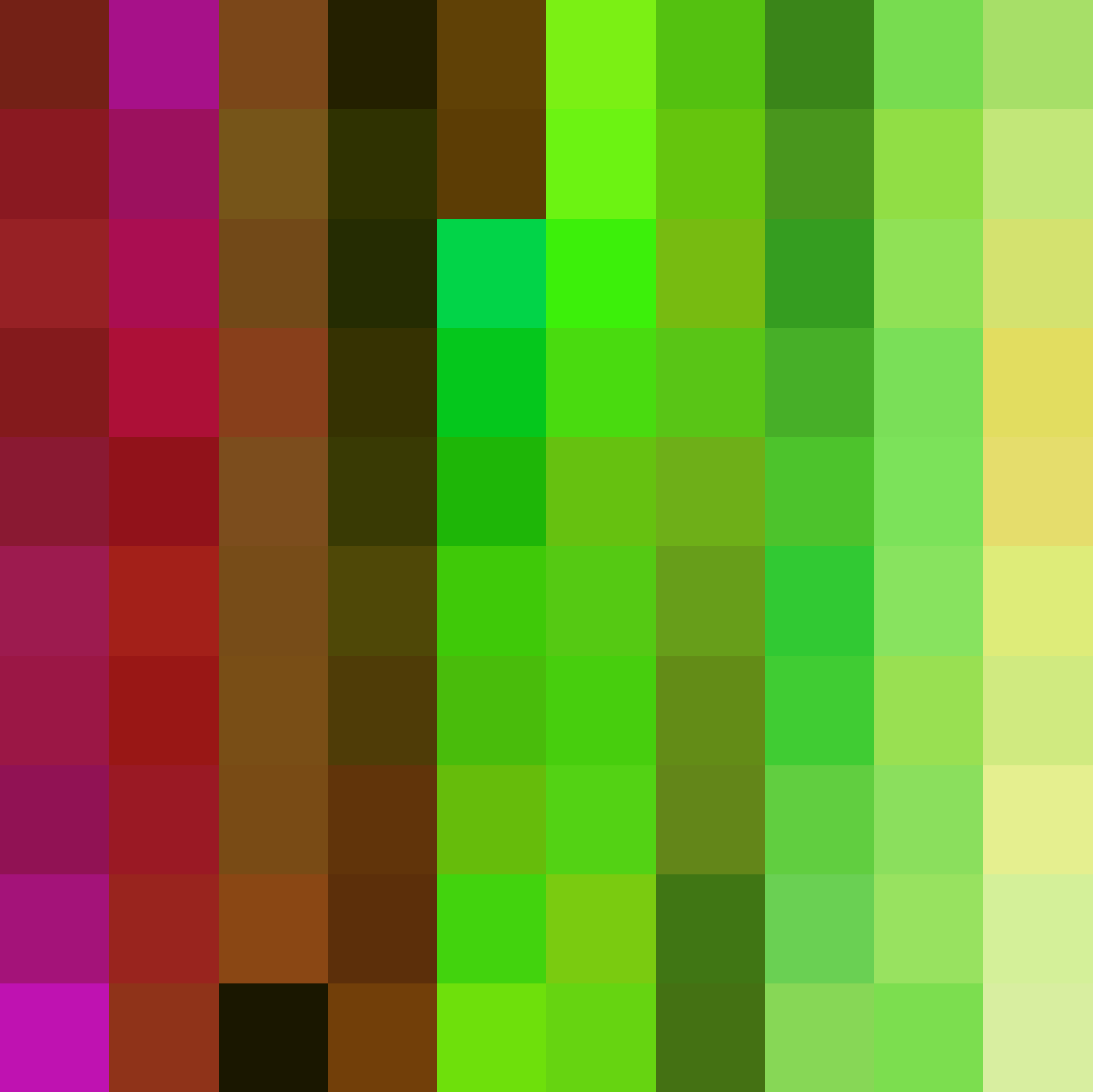
A grid with 64 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some cyan, and quite some blue in it.
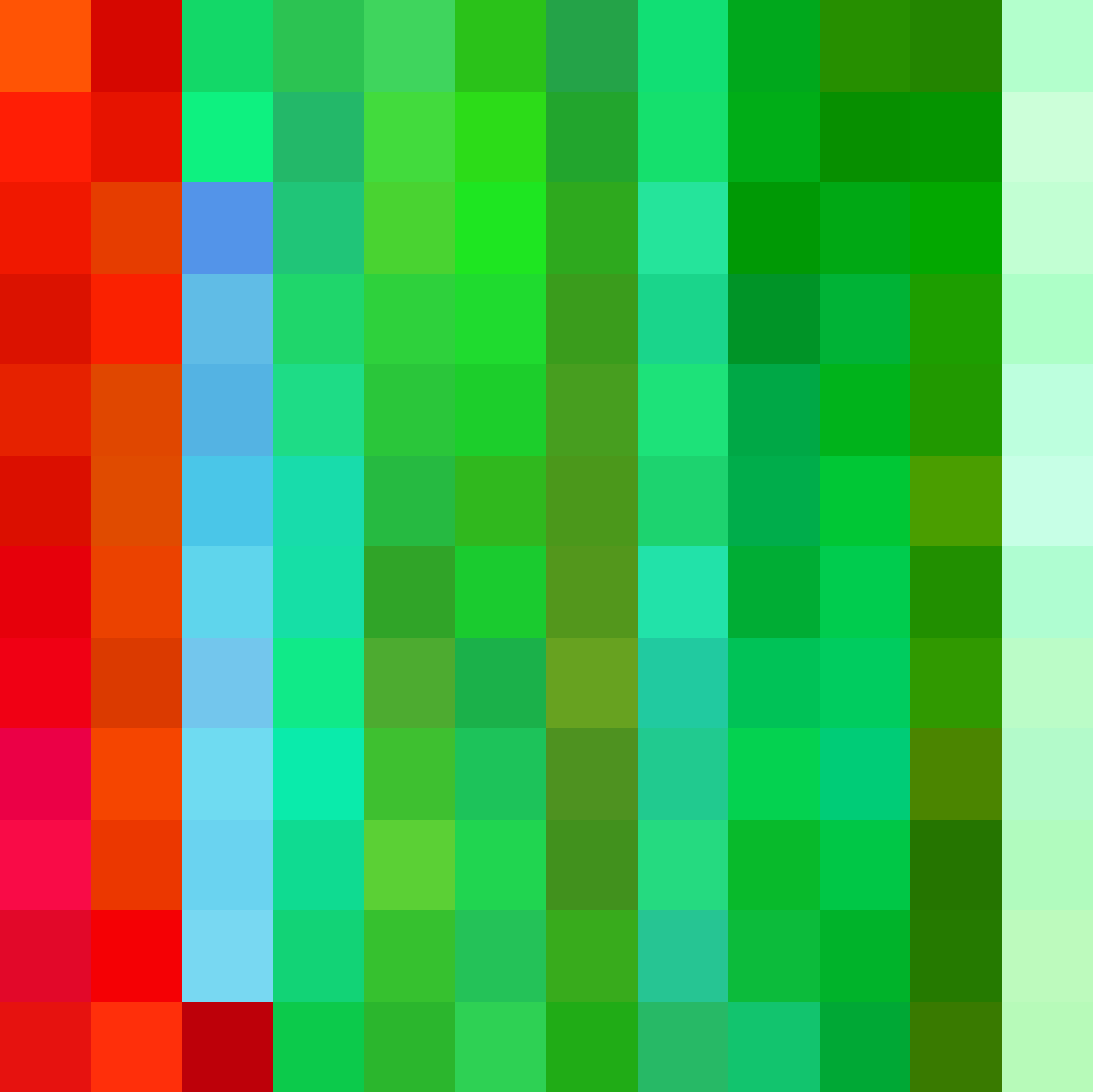
The two tone gradient in this 5 by 5 pixel grid is mostly cyan, and it also has quite some blue in it.
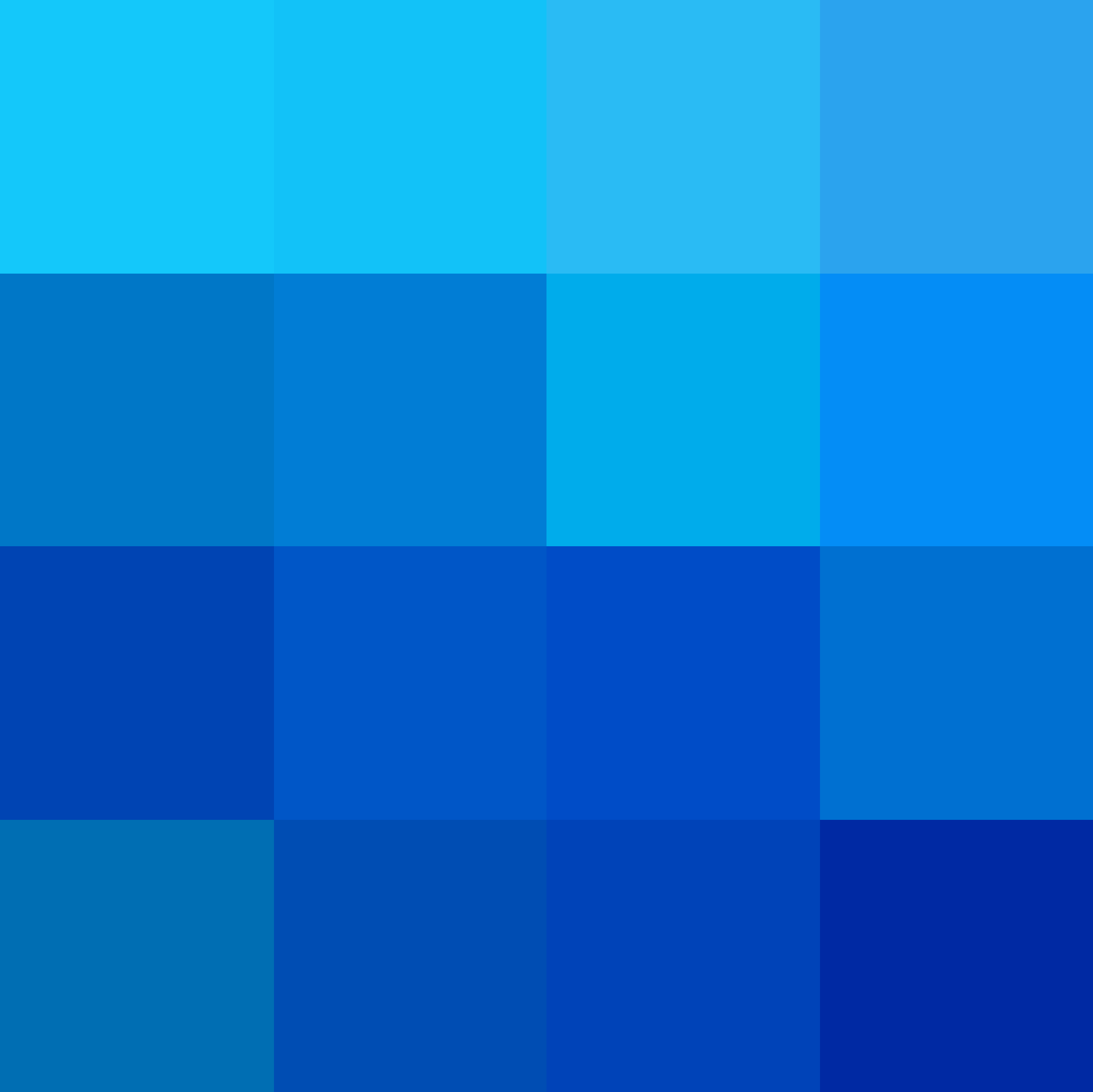
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly blue, and it also has some cyan, a bit of violet, a bit of purple, a bit of green, a bit of indigo, and a little bit of yellow in it.
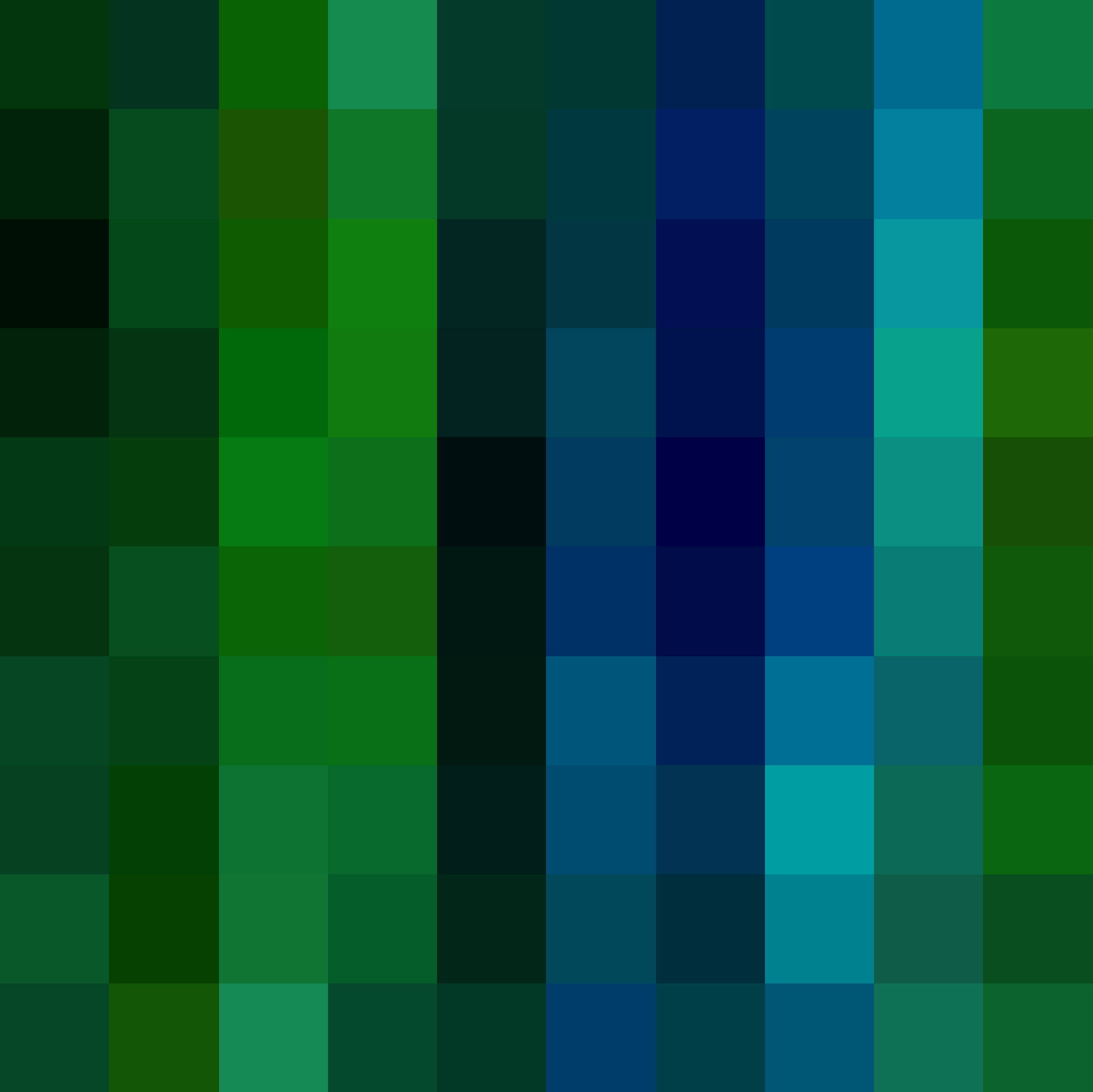
This colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has quite some red, some orange, some yellow, and a little bit of lime in it.
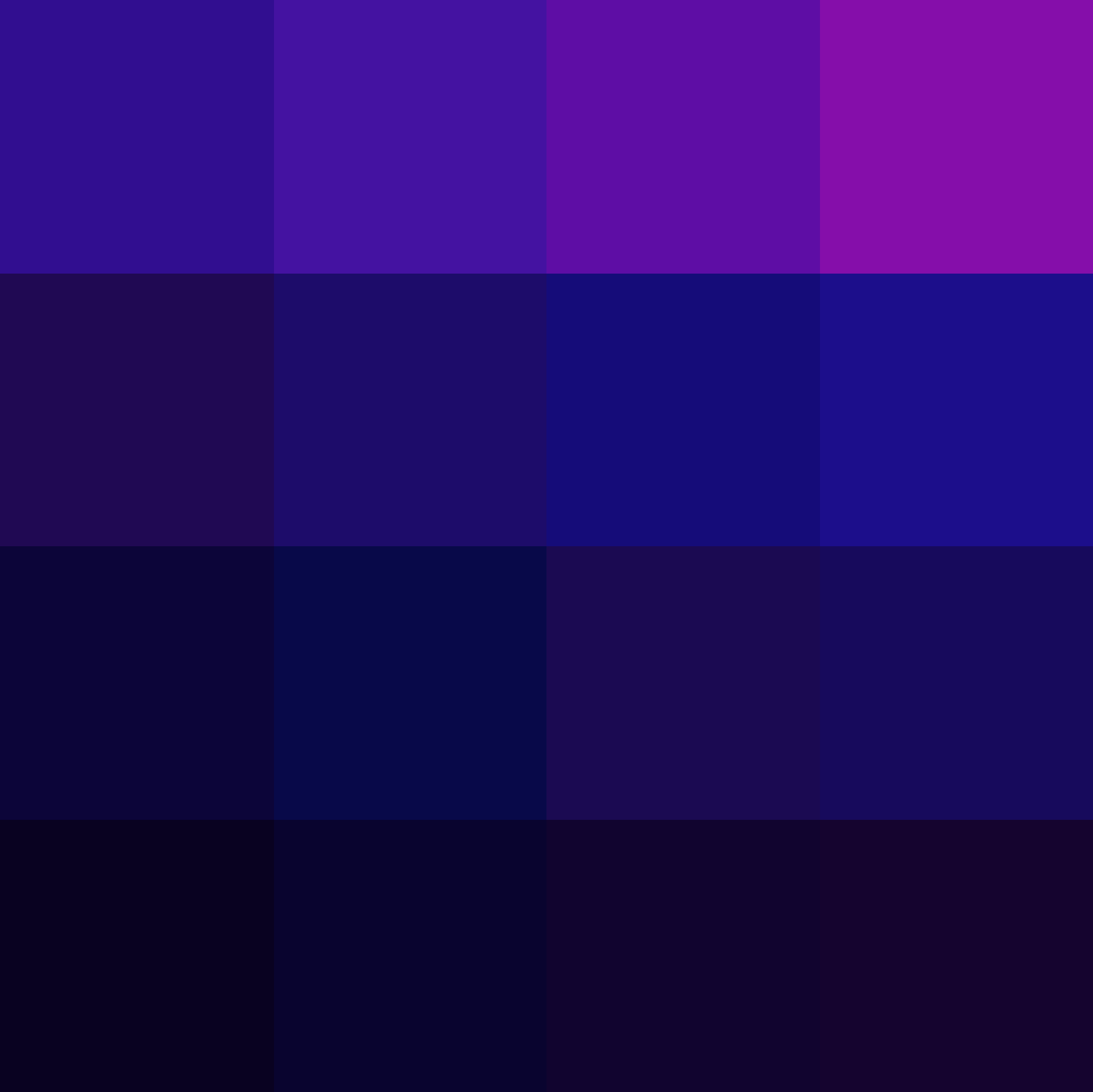
The cells in this 12 by 12 pixel grid form a colourful gradient. It is mostly green, but it also has some red, a little bit of orange, a little bit of cyan, and a little bit of blue in it.
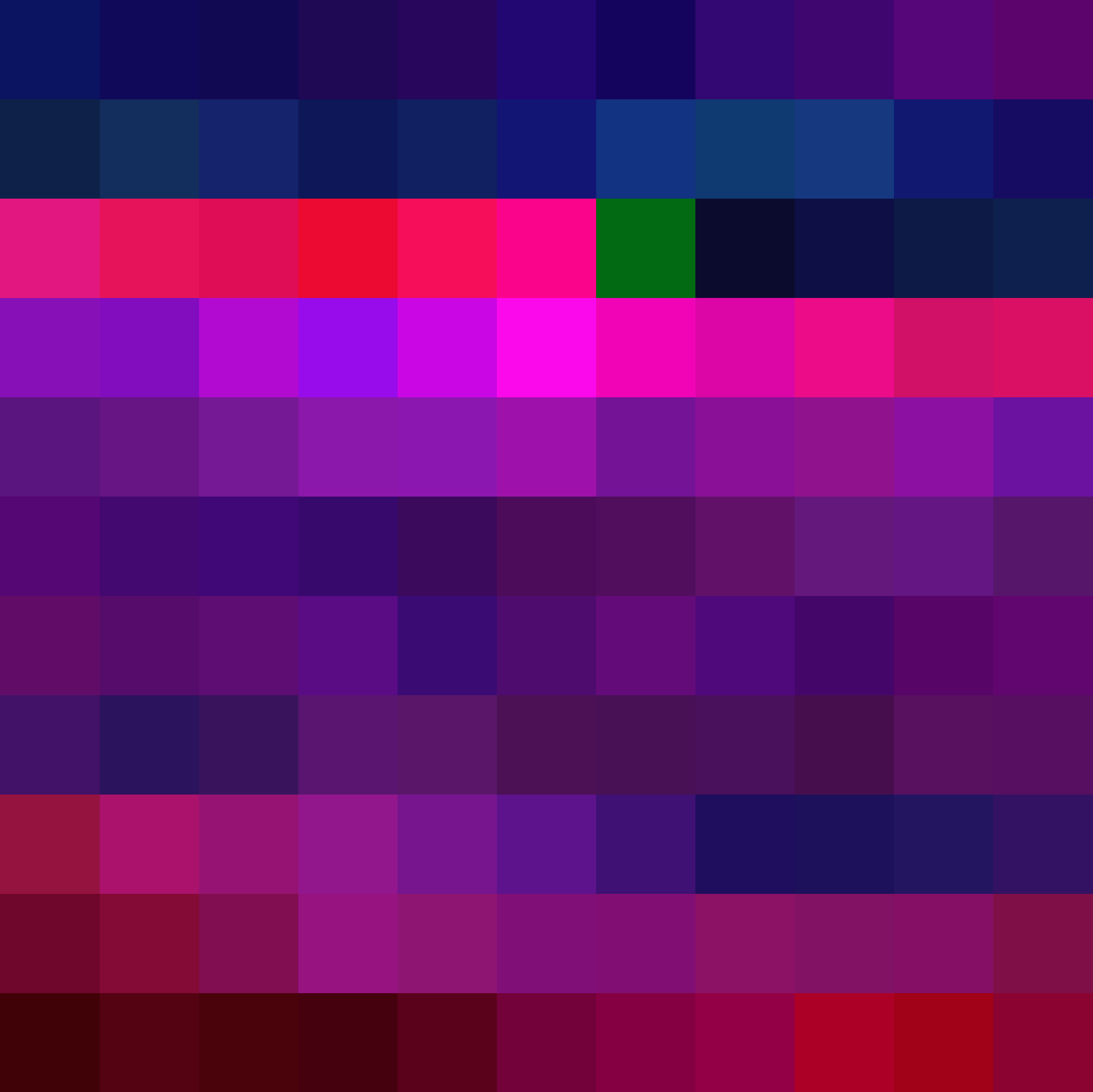
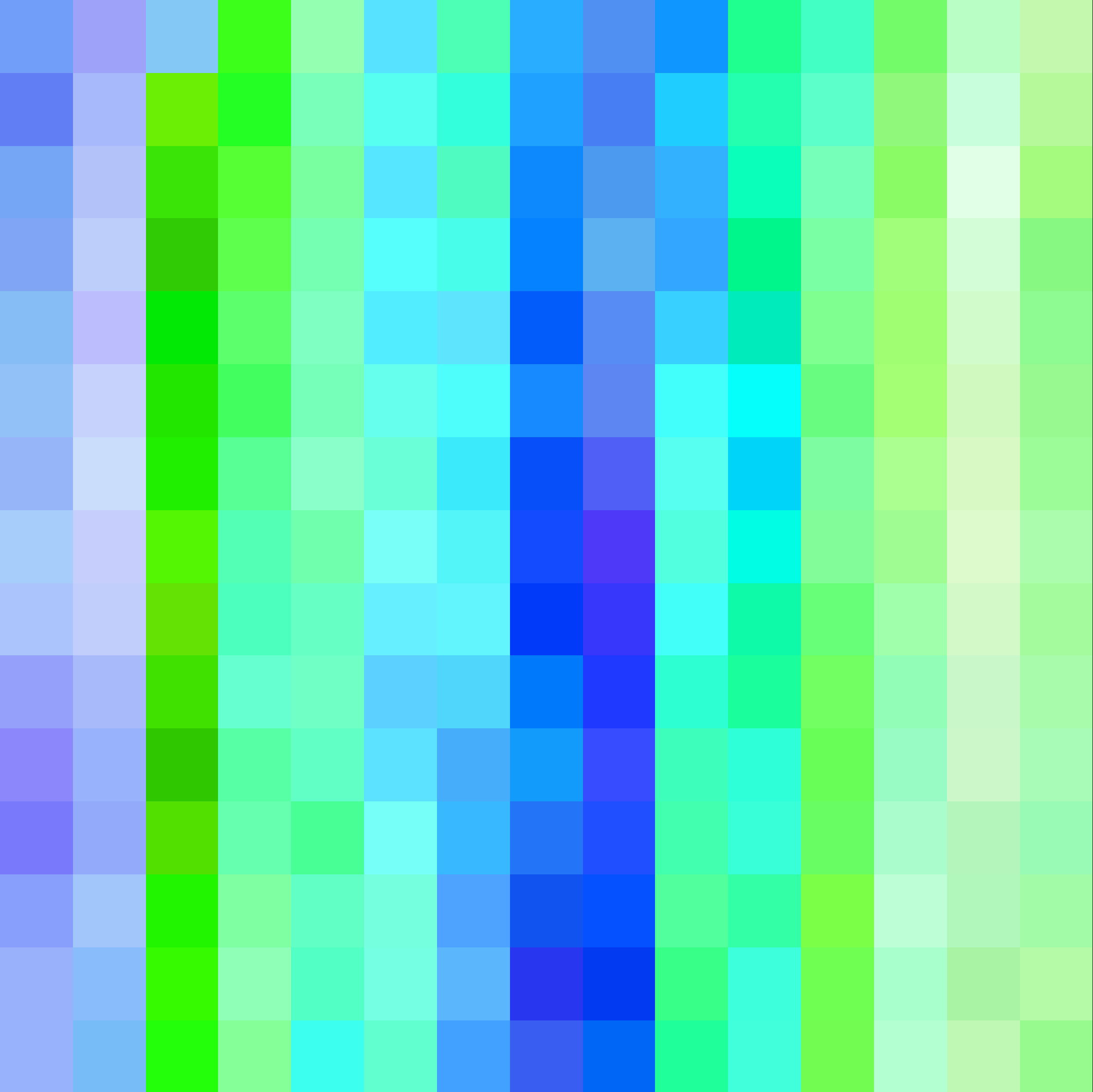A two tone grid of 16 blocks. It's mostly blue, but it also has a little bit of cyan in it.

A grid with 100 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.
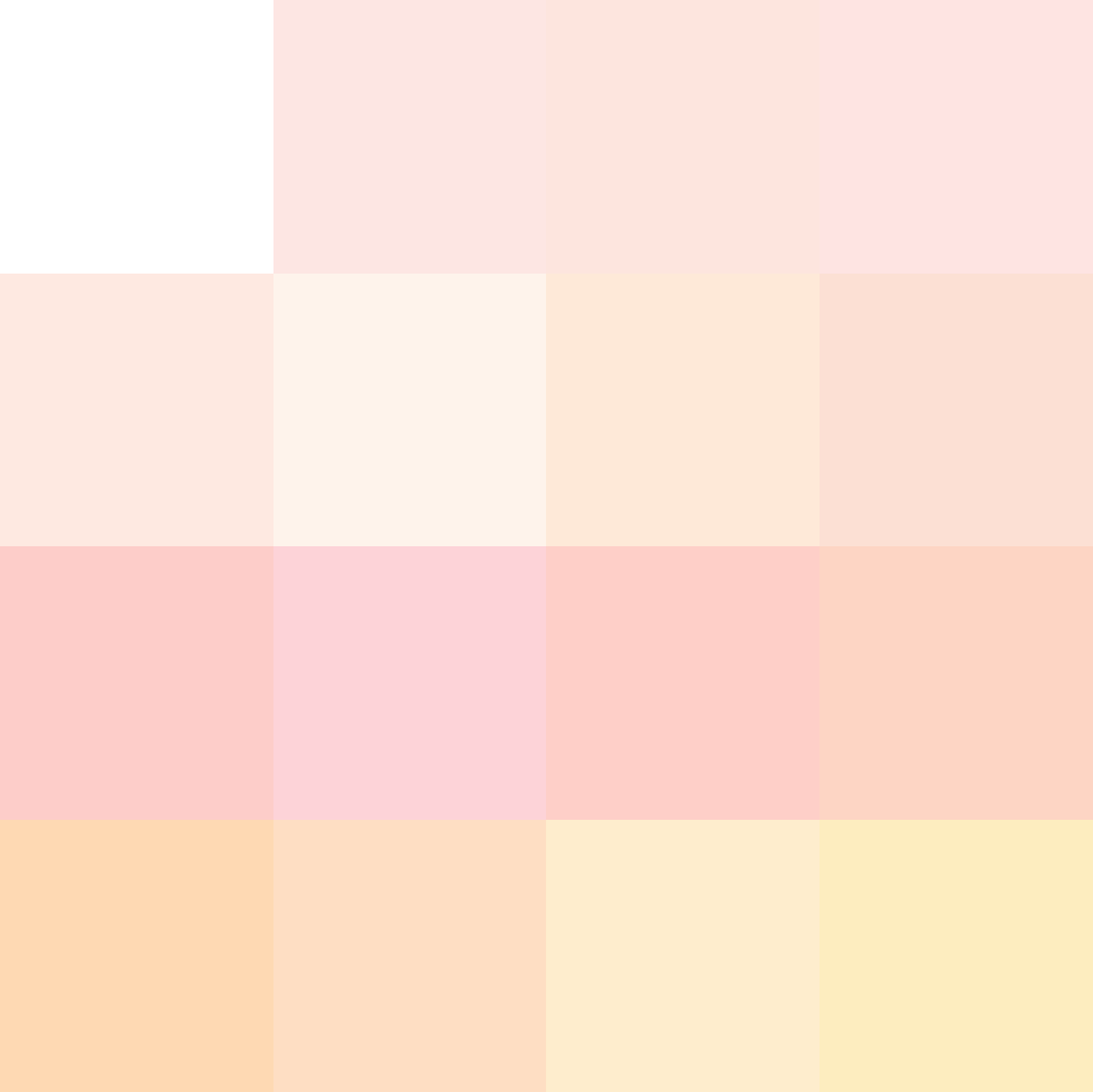
There's a pixel gradient in this 4 by 4 grid. It is mostly indigo, but it also has some purple, some violet, and a little bit of blue in it.
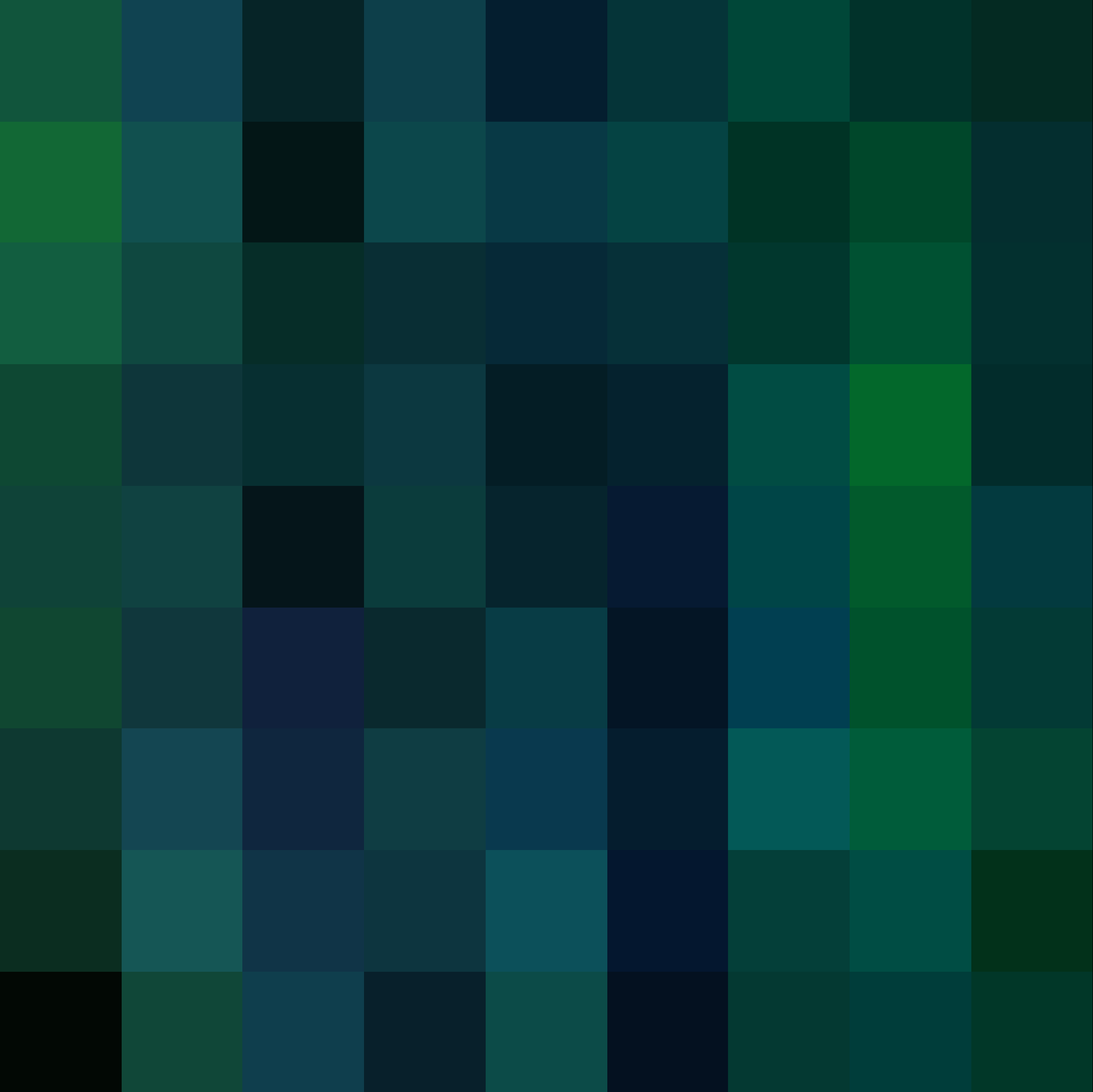
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly purple, but it also has quite some magenta, some rose, some blue, a bit of indigo, a little bit of violet, a little bit of red, and a tiny bit of green in it.
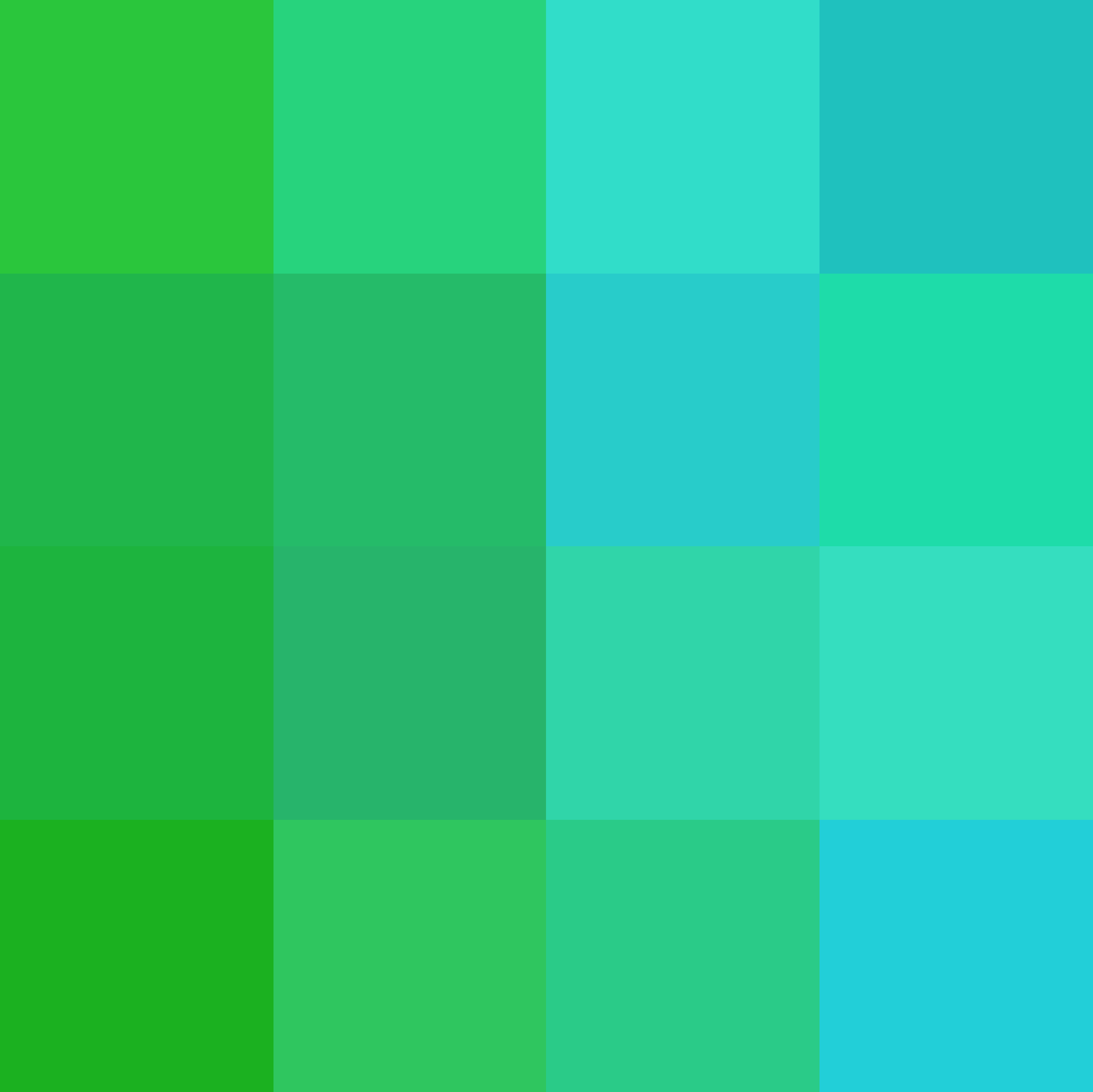
A grid of 225 blocks. It's mostly green, and it also has quite some blue, some cyan, and a tiny bit of indigo in it.
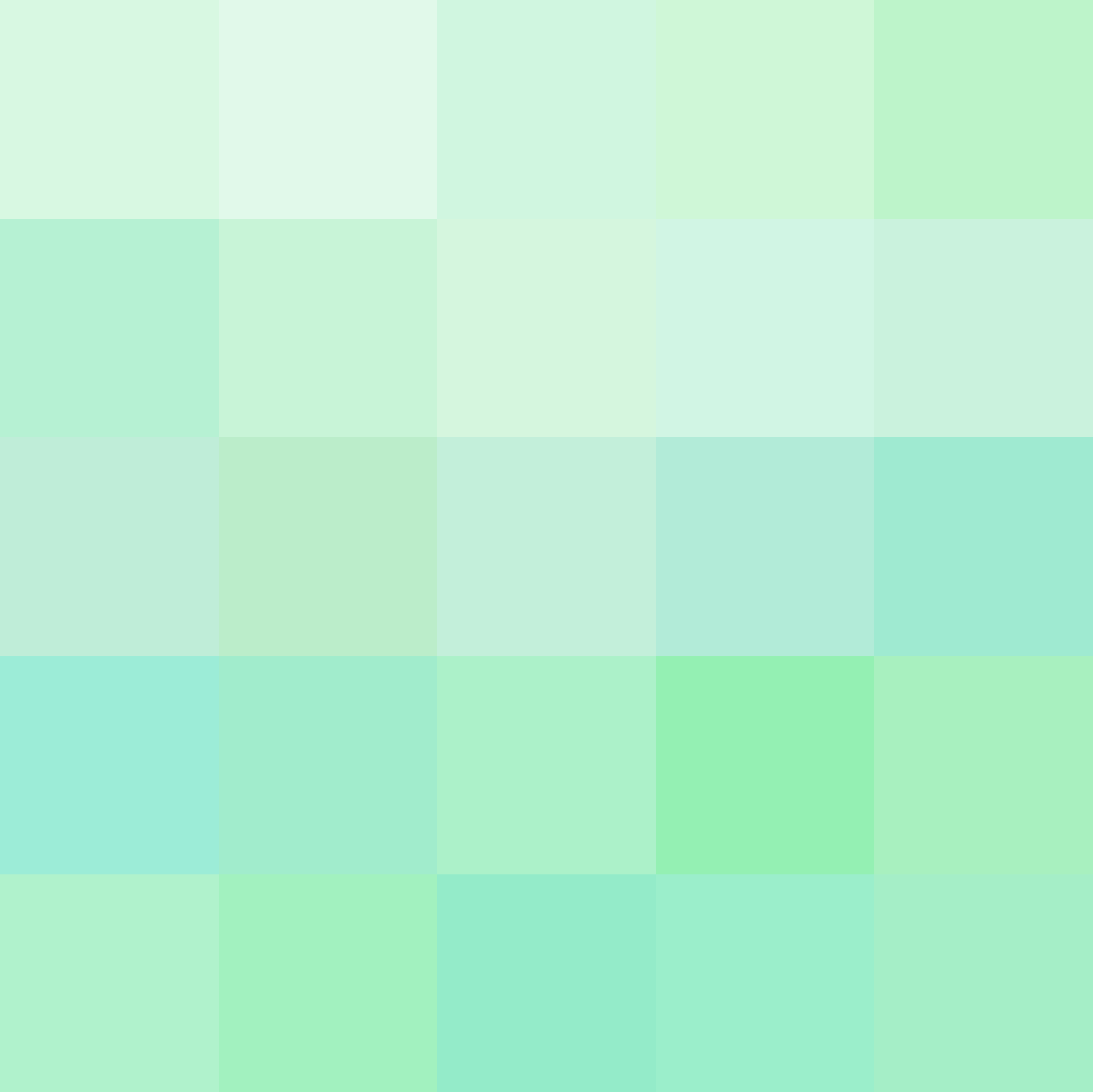
A grid with 16 coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has a lot of orange in it.
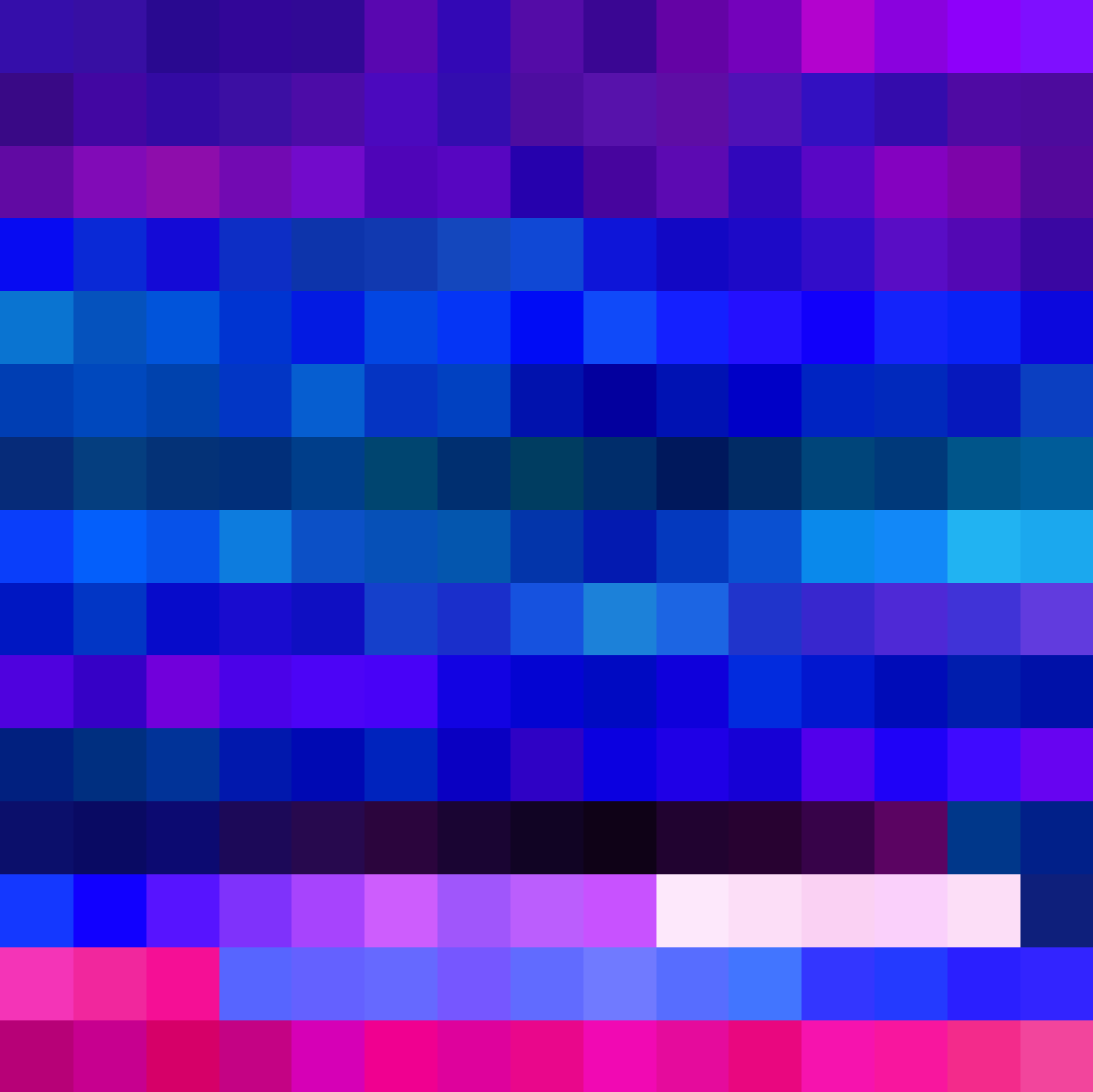
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has quite some blue, and quite some green in it.
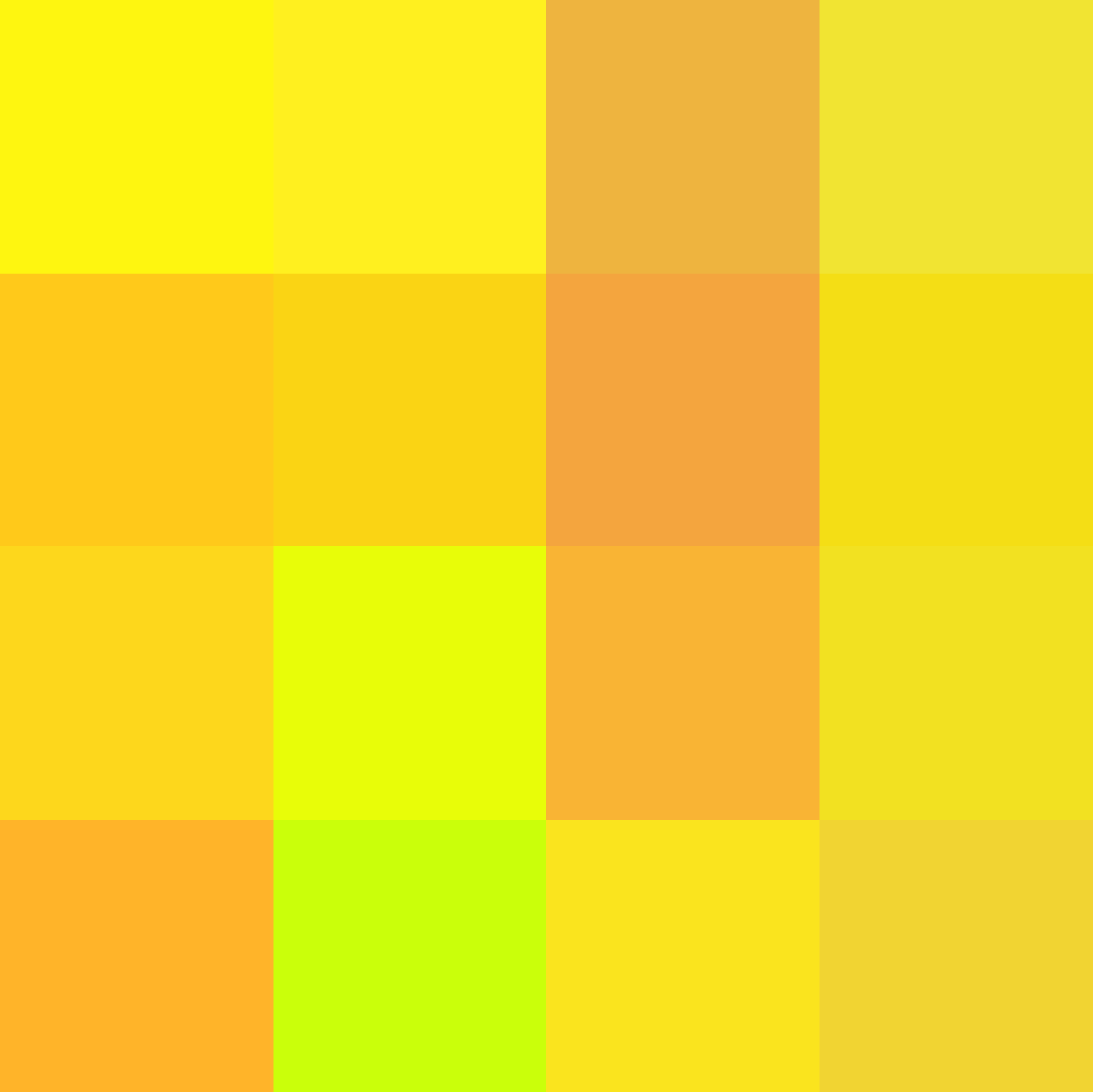
A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, and it also has a lot of cyan in it.

This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly green, and it also has a little bit of cyan in it.
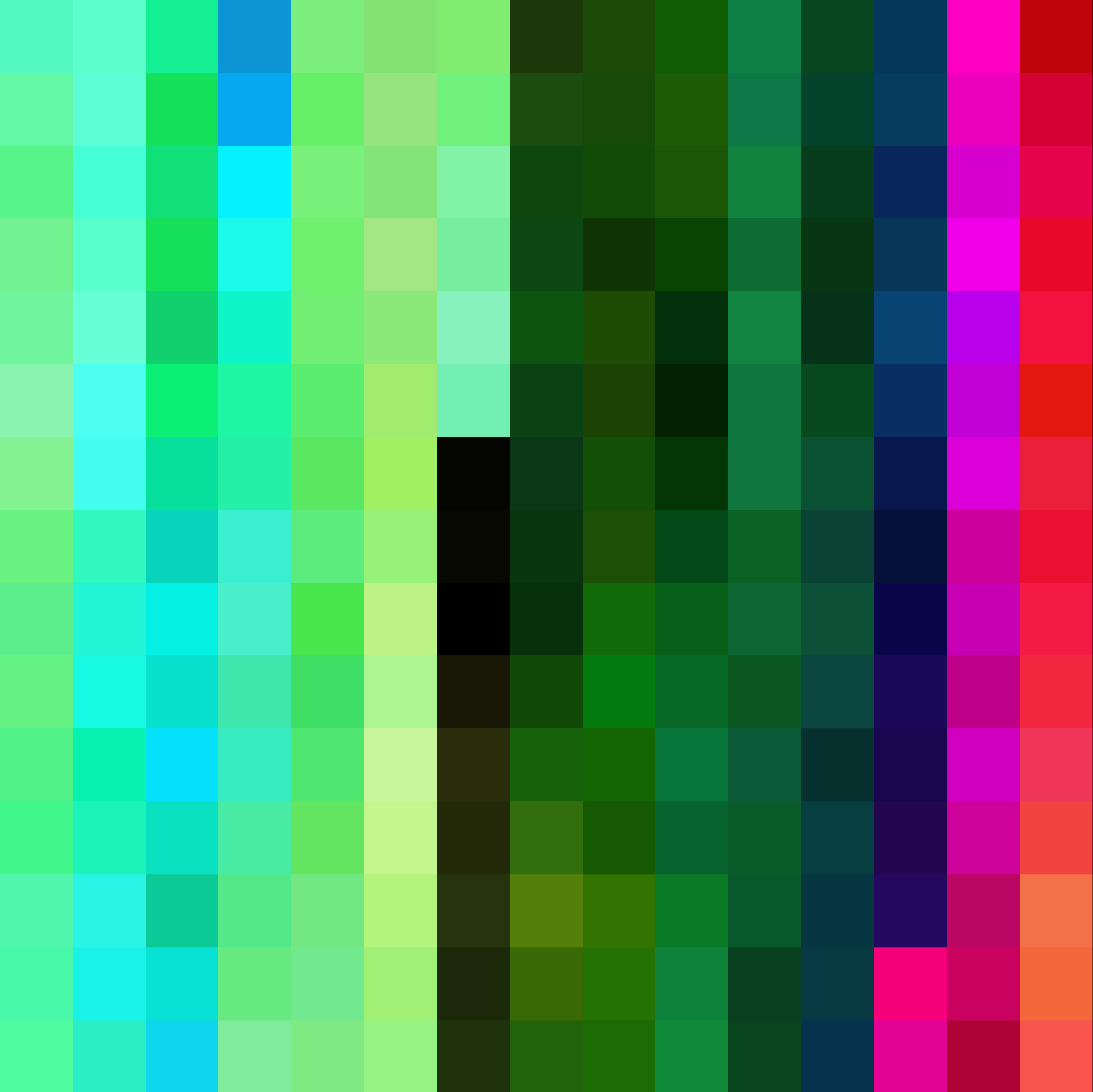
The very colourful gradient in this 15 by 15 pixel grid is mostly blue, but it also has quite some indigo, some violet, a bit of purple, a bit of magenta, and a tiny bit of rose in it.
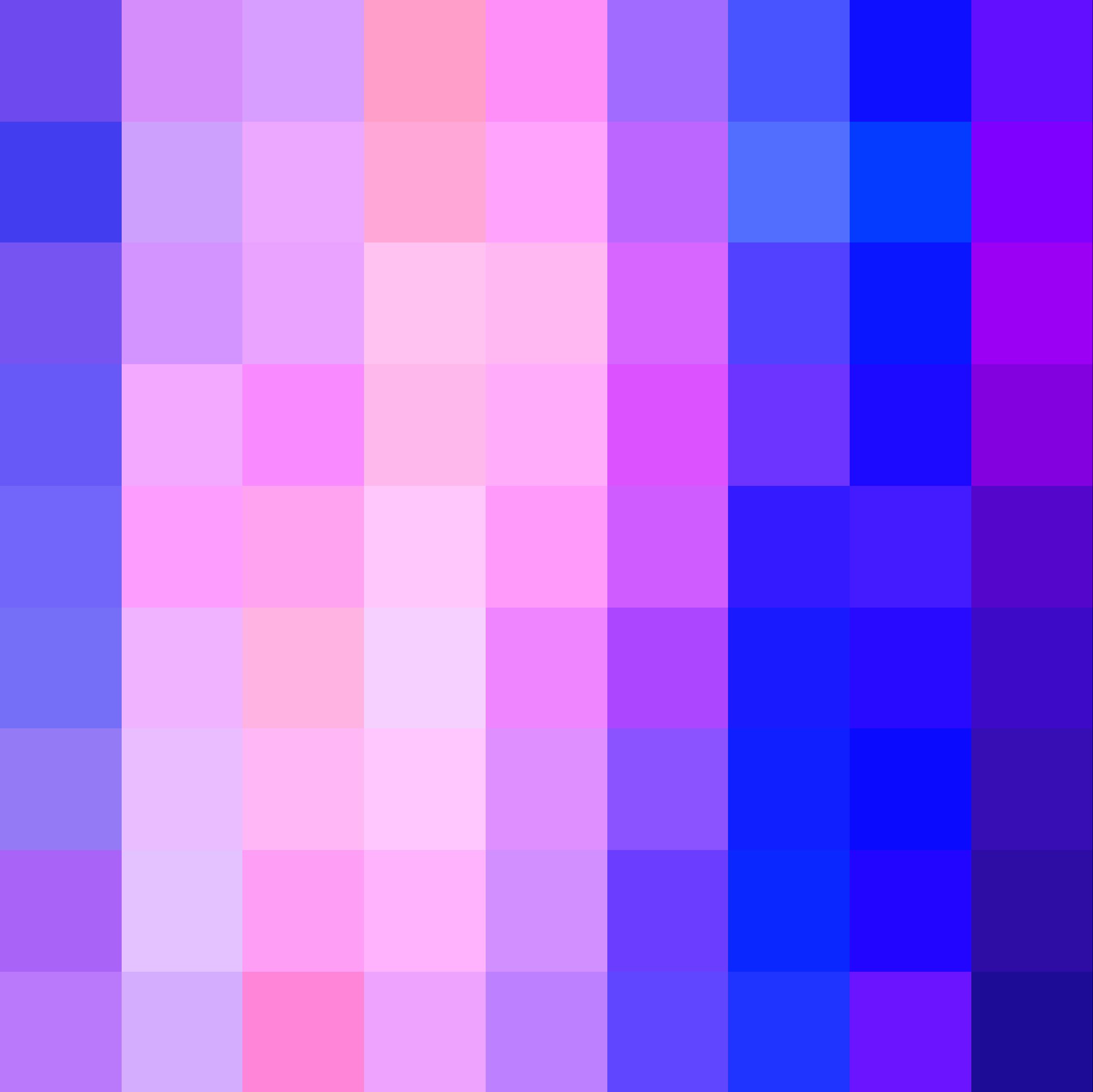
A grid of 16 blocks. It's mostly yellow, and it also has quite some orange, and a little bit of lime in it.

A grid of 100 blocks. It's mostly green, but it also has quite some cyan, and a bit of blue in it.

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

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

A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly orange, and it also has a lot of yellow, a little bit of green, and a tiny bit of lime in it.
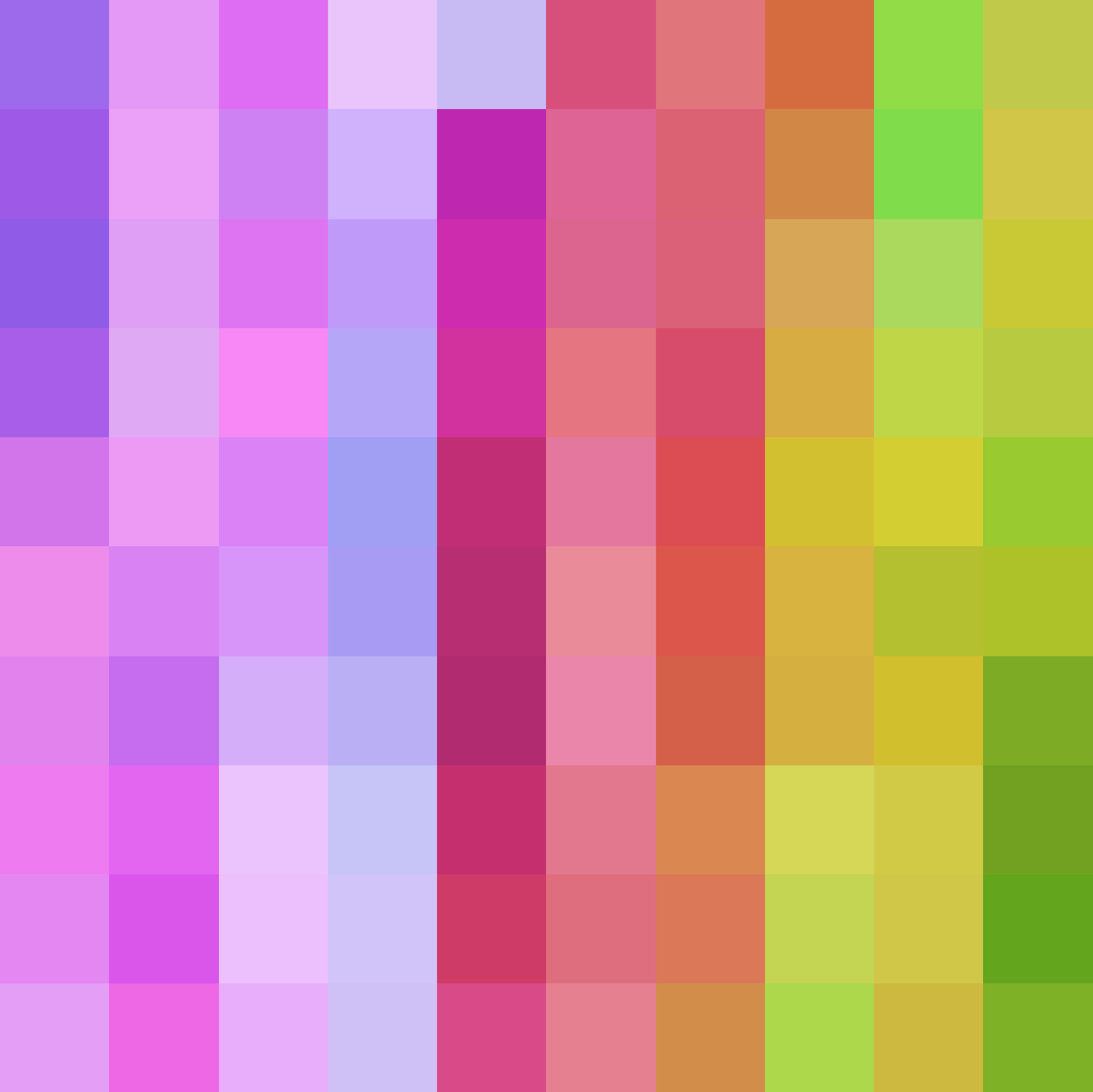
A grid with 49 coloured squares that form a
gradient. The colours are various shades of
mostly yellow, and it also has quite some orange,
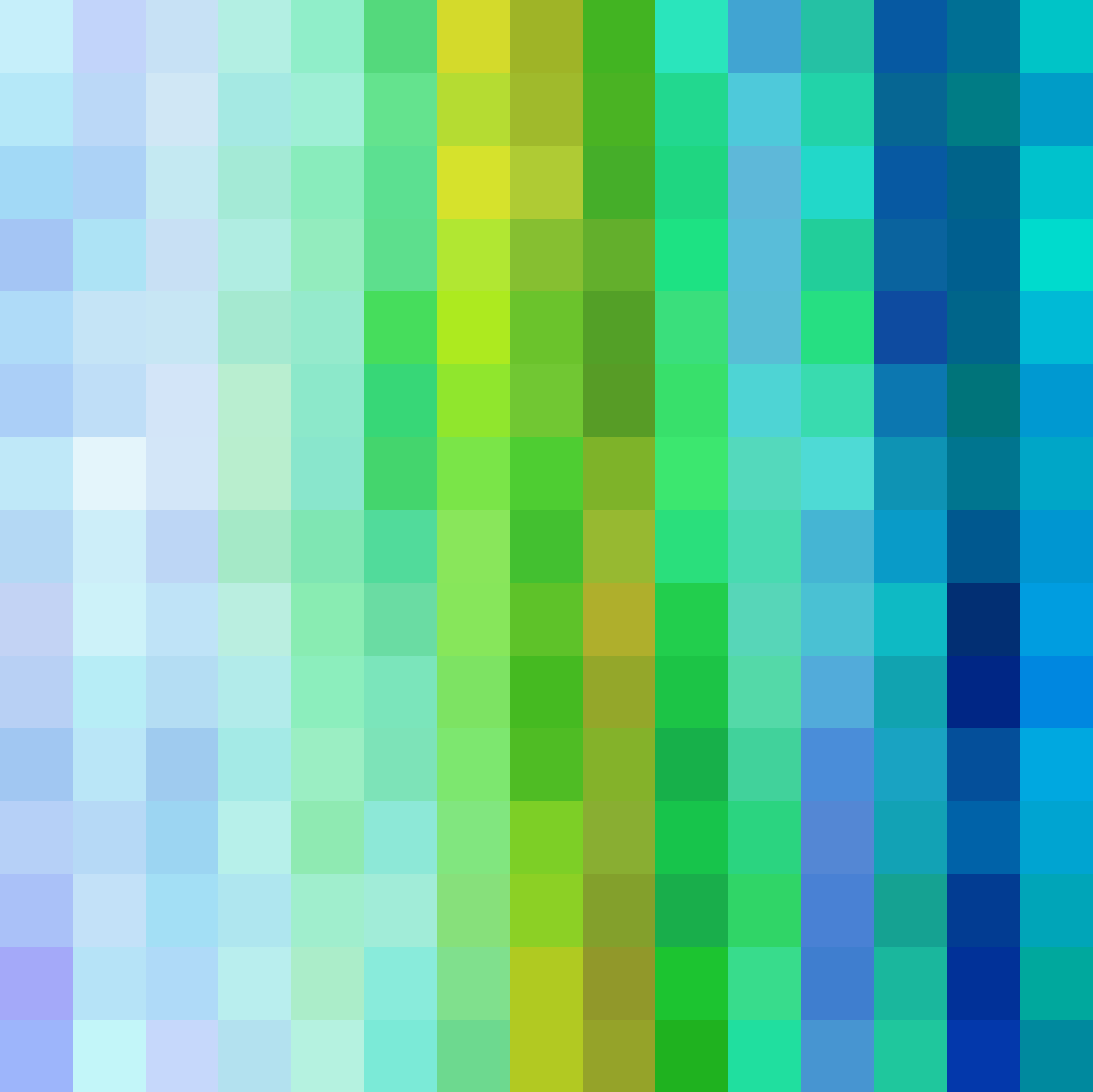some green, and a little bit of lime in it.

A grid of 25 blocks. It's mostly magenta, but it also has quite some orange, some rose, and some red in it.
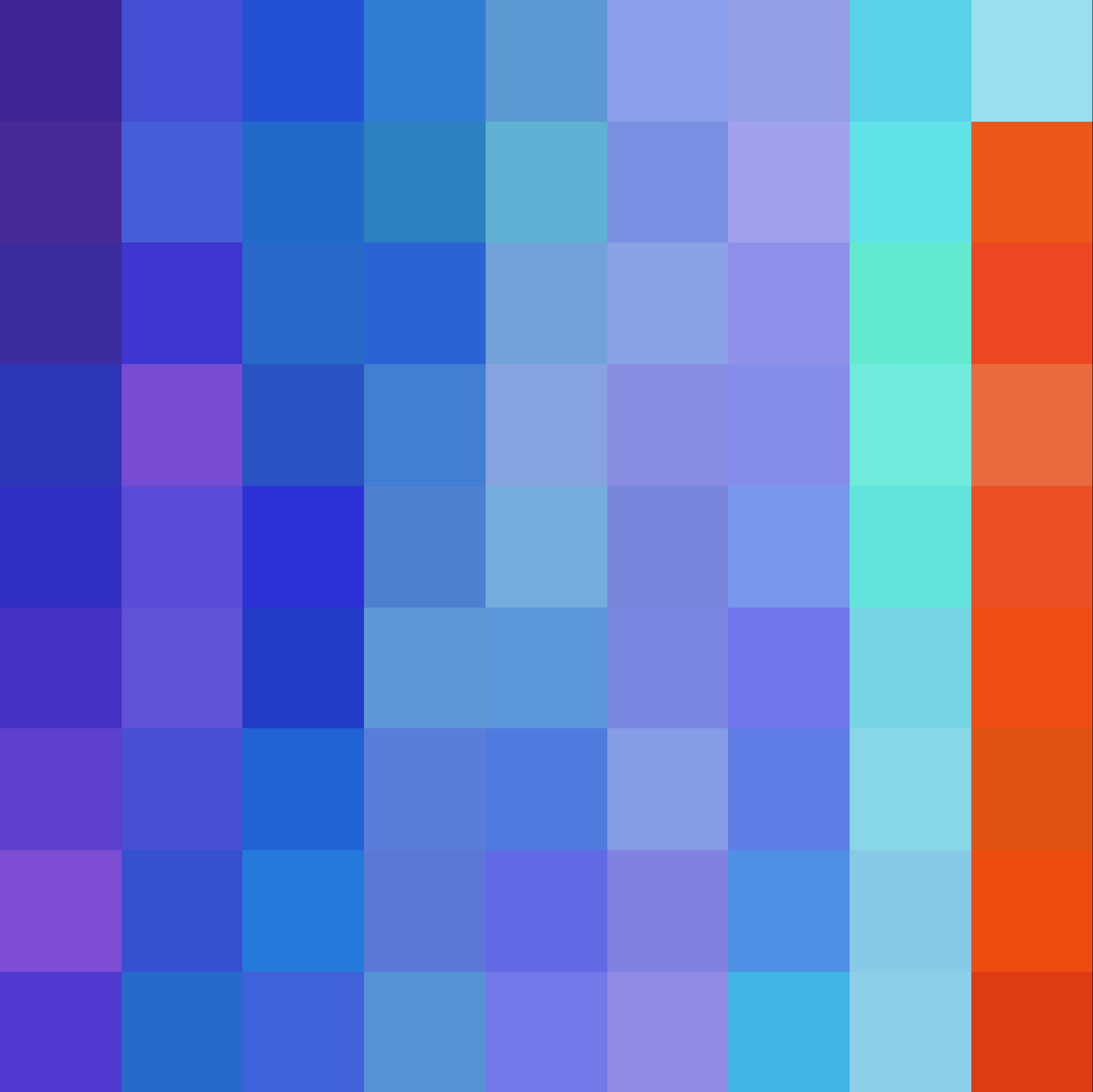
A very, very colourful grid of 196 blocks. It's mostly red, and it also has some orange, some magenta, a bit of purple, a little bit of rose, a little bit of cyan, a little bit of yellow, a little bit of blue, a tiny bit of indigo, and a tiny bit of violet in it.
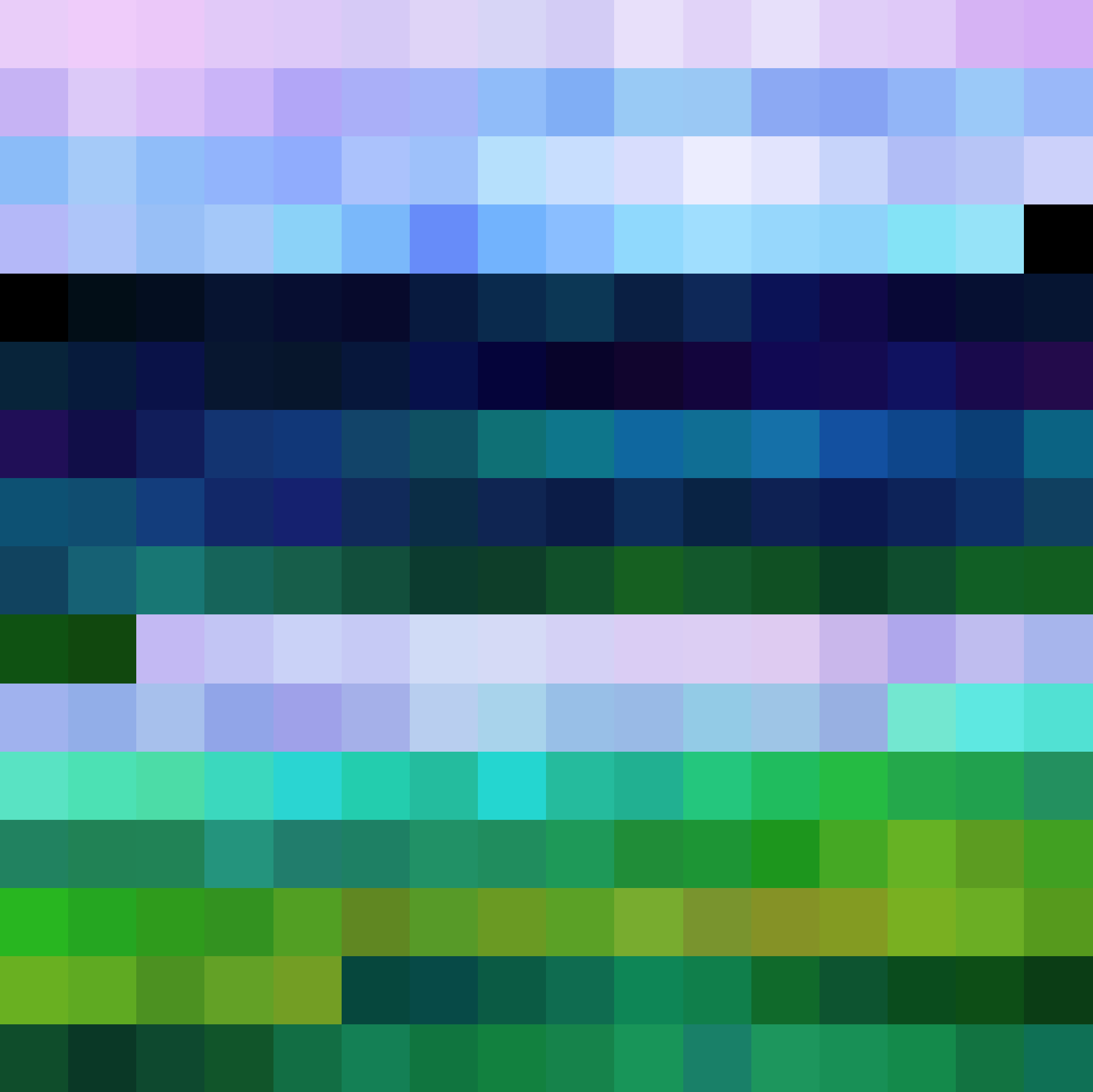
A 10 by 10 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly purple, but it also has some yellow, some red, some magenta, some rose, a bit of indigo, a bit of orange, a bit of green, a little bit of violet, and a tiny bit of lime in it.
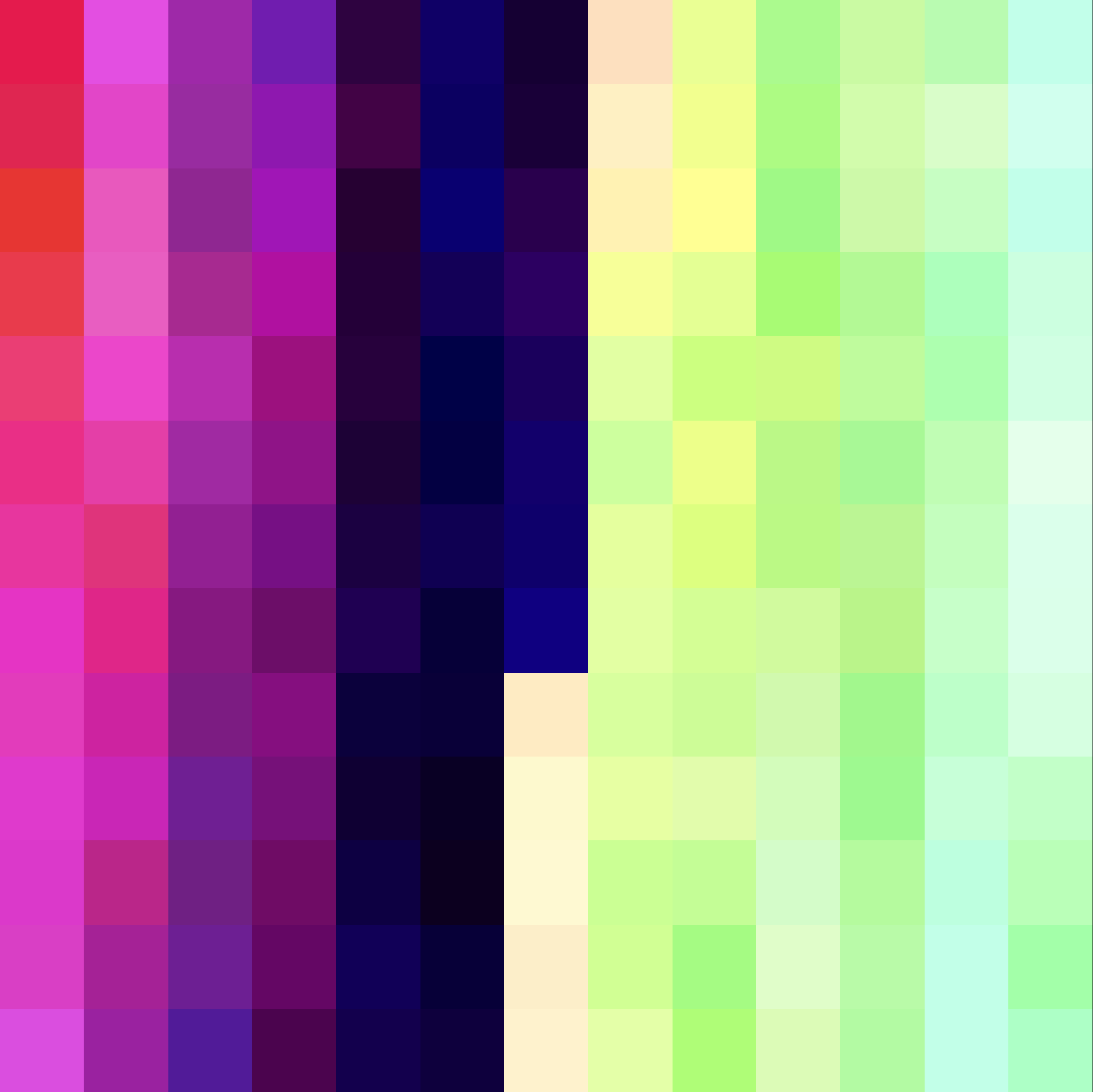
Here's a 15 by 15 pixelated grid that forms a colourful gradient. It is mostly green, but it also has quite some blue, quite some cyan, a little bit of yellow, and a little bit of lime in it.
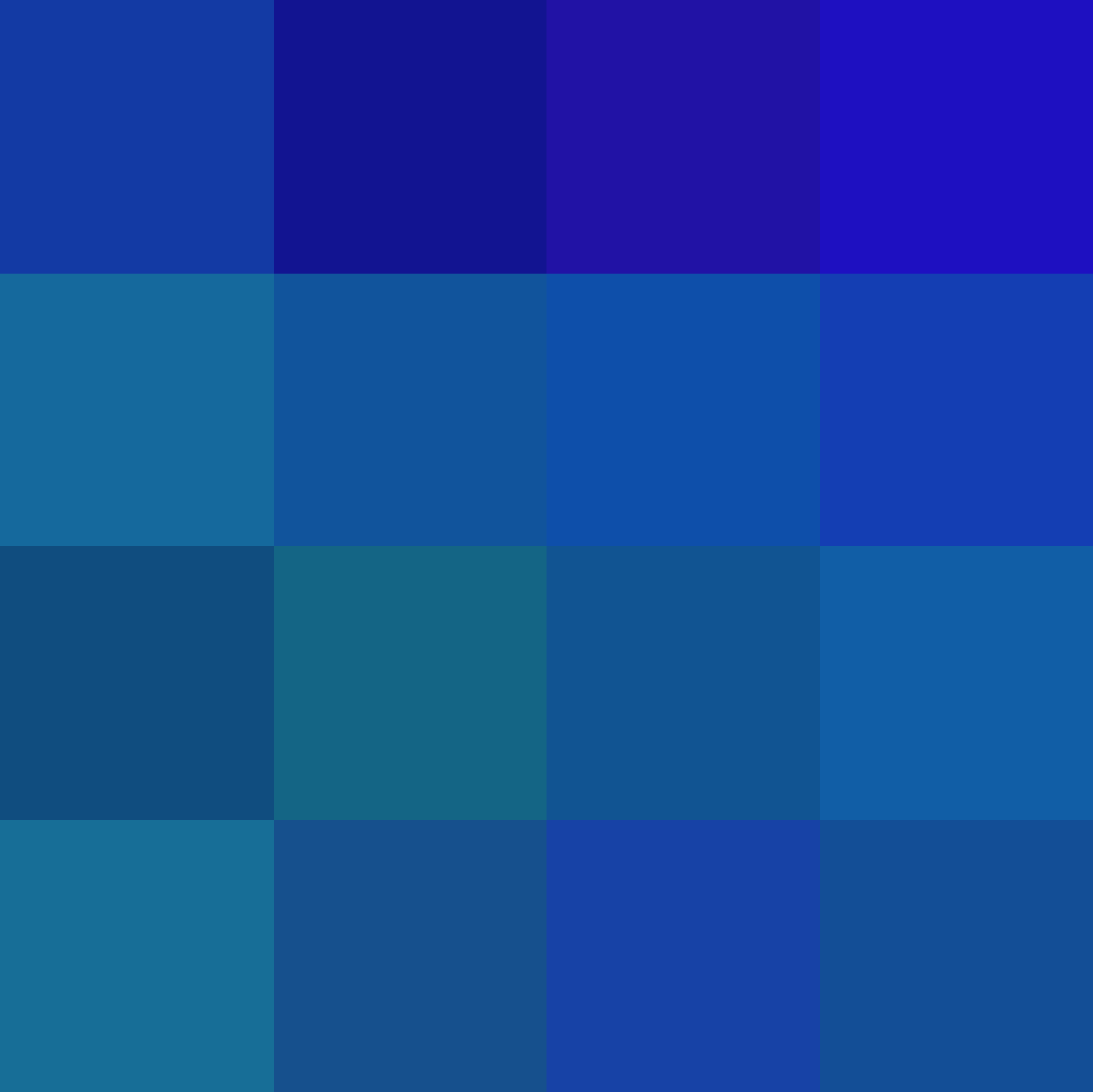
Here's a 9 by 9 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has some indigo, a bit of cyan, a little bit of orange, a little bit of red, and a tiny bit of violet in it.

A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some green, a bit of indigo, a bit of cyan, a little bit of violet, a little bit of purple, a tiny bit of lime, and a tiny bit of yellow in it.

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

This two tone gradient, generated in this 4 by 4 pixel grid, is mostly blue, and it also has some indigo 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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