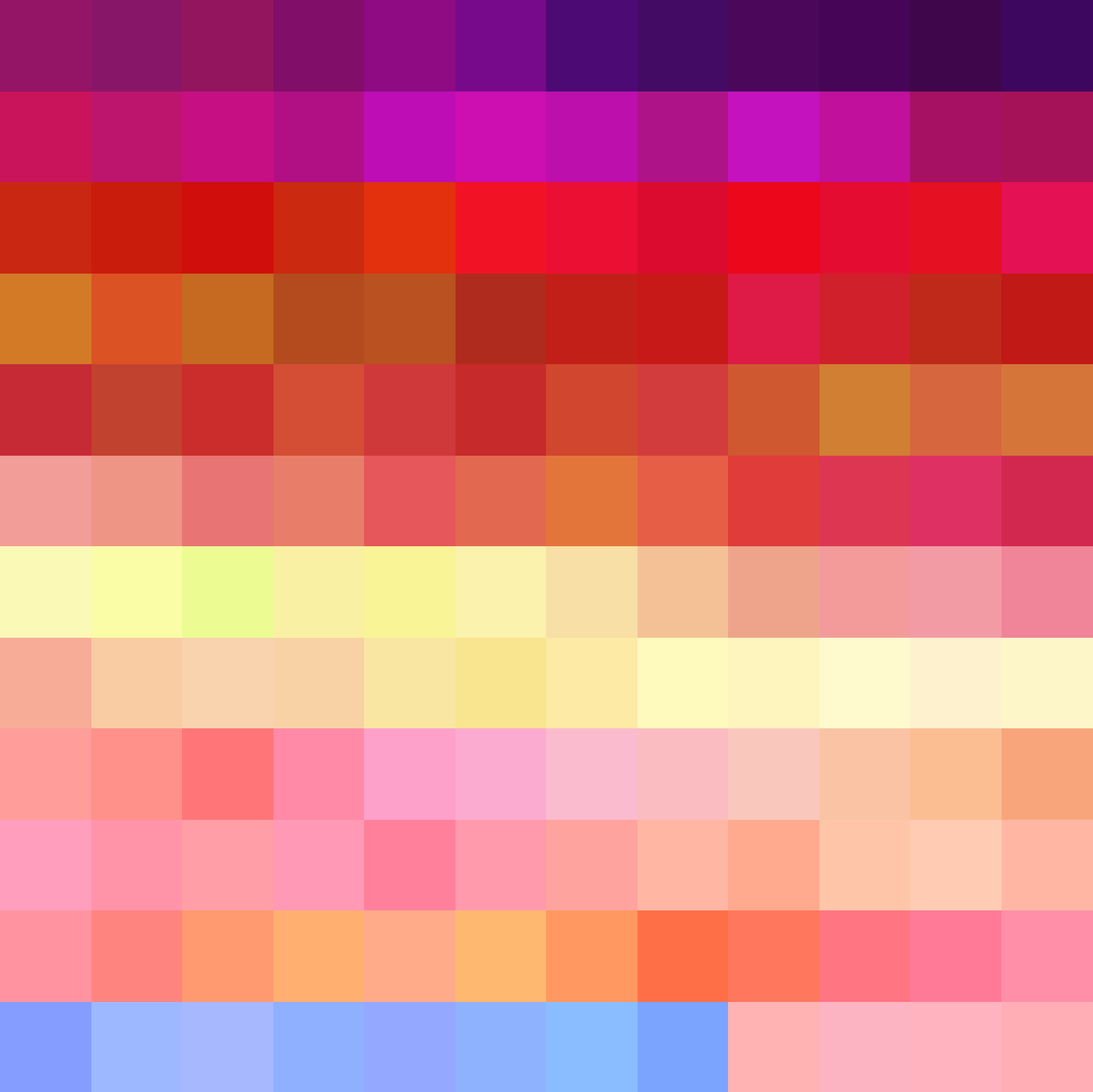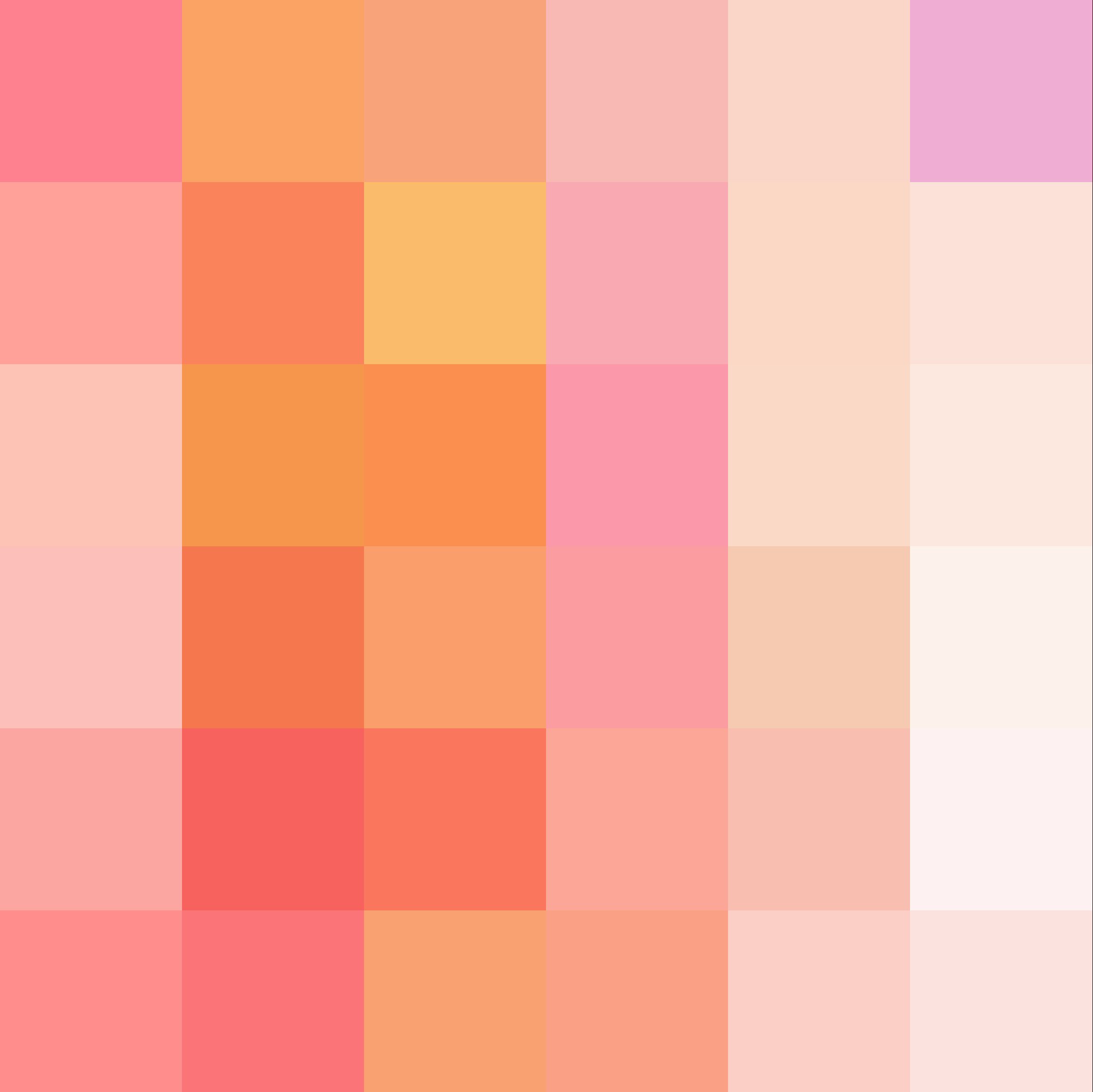# 100 random pixel gradients
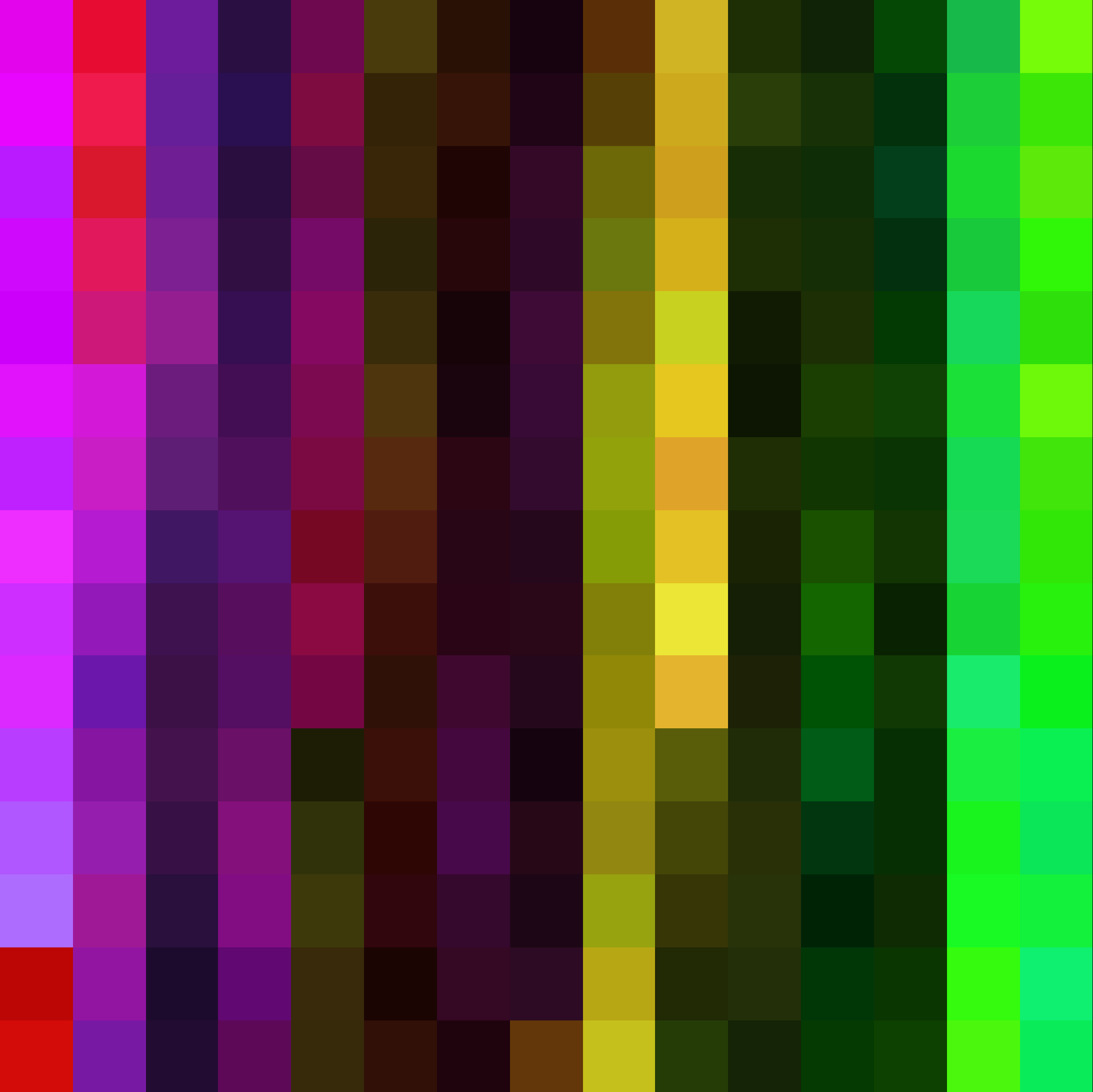
Vasilis van Gemert – 14-11-2023

The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly red, and it also has some orange, a bit of magenta, a bit of yellow, a bit of rose, a little bit of blue, and a little bit of purple in it.

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

The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has some red, some purple, some yellow, a bit of magenta, a bit of orange, a little bit of rose, a tiny bit of lime, and a tiny bit of violet in it.
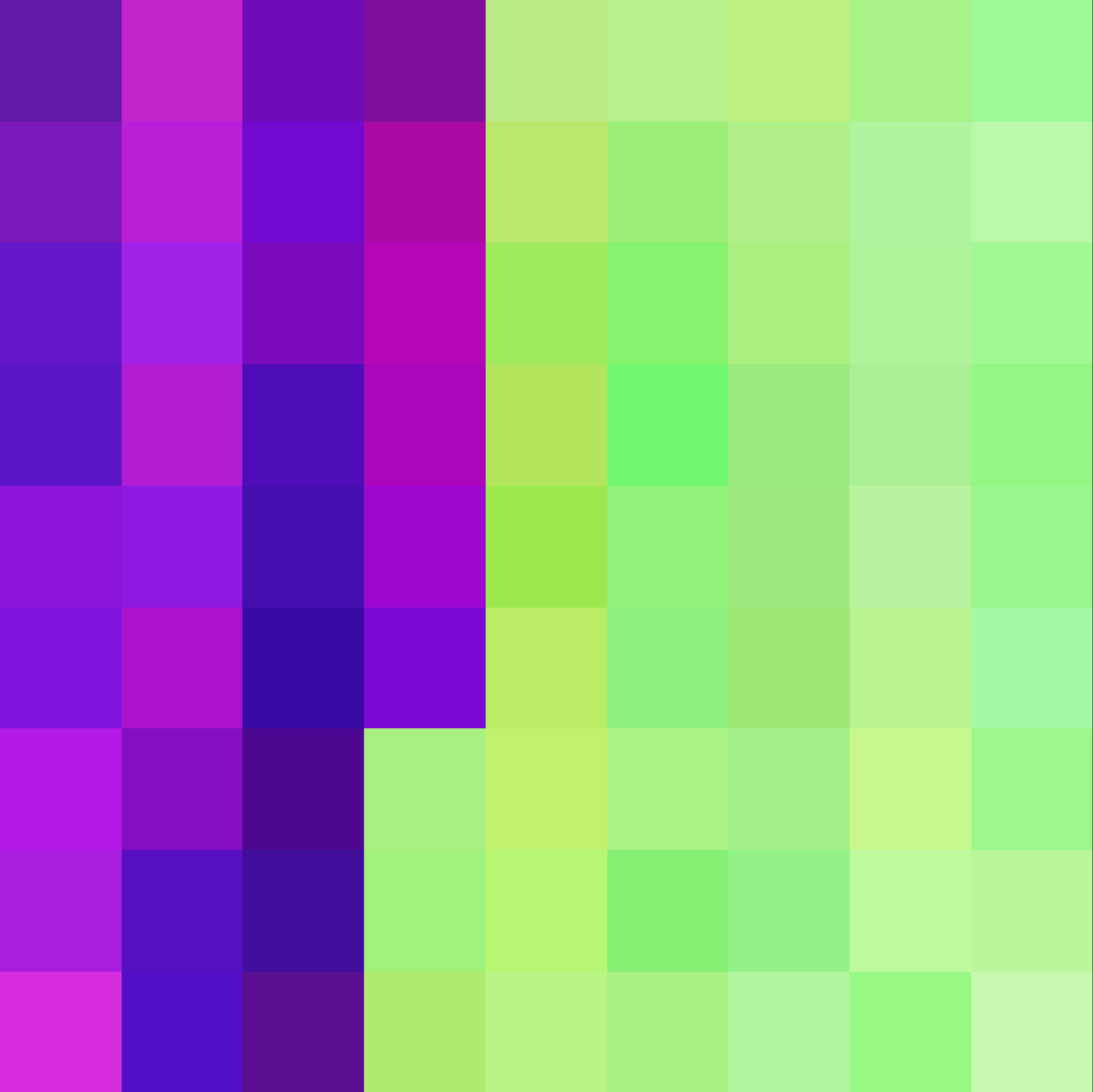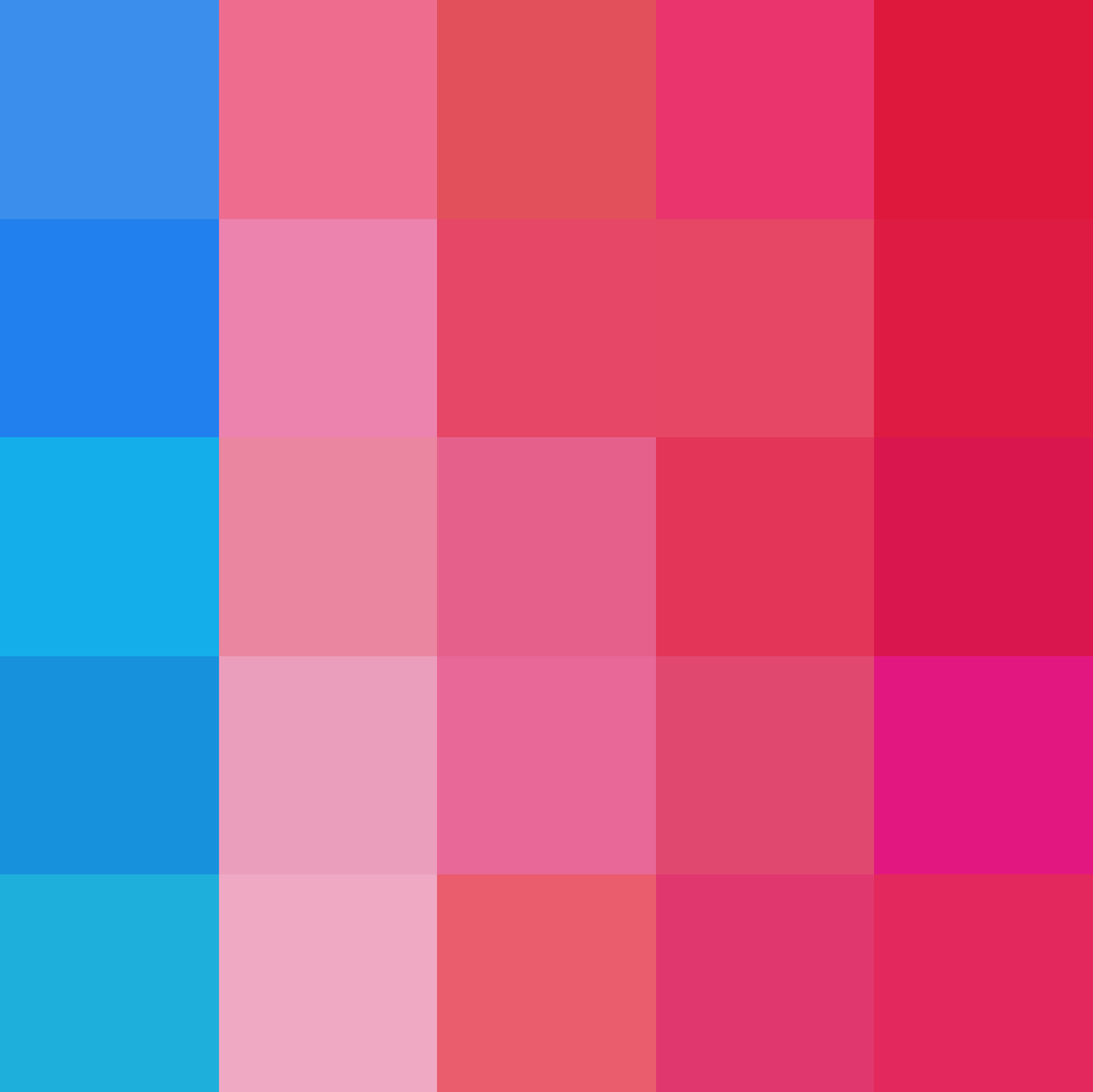
A 9 by 9 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has quite some purple, a bit of violet, a little bit of magenta, and a tiny bit of indigo in it.
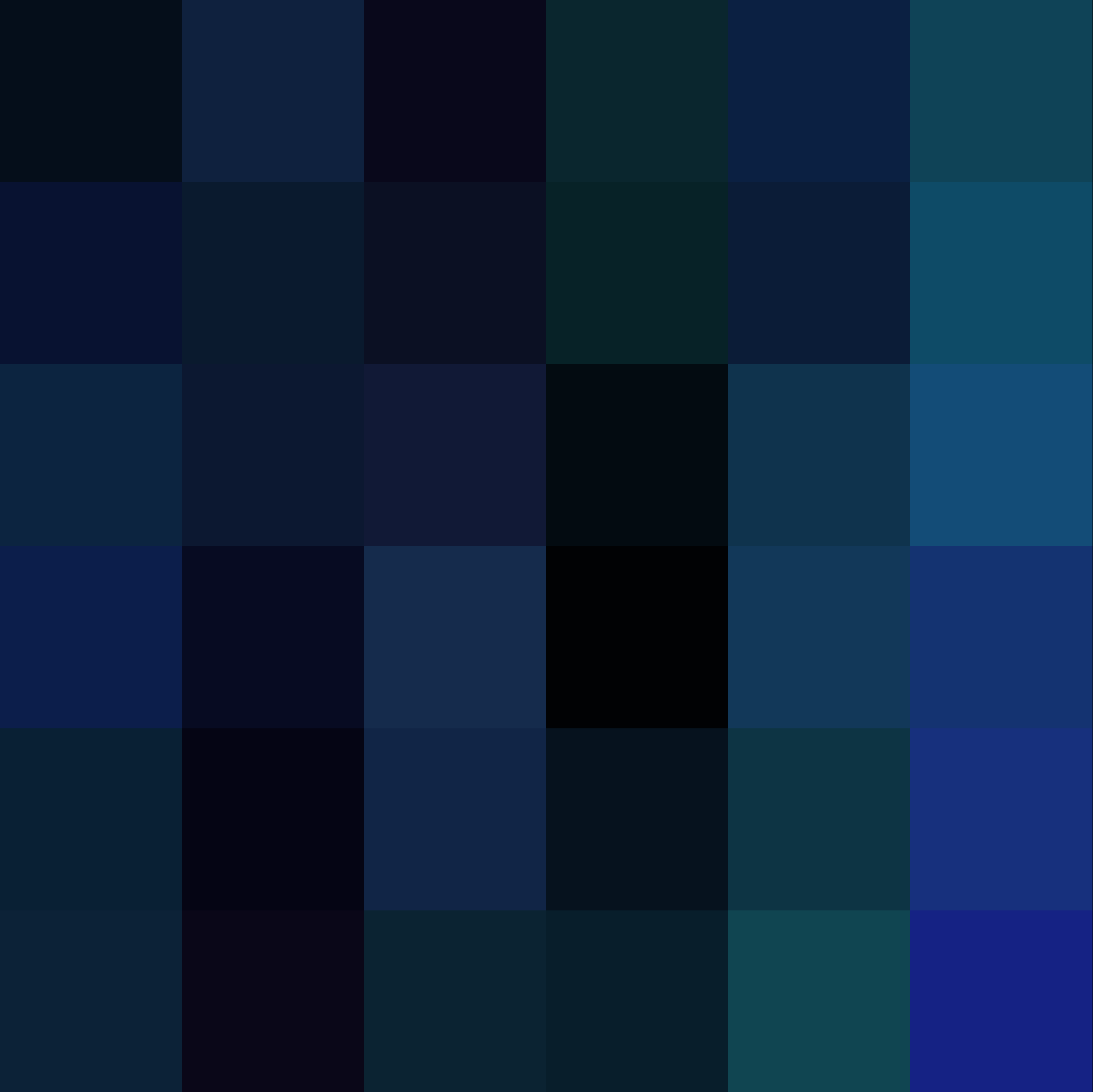
A grid of 36 blocks. It's mostly blue, and it also has a bit of cyan, and a little bit of indigo in it.
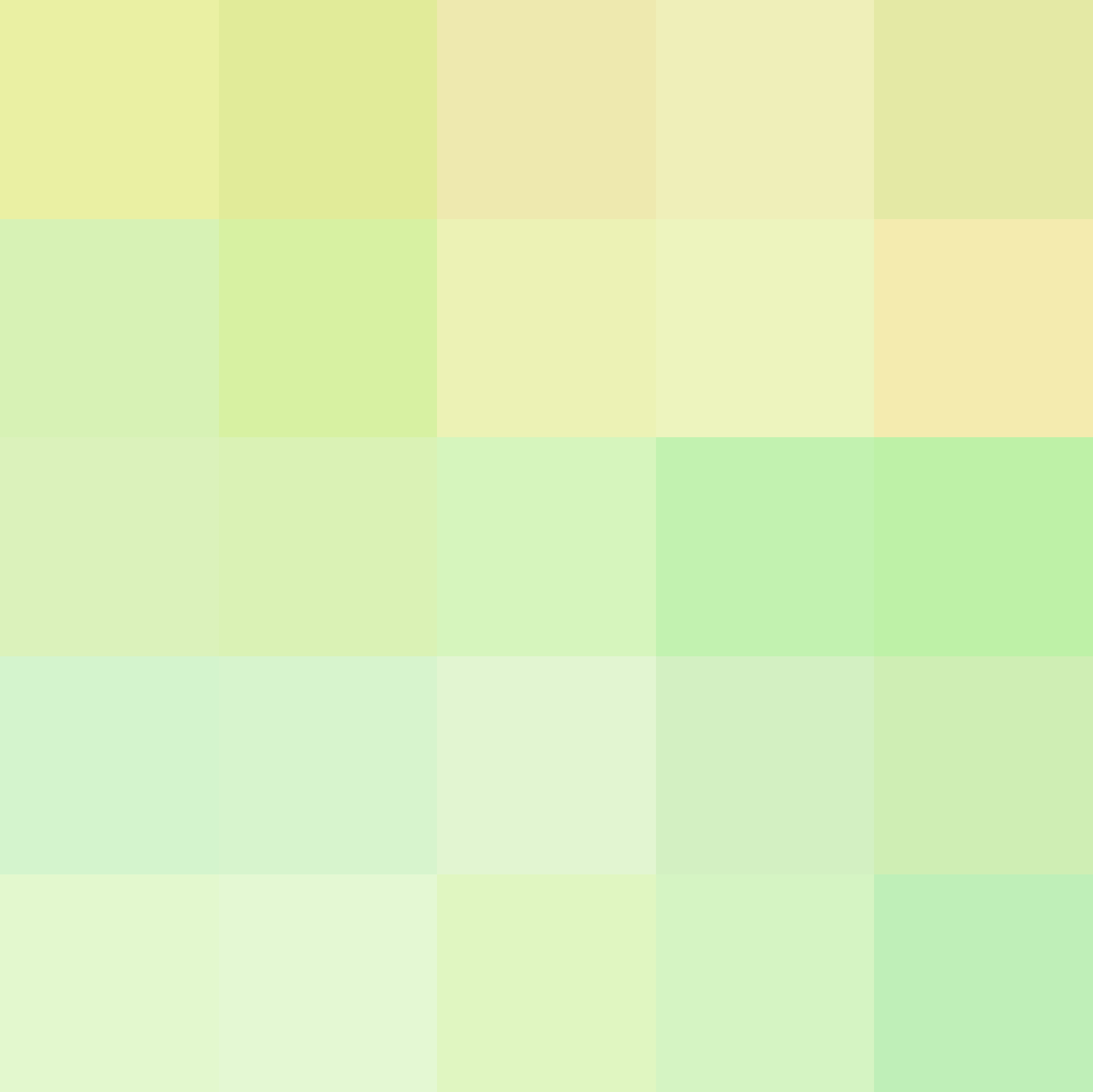
A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has quite some yellow in it.
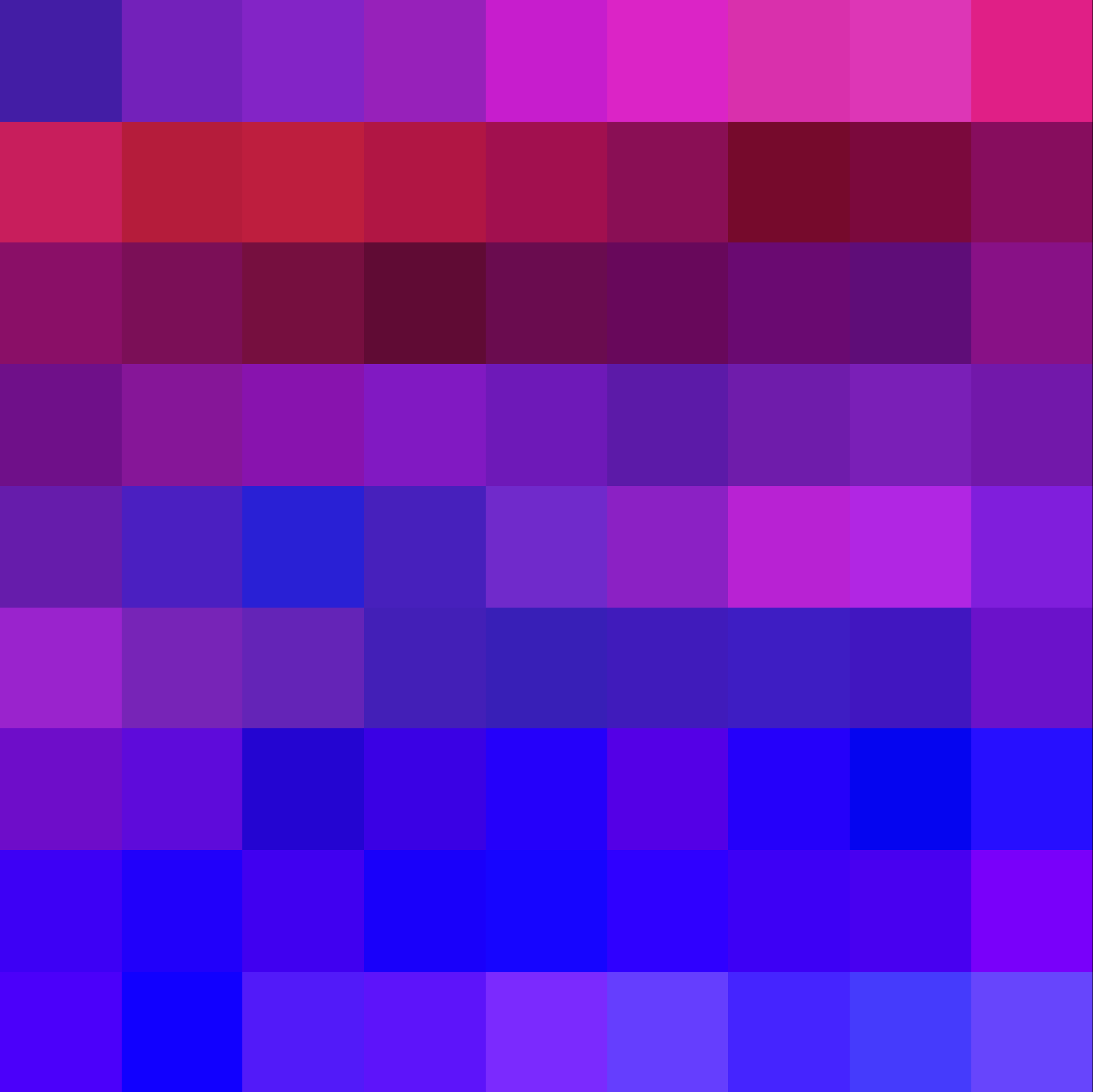
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly rose, and it also has quite some red, and quite some blue in it.
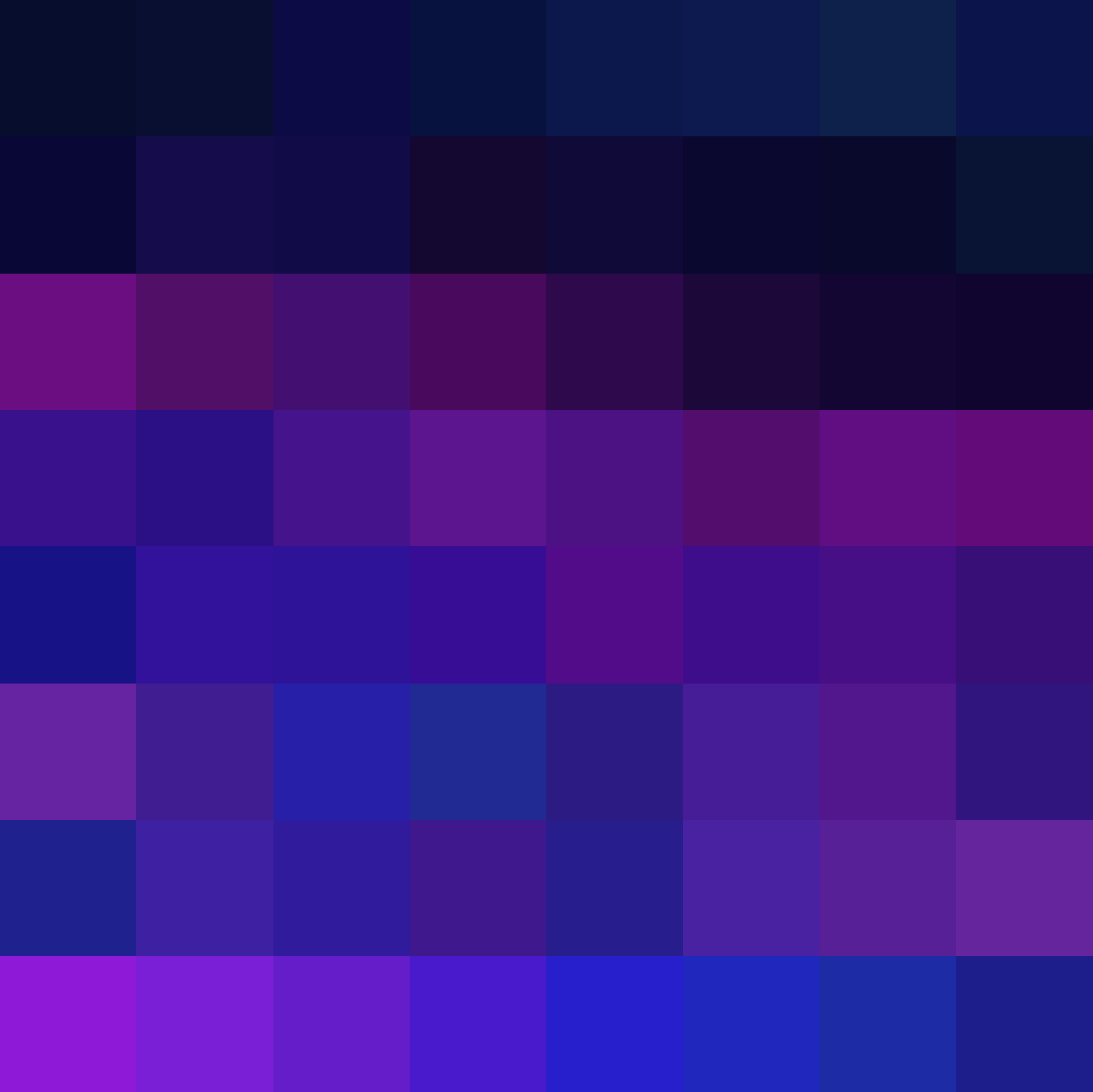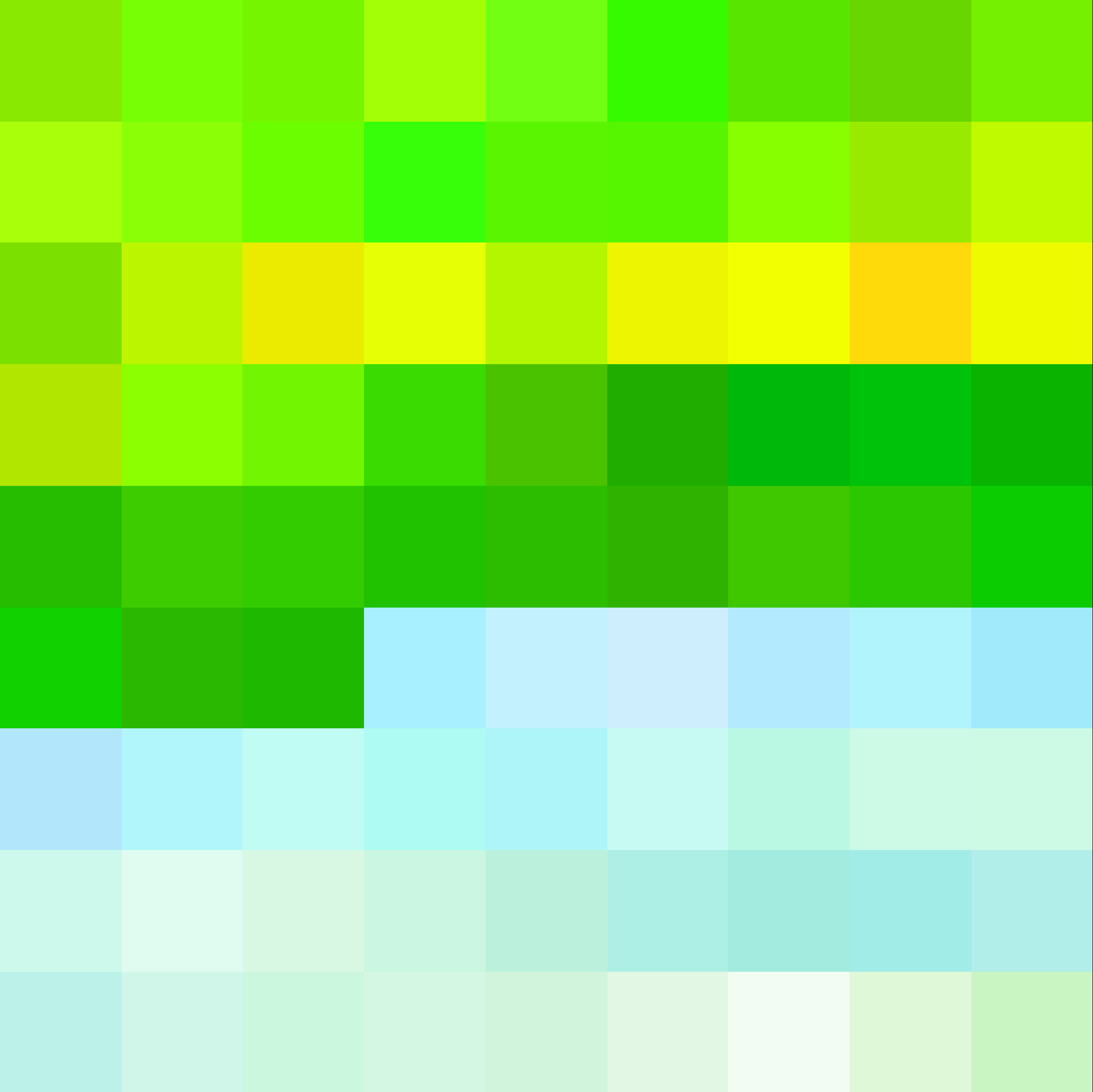
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly indigo, and it also has quite some blue, quite some purple, and some violet in it.

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

A colourful grid of 81 blocks. It's mostly green, and it also has some cyan, a bit of yellow, a little bit of lime, and a little bit of blue in it.
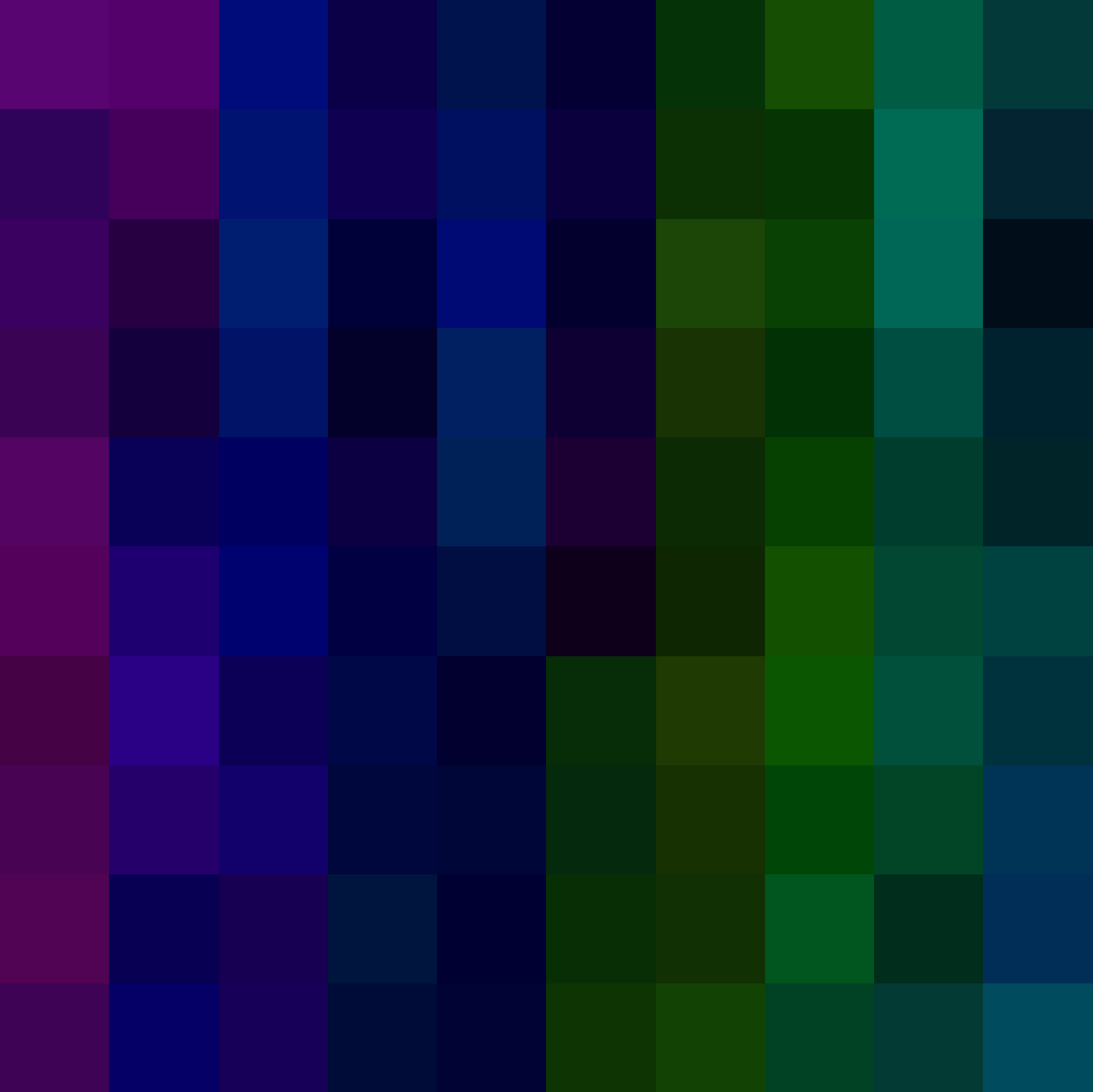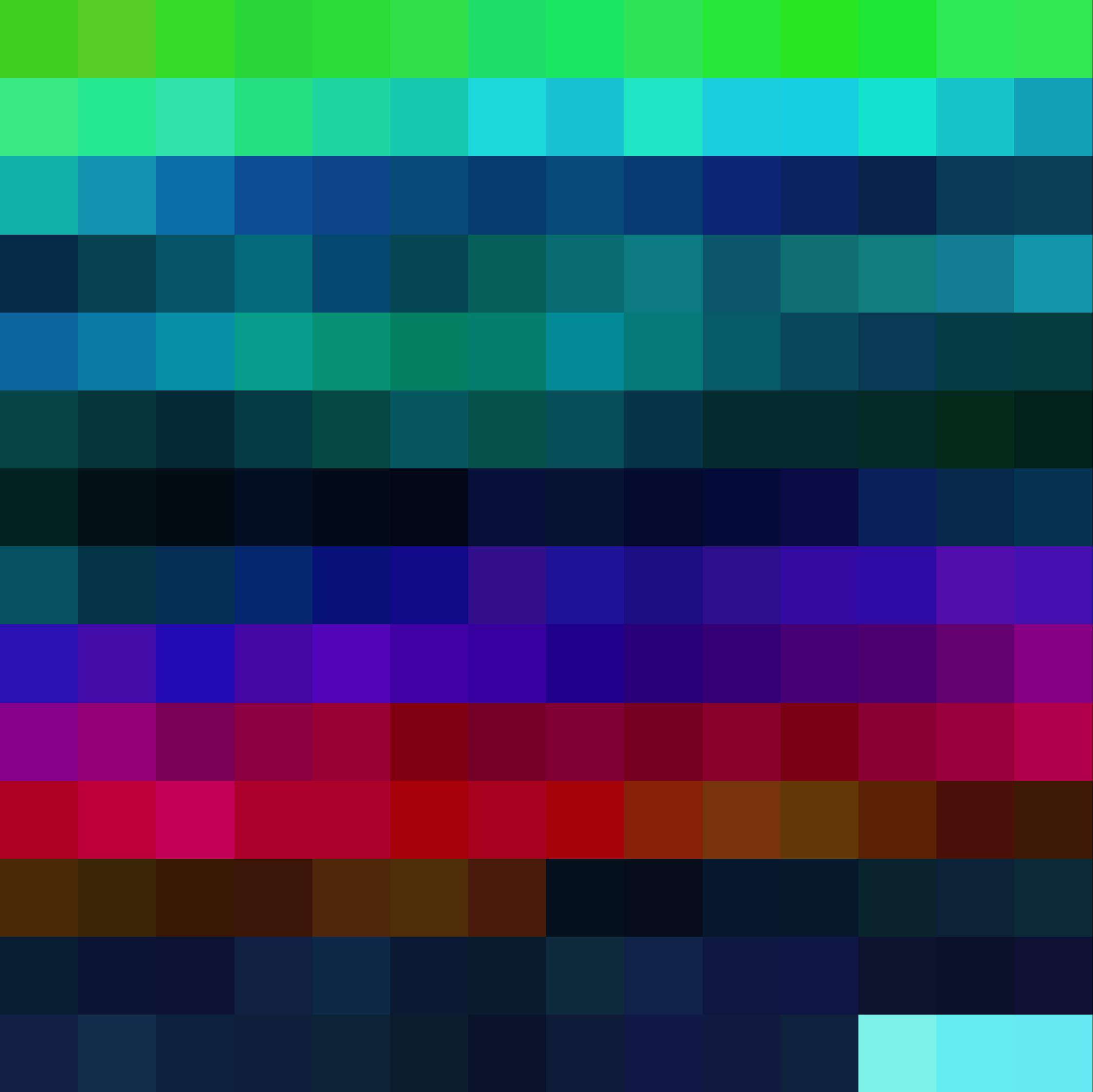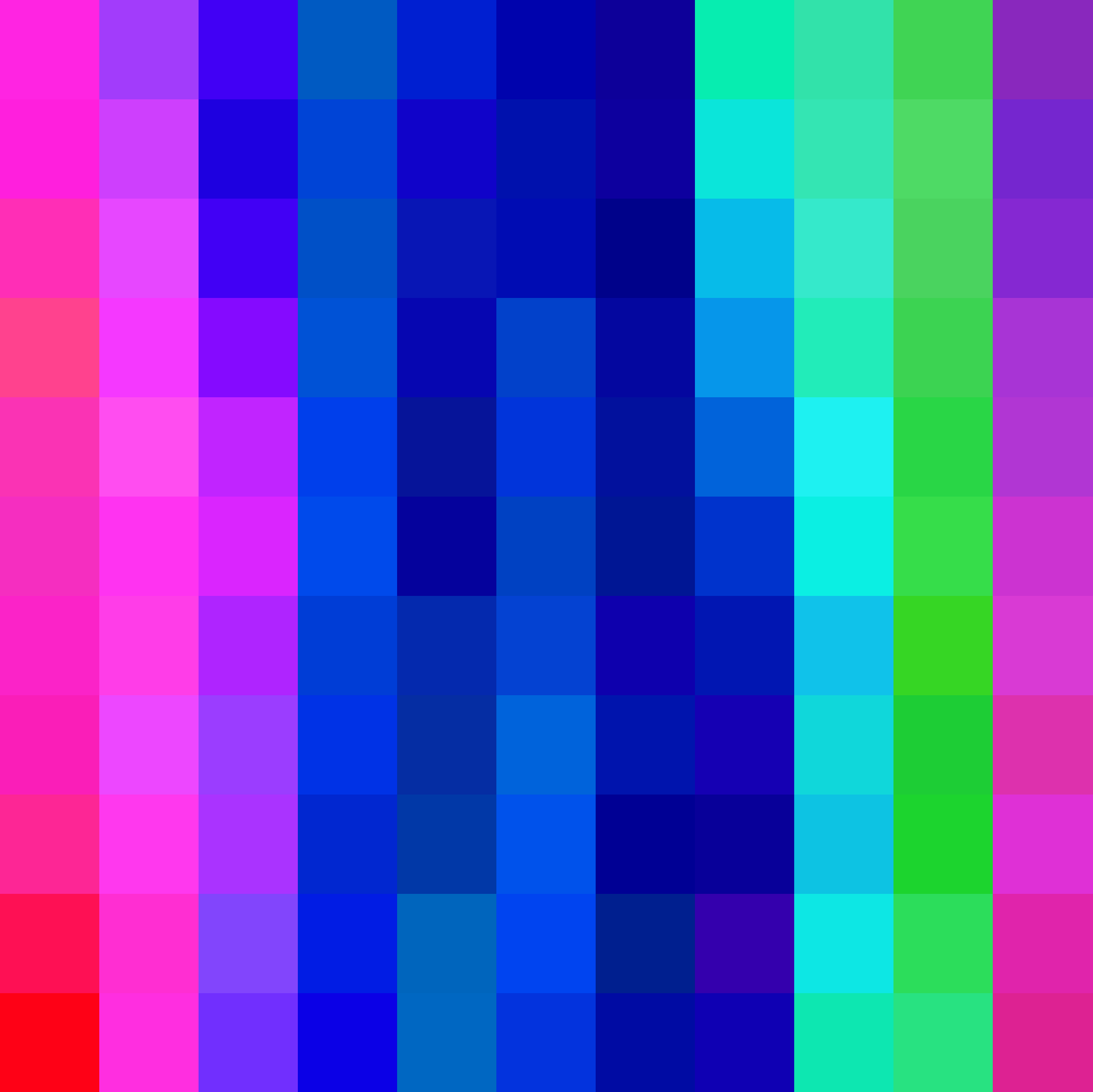
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, quite some indigo, some purple, some cyan, a little bit of magenta, and a tiny bit of violet in it.
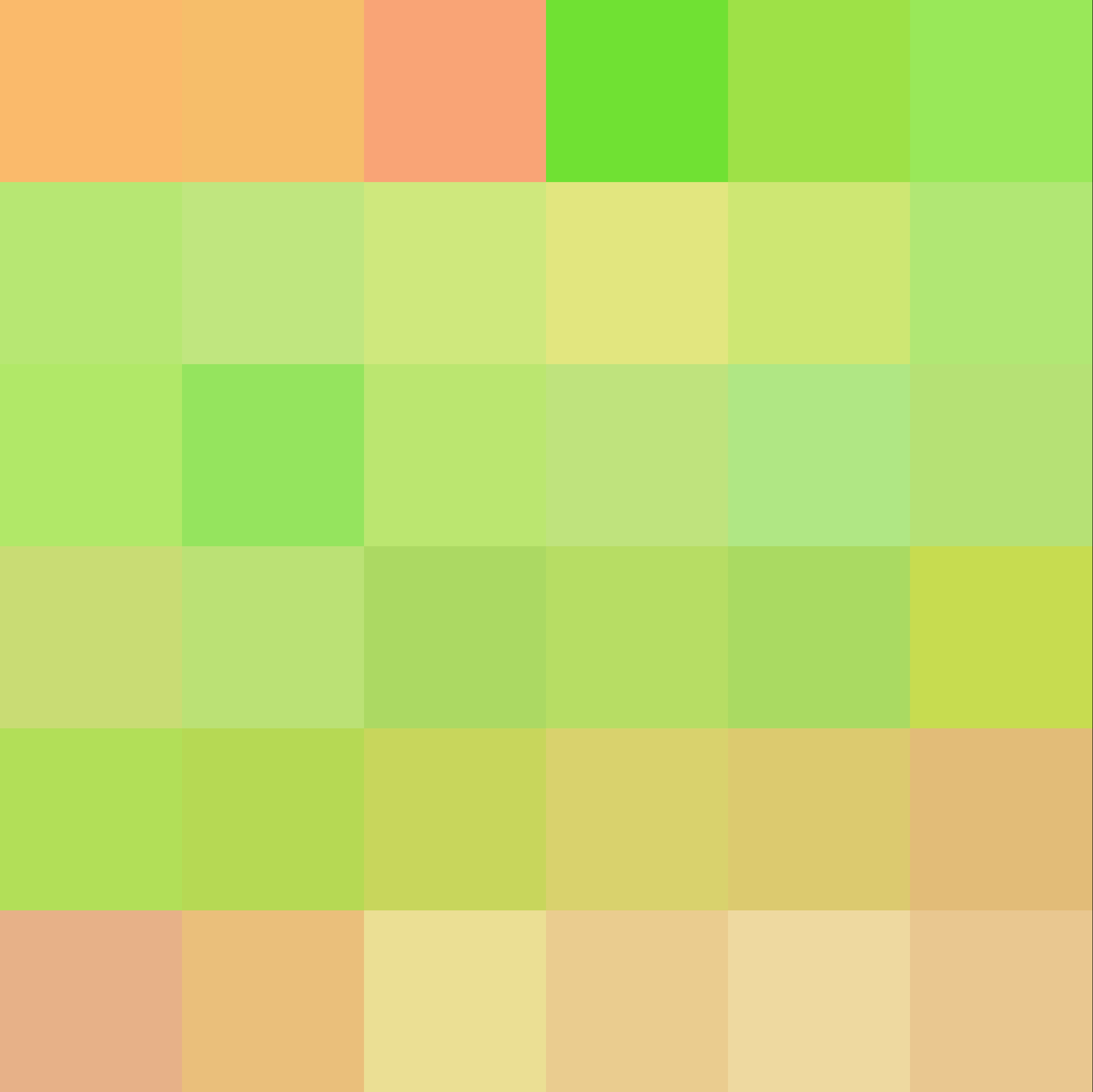
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, a bit of green, a little bit of indigo, a little bit of rose, a little bit of orange, a little bit of red, a little bit of violet, a little bit of magenta, and a tiny bit of purple in it.

This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, but it also has some magenta, some indigo, some green, a bit of cyan, a bit of purple, a tiny bit of rose, a tiny bit of violet, and a tiny bit of red in it.

The cells in this 6 by 6 pixel grid form a gradient. It is mostly green, and it also has quite some orange, some yellow, and some lime in it.

The monochrome gradient in this 4 by 4 pixel grid is red.
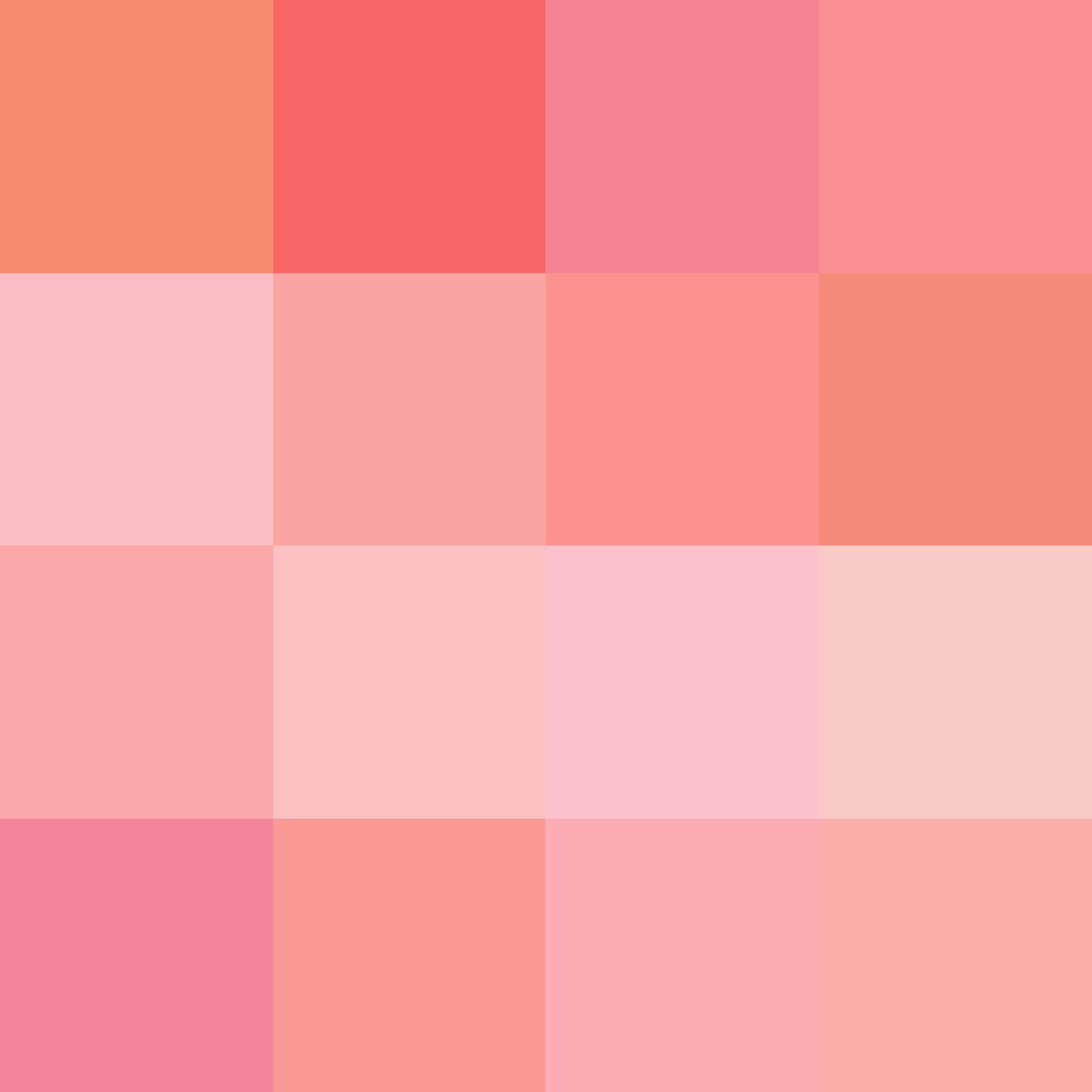
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some red, and quite some rose in it.

A 4 by 4 grid with coloured squares that form a
monochrome gradient. The colours are various
shades of red.

The very, very colourful gradient in this 10 by 10 pixel grid is mostly red, but it also has some rose, a bit of cyan, a bit of green, a bit of magenta, a bit of orange, a little bit of blue, and a little bit of yellow in it.
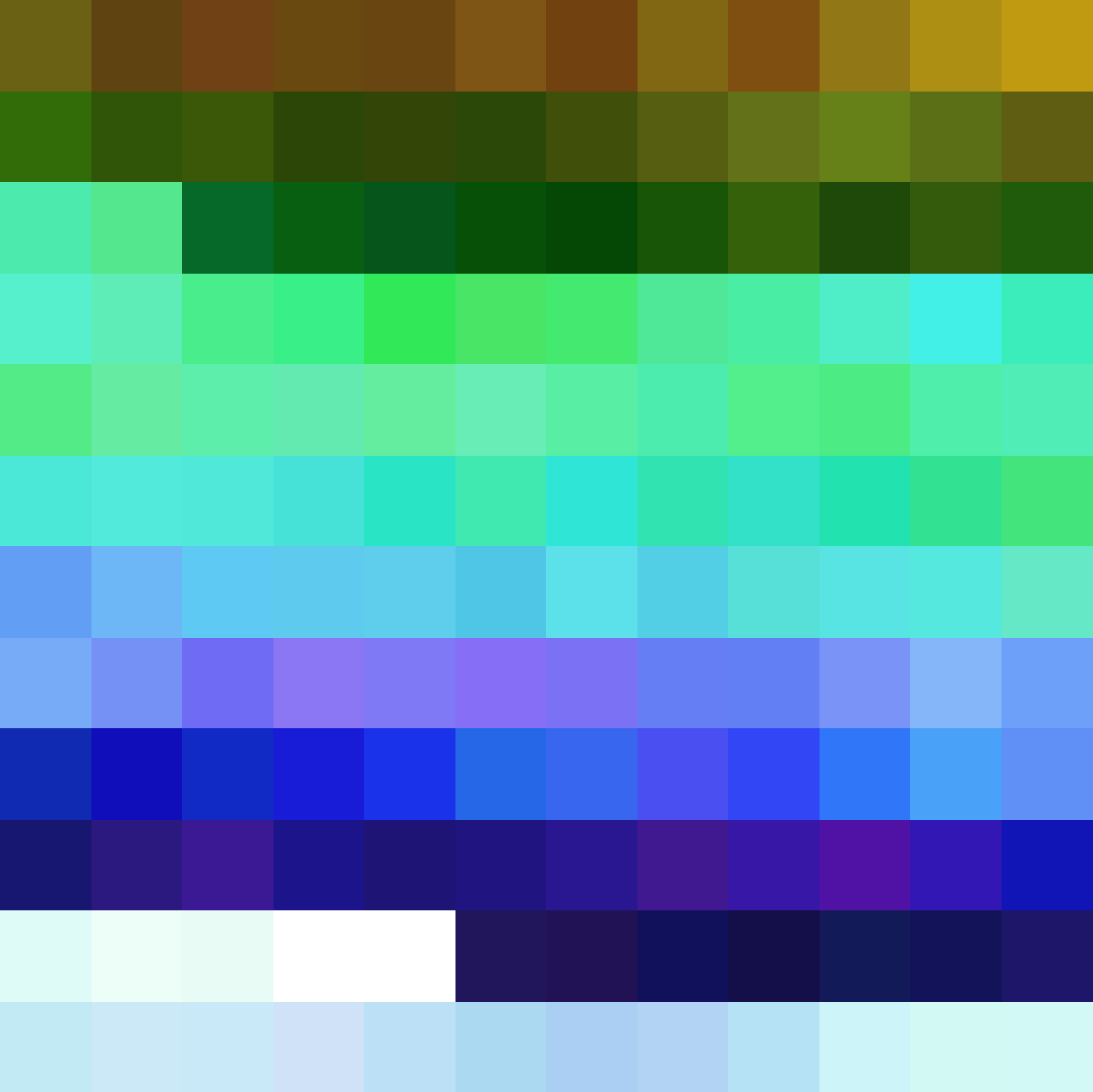
This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, but it also has quite some blue, some cyan, some indigo, a little bit of yellow, a little bit of orange, a little bit of lime, and a tiny bit of violet in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly blue, and it also has some red, some orange, some yellow, a bit of indigo, a little bit of magenta, a little bit of lime, a tiny bit of rose, a tiny bit of violet, a tiny bit of purple, a tiny bit of green, and a tiny bit of cyan in it.
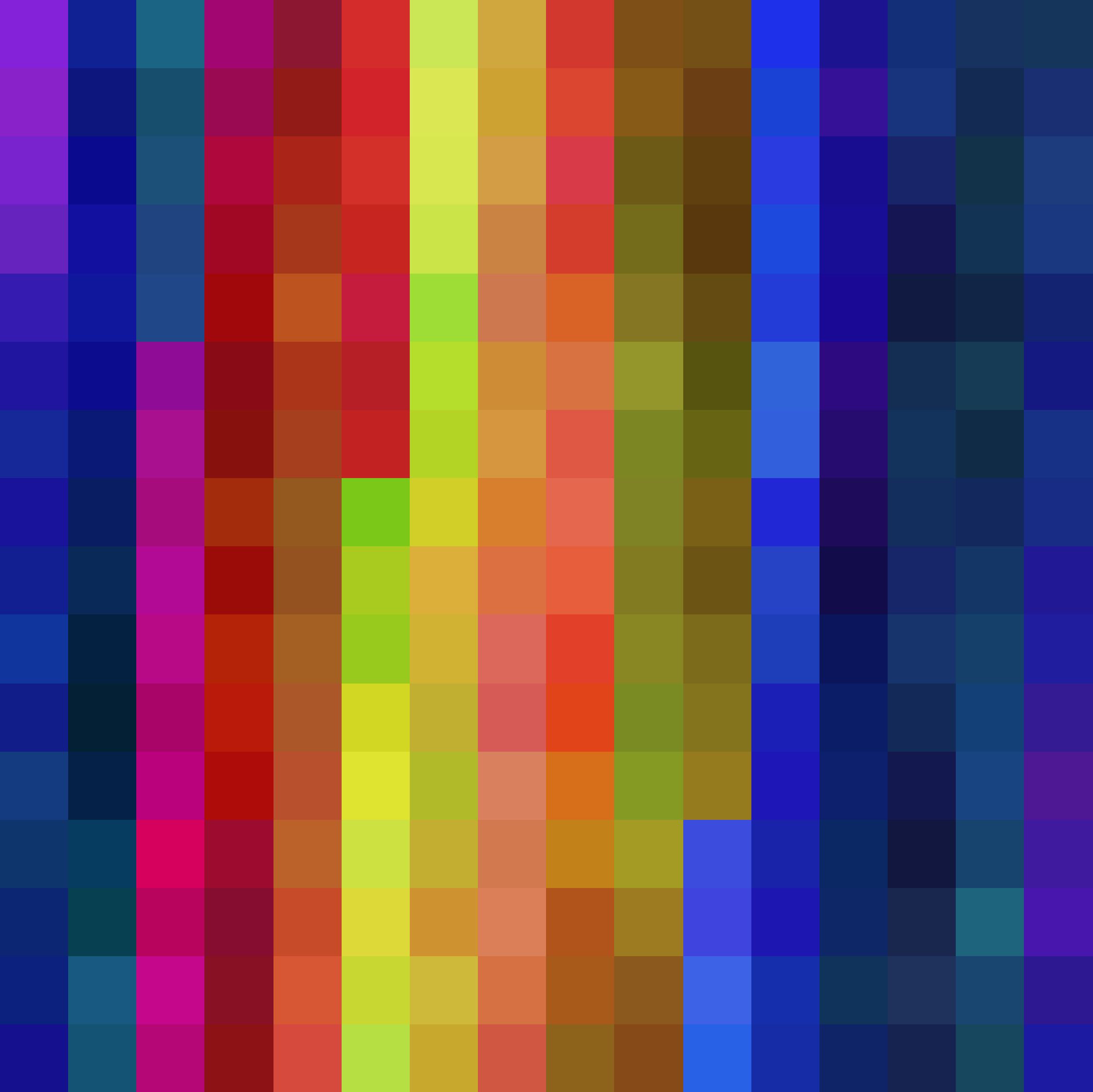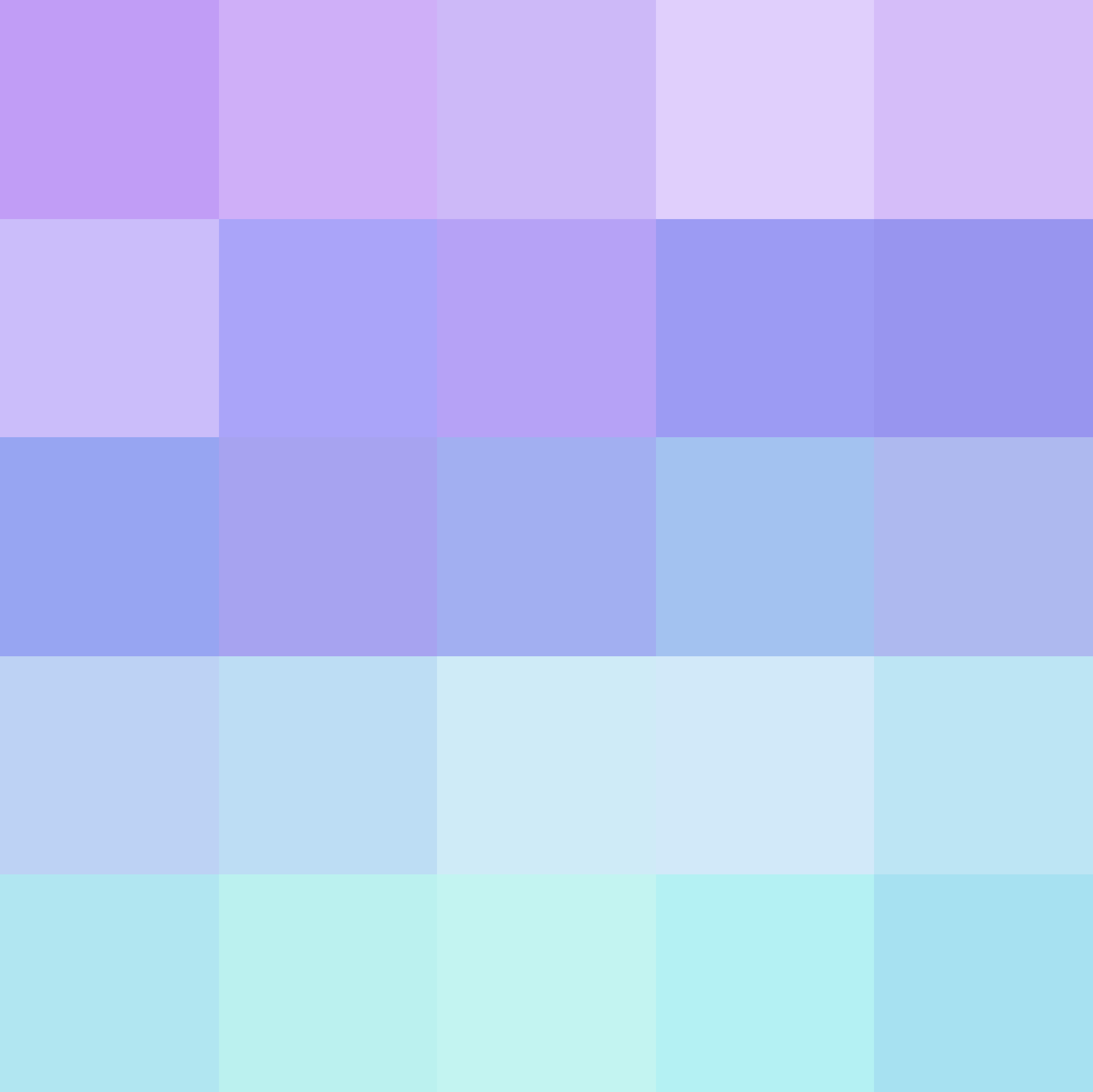
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some yellow, a bit of rose, a bit of green, a little bit of magenta, a little bit of cyan, and a tiny bit of lime in it.

A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some indigo, quite some cyan, and some violet in it.
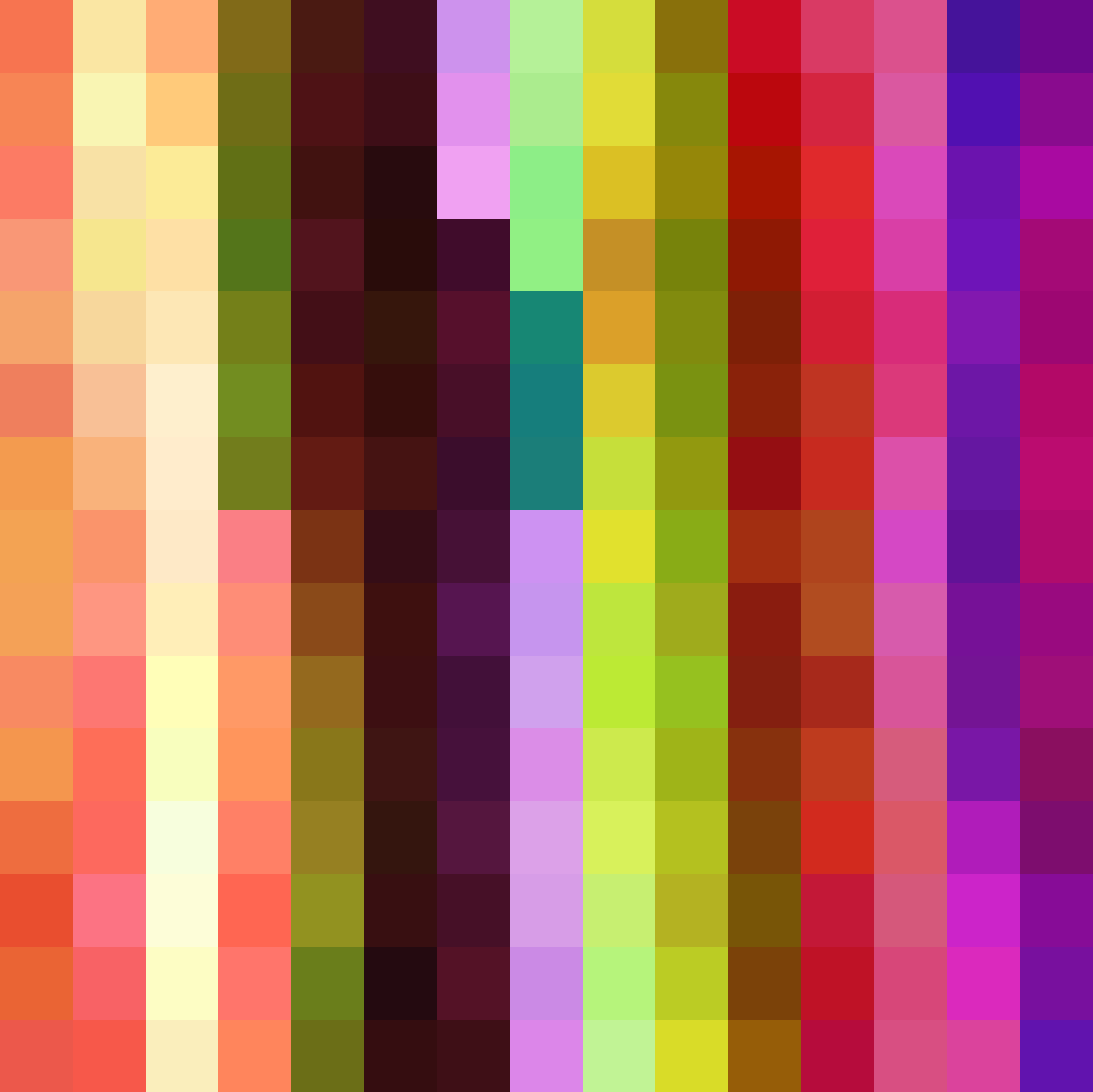
The very, very colourful gradient in this 15 by 15 pixel grid is mostly red, but it also has some yellow, some orange, a little bit of lime, a little bit of green, a little bit of purple, a tiny bit of magenta, and a tiny bit of cyan in it.
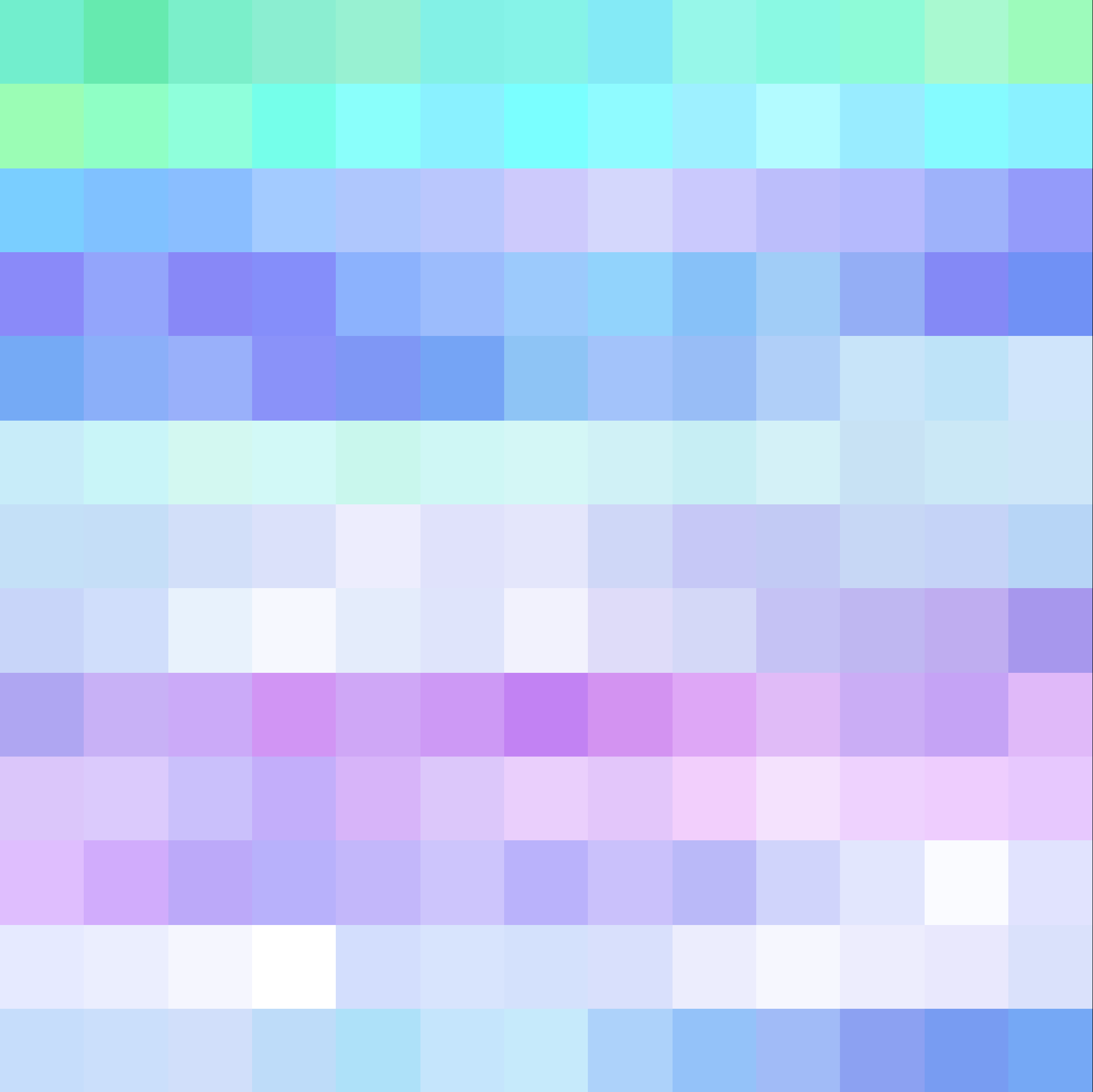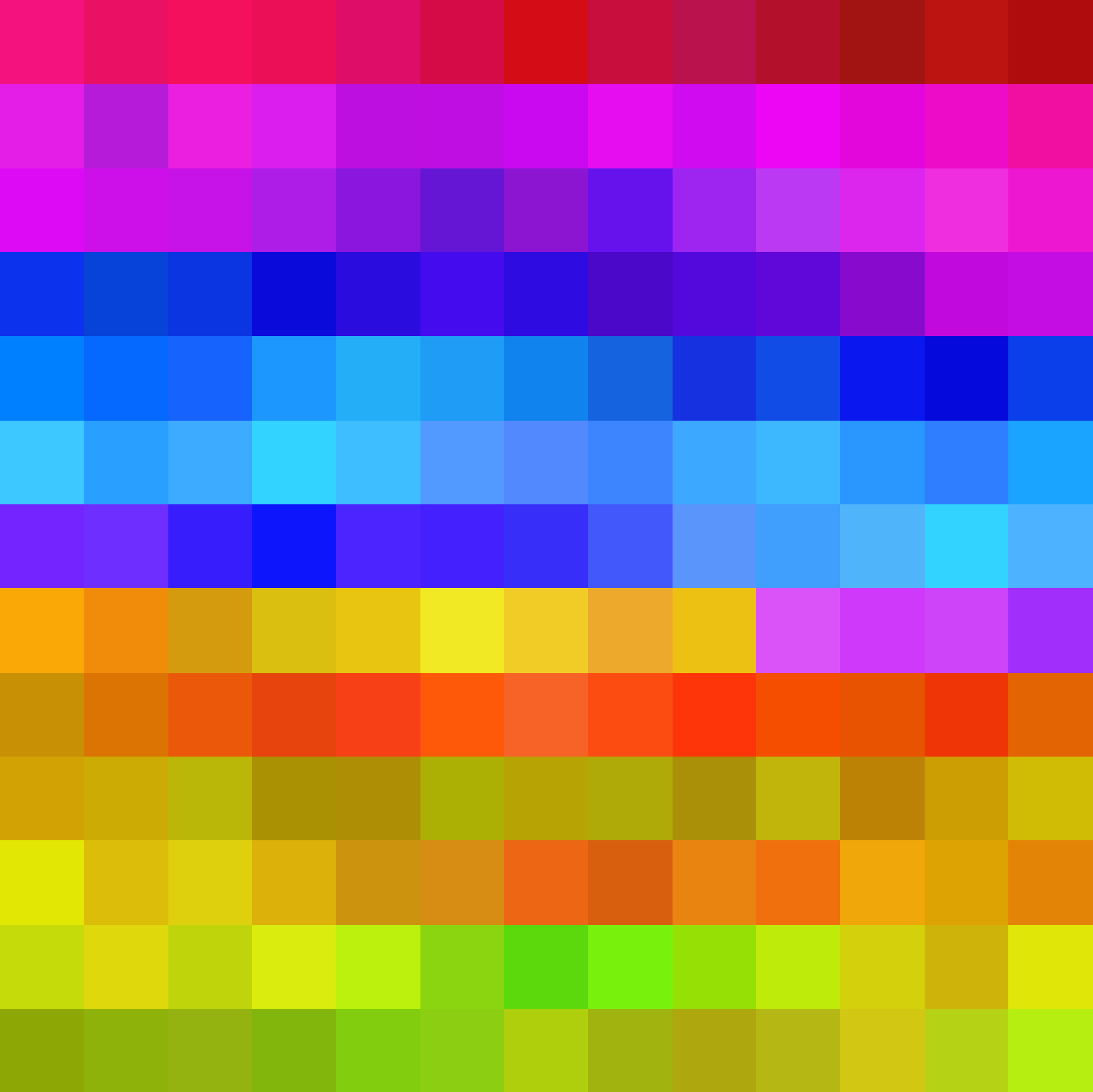
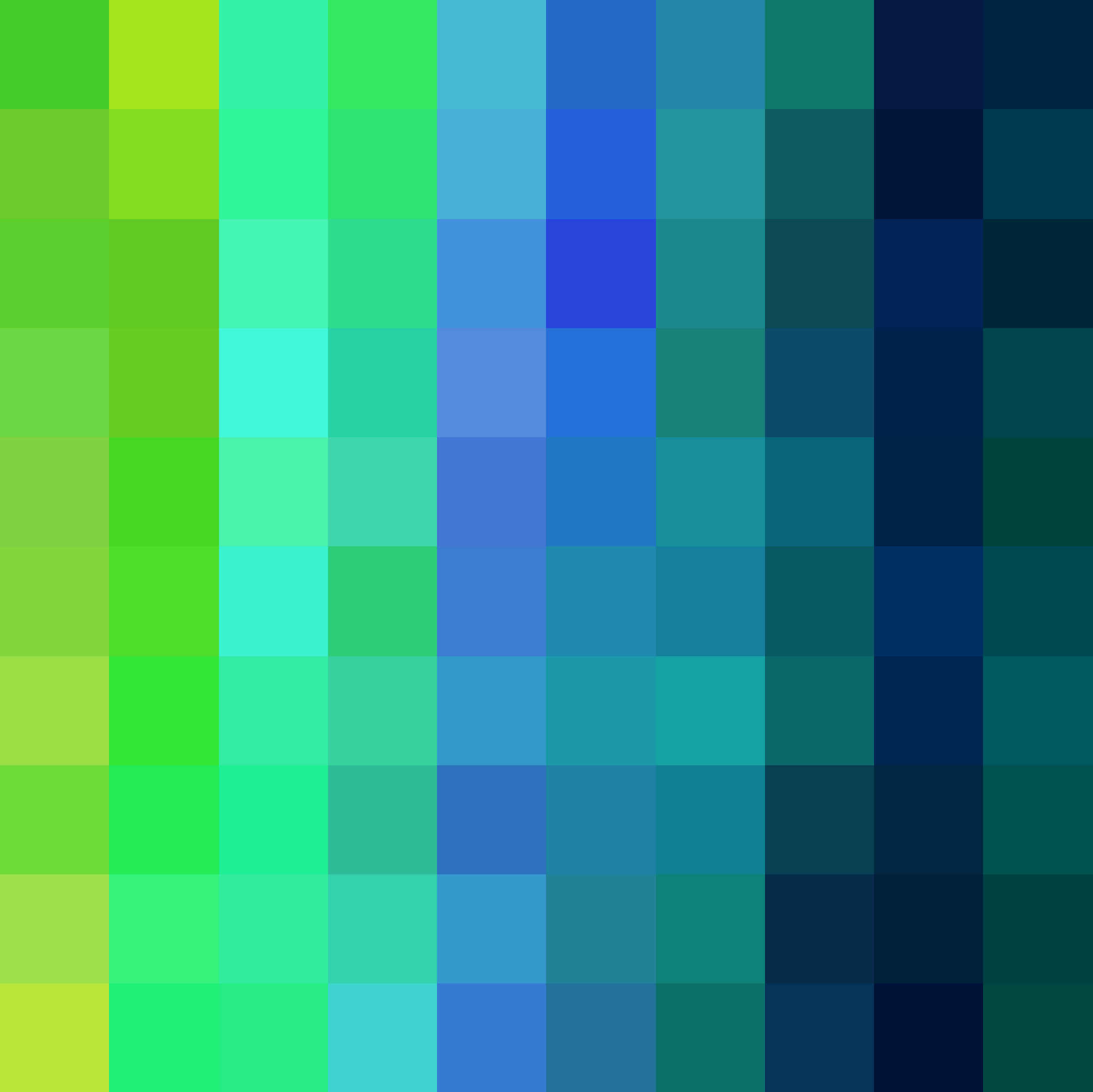This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly blue, and it also has some cyan, some indigo, a bit of purple, a little bit of green, and a little bit of violet in it.
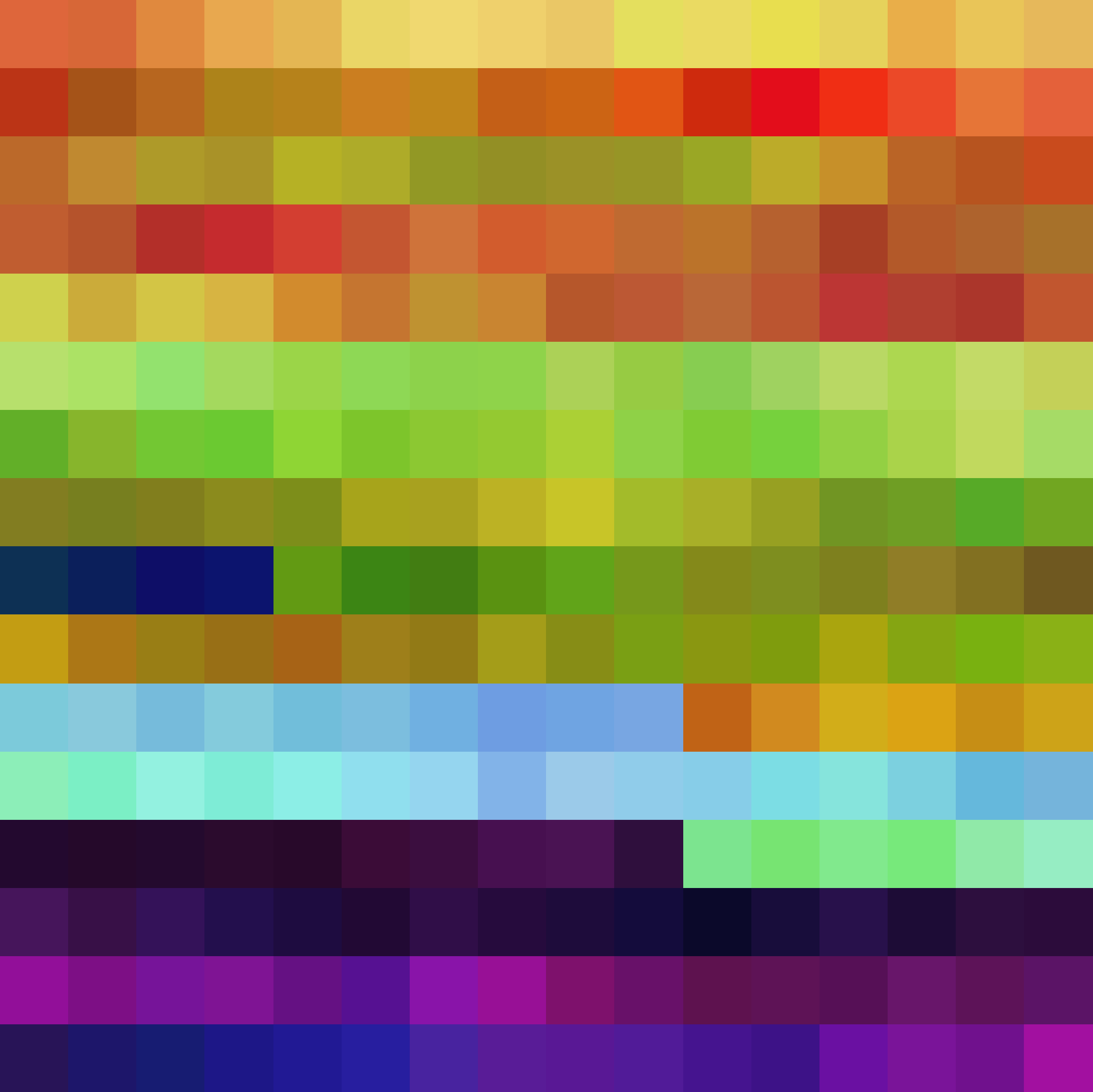
The cells in this 7 by 7 pixel grid form a very colourful gradient. It is mostly orange, and it also has quite some yellow, quite some magenta, a bit of red, a little bit of rose, and a tiny bit of lime in it.

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

This gradient, generated in this 10 by 10 pixel grid, is mostly blue, and it also has quite some cyan, quite some green, and a tiny bit of lime in it.

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

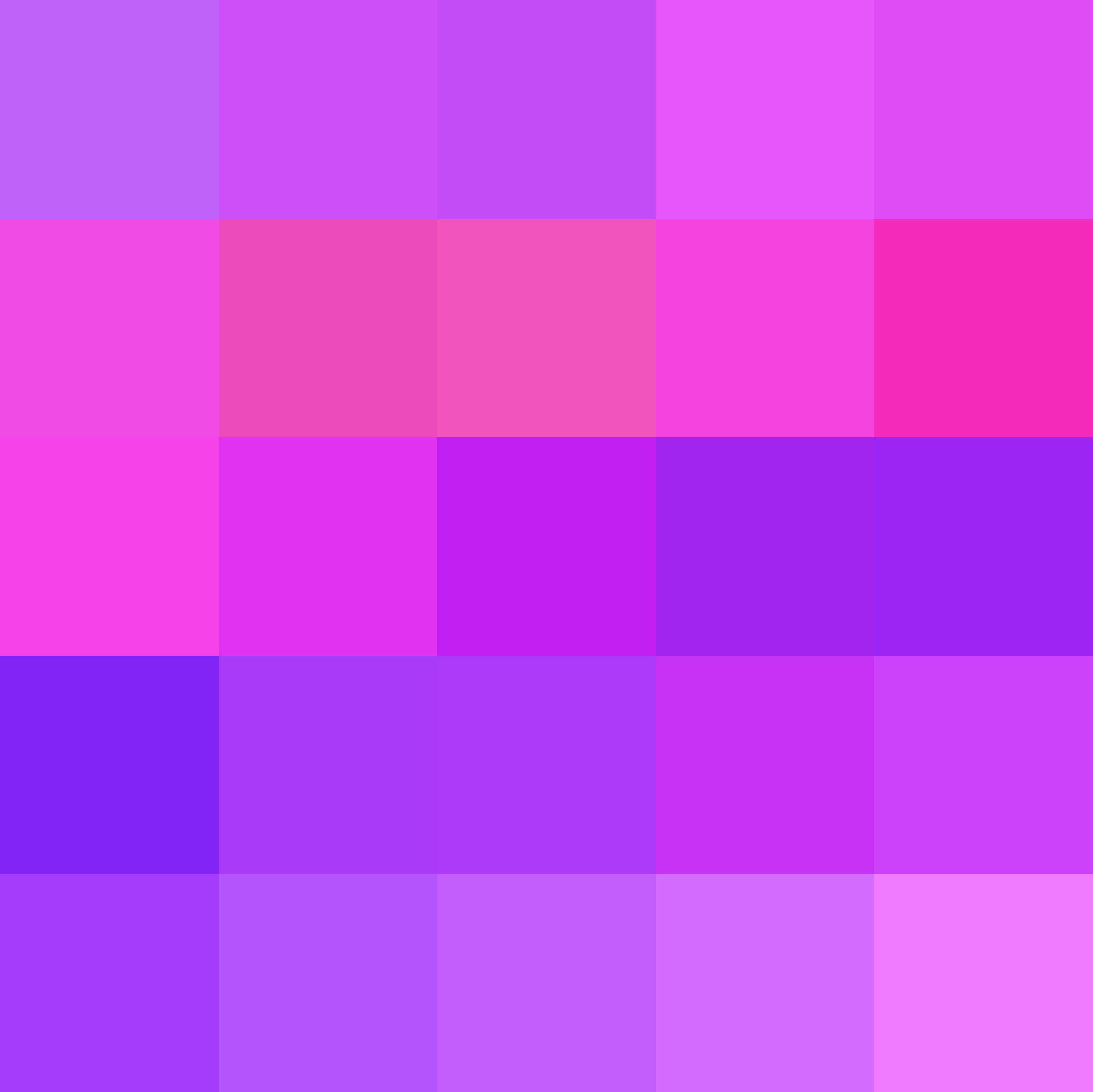The monochrome gradient in this 11 by 11 pixel grid is red.
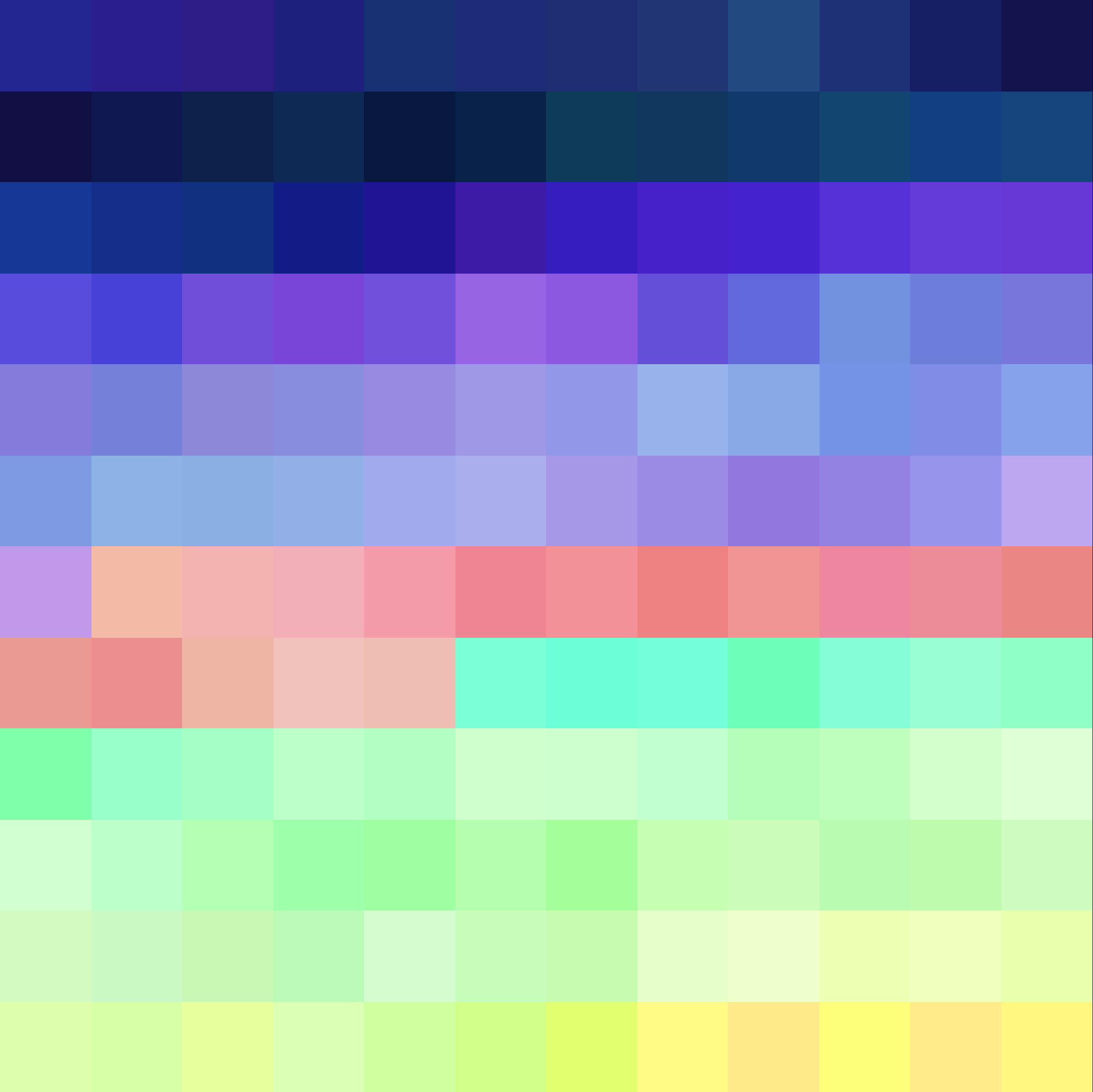
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, some indigo, a bit of red, a little bit of lime, a little bit of yellow, a little bit of violet, a tiny bit of orange, and a tiny bit of cyan in it.
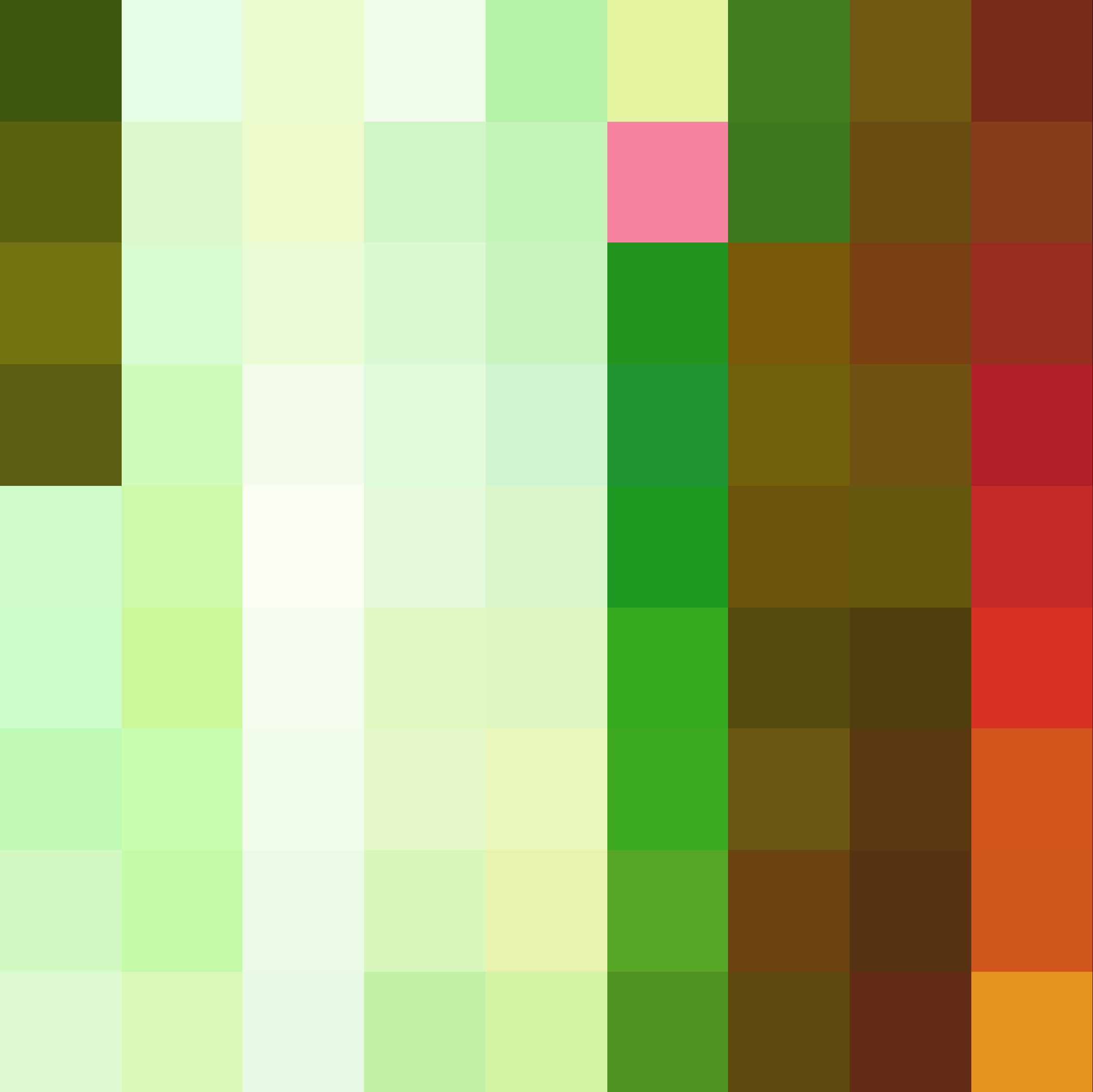
A grid with 81 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has some orange, some yellow, a bit of red, and a little bit of lime in it.

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

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly red, but it also has quite some orange, a little bit of magenta, a little bit of purple, a little bit of yellow, a little bit of violet, a tiny bit of indigo, a tiny bit of rose, and a tiny bit of green in it.
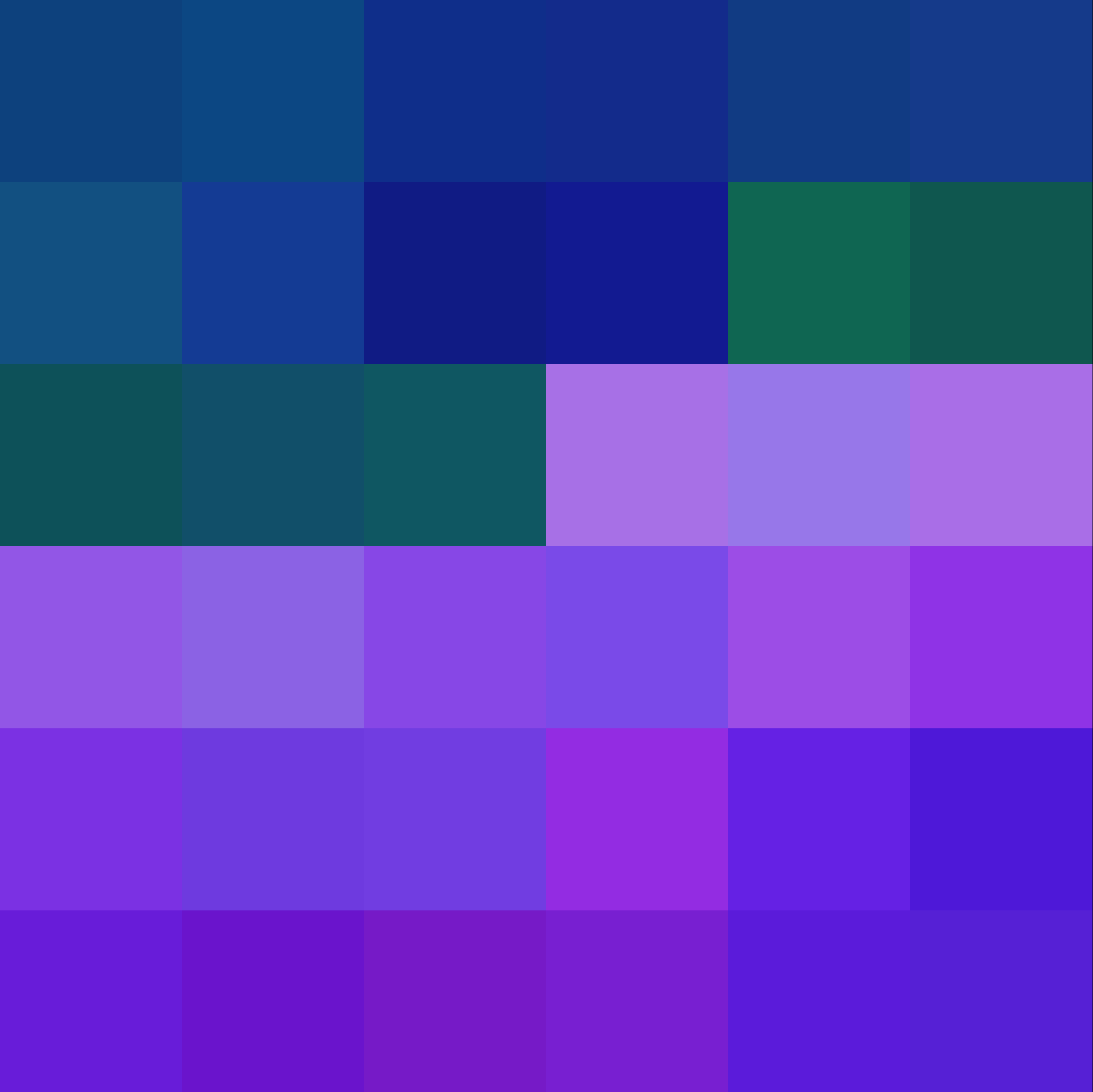
A grid with 100 coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, and it also has quite some orange, some lime, a bit of red, and a tiny bit of green in it.
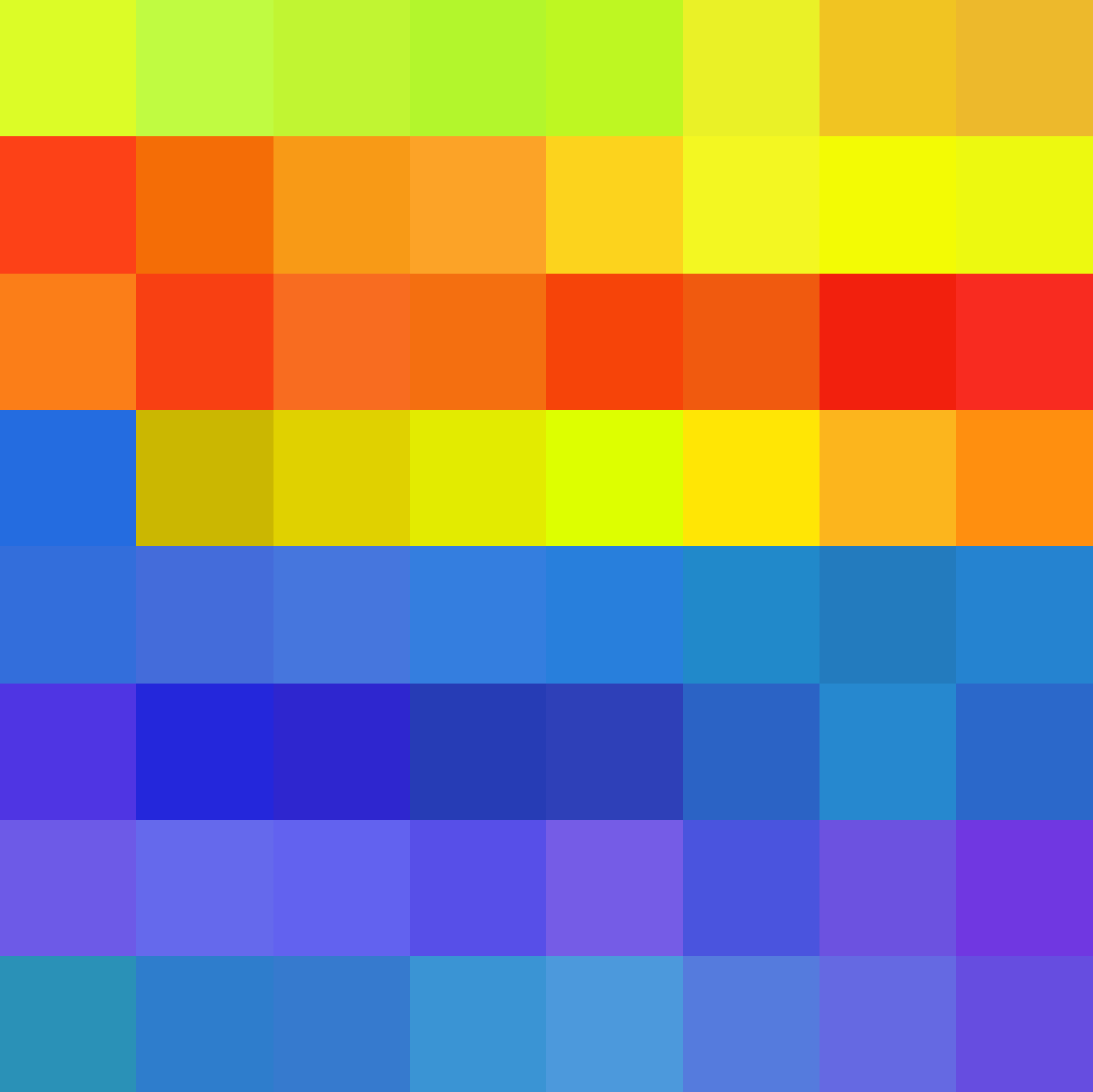
The very colourful gradient in this 8 by 8 pixel grid is mostly blue, and it also has some yellow, some orange, some indigo, a bit of red, a little bit of lime, and a tiny bit of green in it.
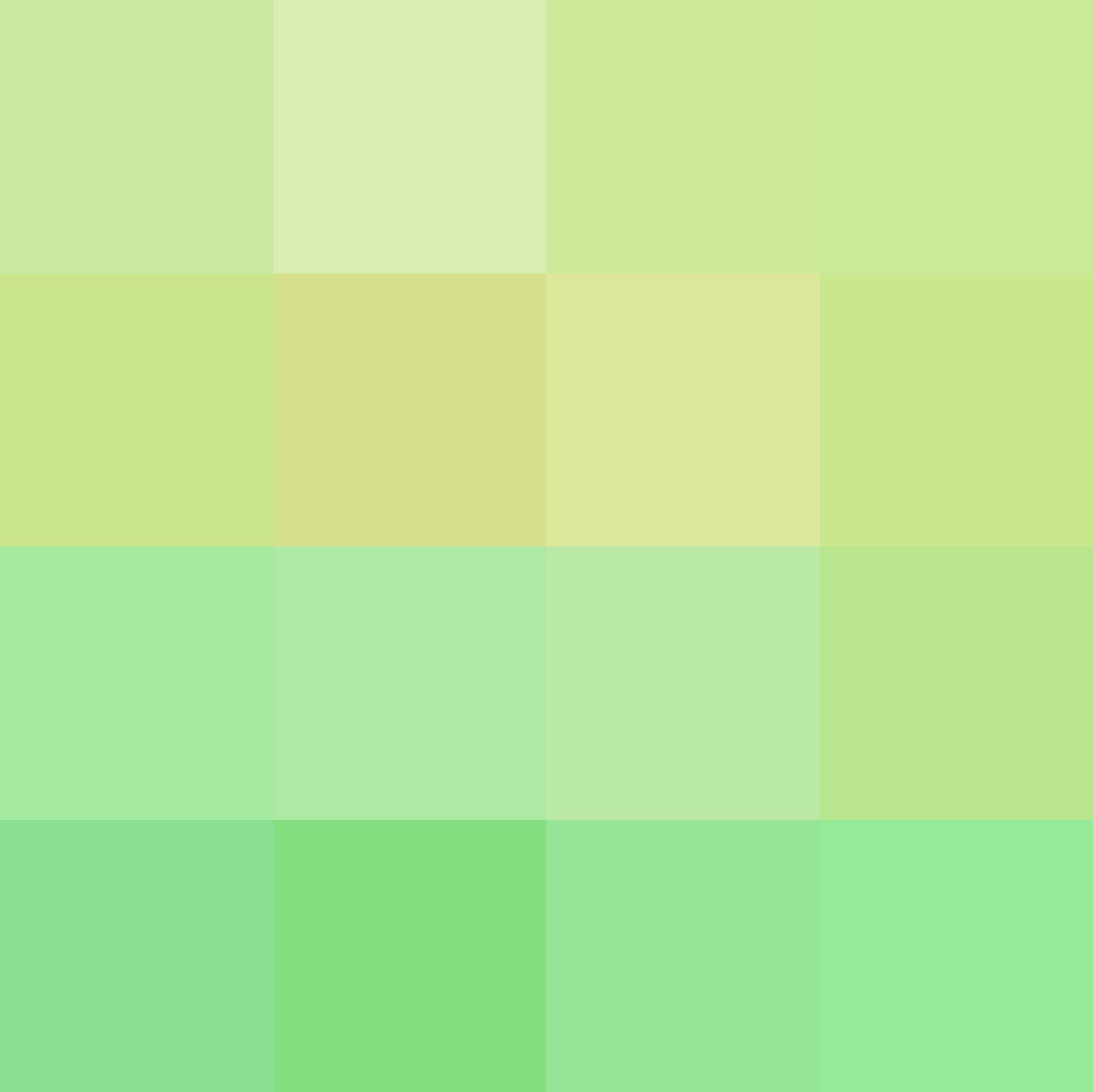
This gradient, generated in this 4 by 4 pixel grid, is mostly green, and it also has some lime, and some yellow in it.

A colourful grid of 36 blocks. It's mostly blue, but it also has quite some violet, quite some indigo, some cyan, and some purple in it.
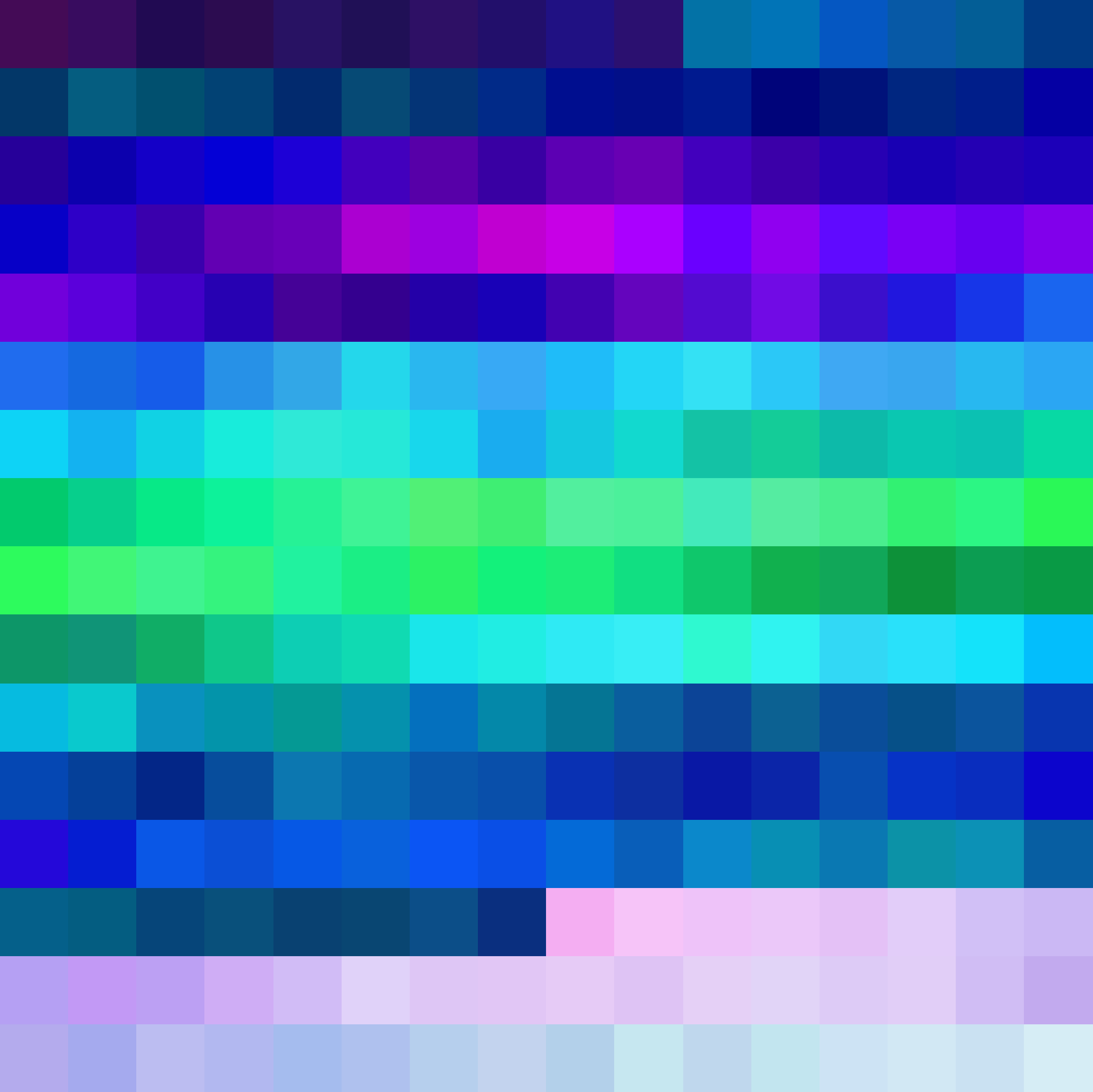
A grid of 25 blocks. It's mostly green, and it also has quite some cyan, some red, and some rose in it.
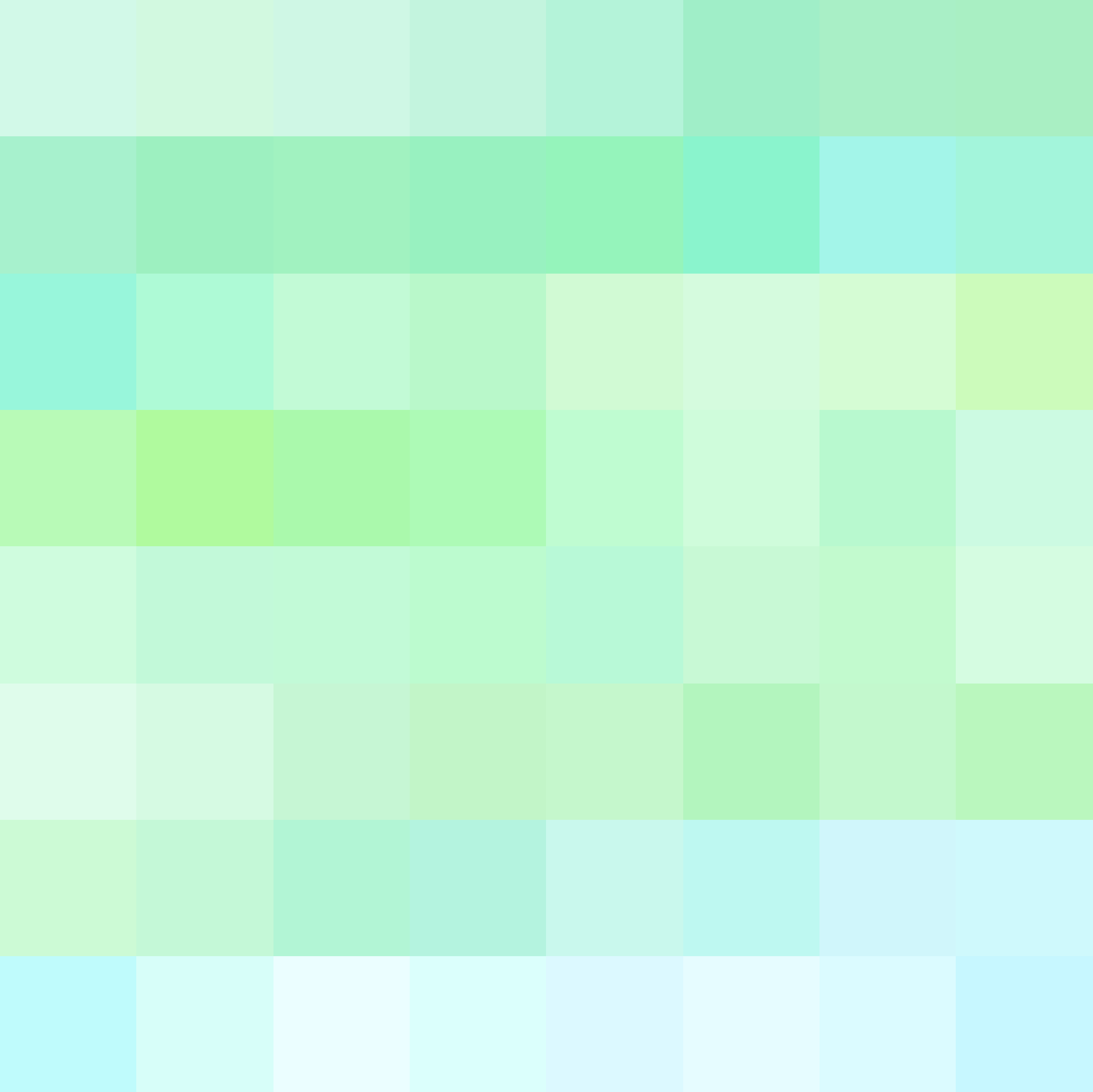
This gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has quite some cyan, a tiny bit of blue, and a tiny bit of lime in it.
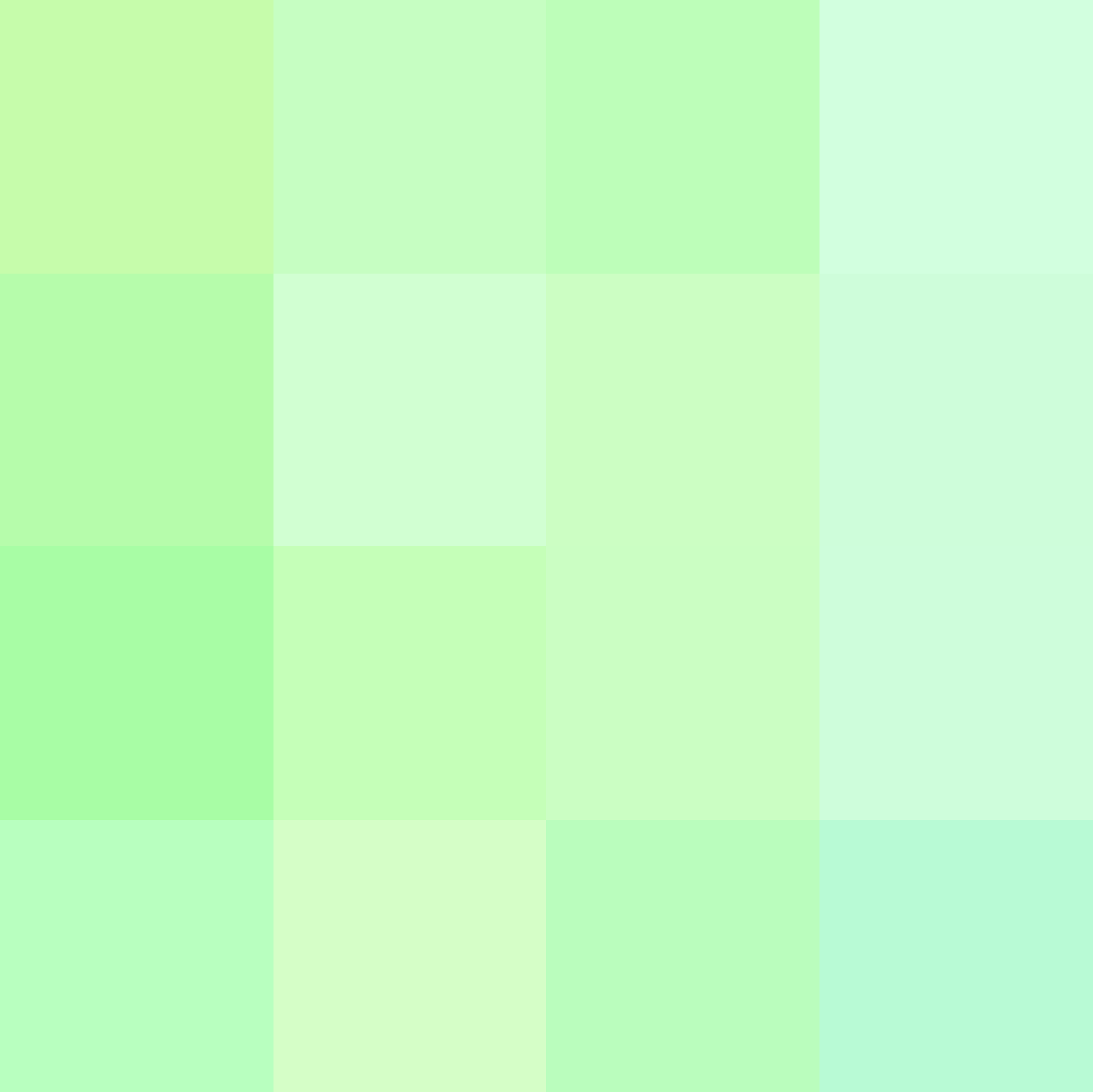
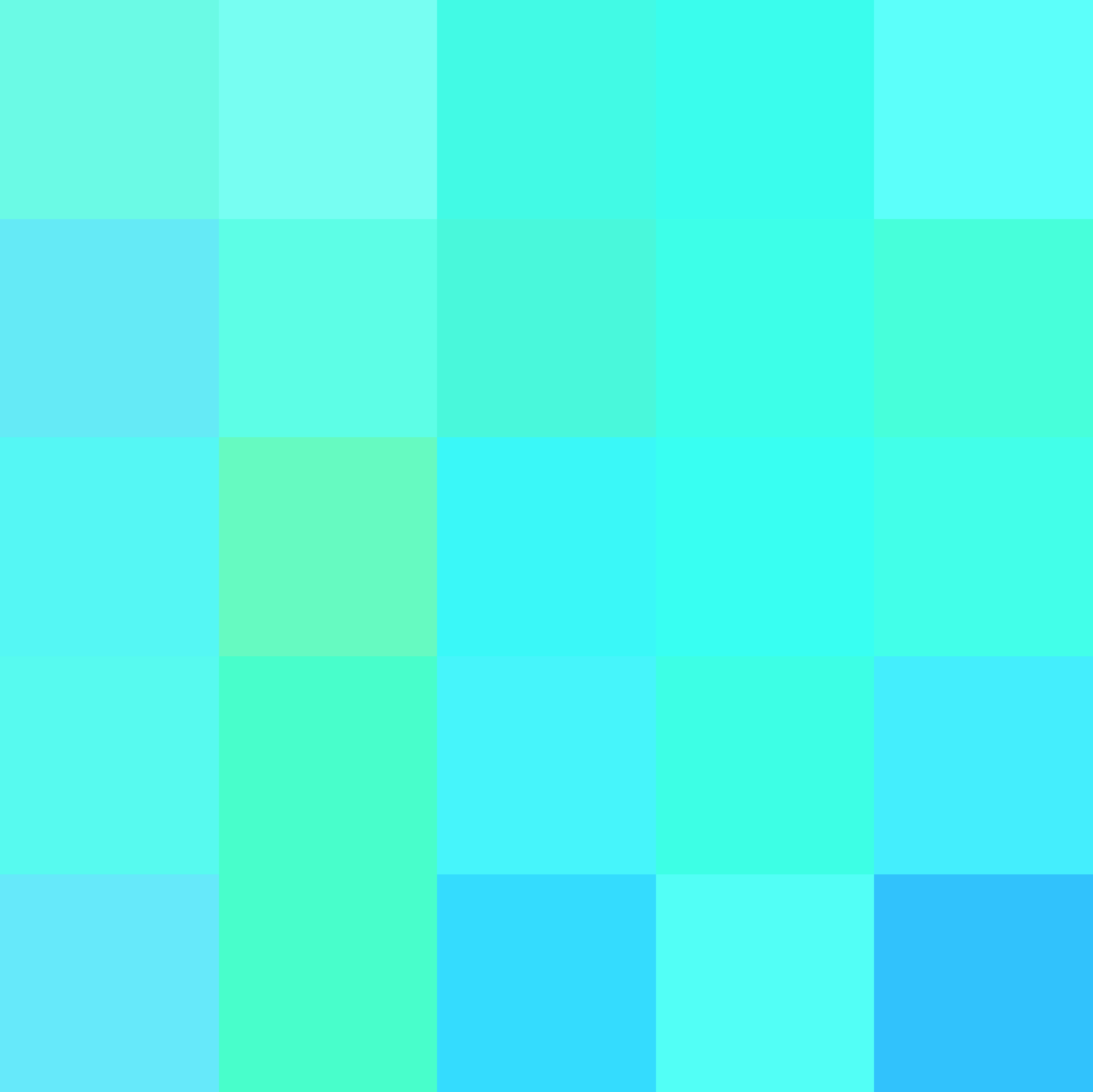A 16 by 16 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some cyan, some green, some indigo, some violet, a bit of purple, and a tiny bit of magenta in it.

There's a two tone pixel gradient in this 8 by 8 grid. It is mostly green, but it also has quite some cyan in it.

Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is green.

A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has some green, and a little bit of blue in it.
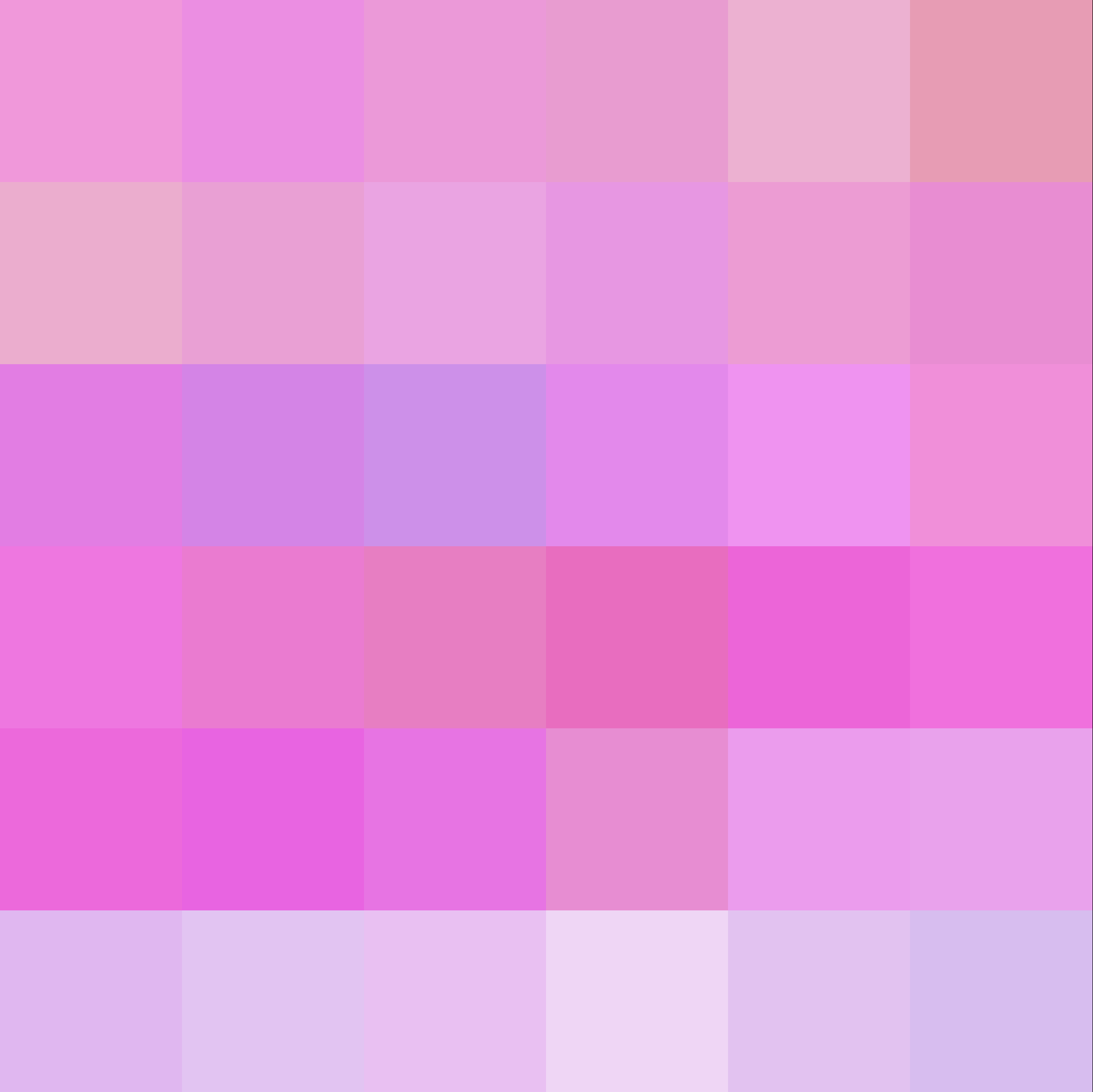
This gradient, generated in this 6 by 6 pixel grid, is mostly magenta, and it also has quite some purple, and a bit of rose in it.

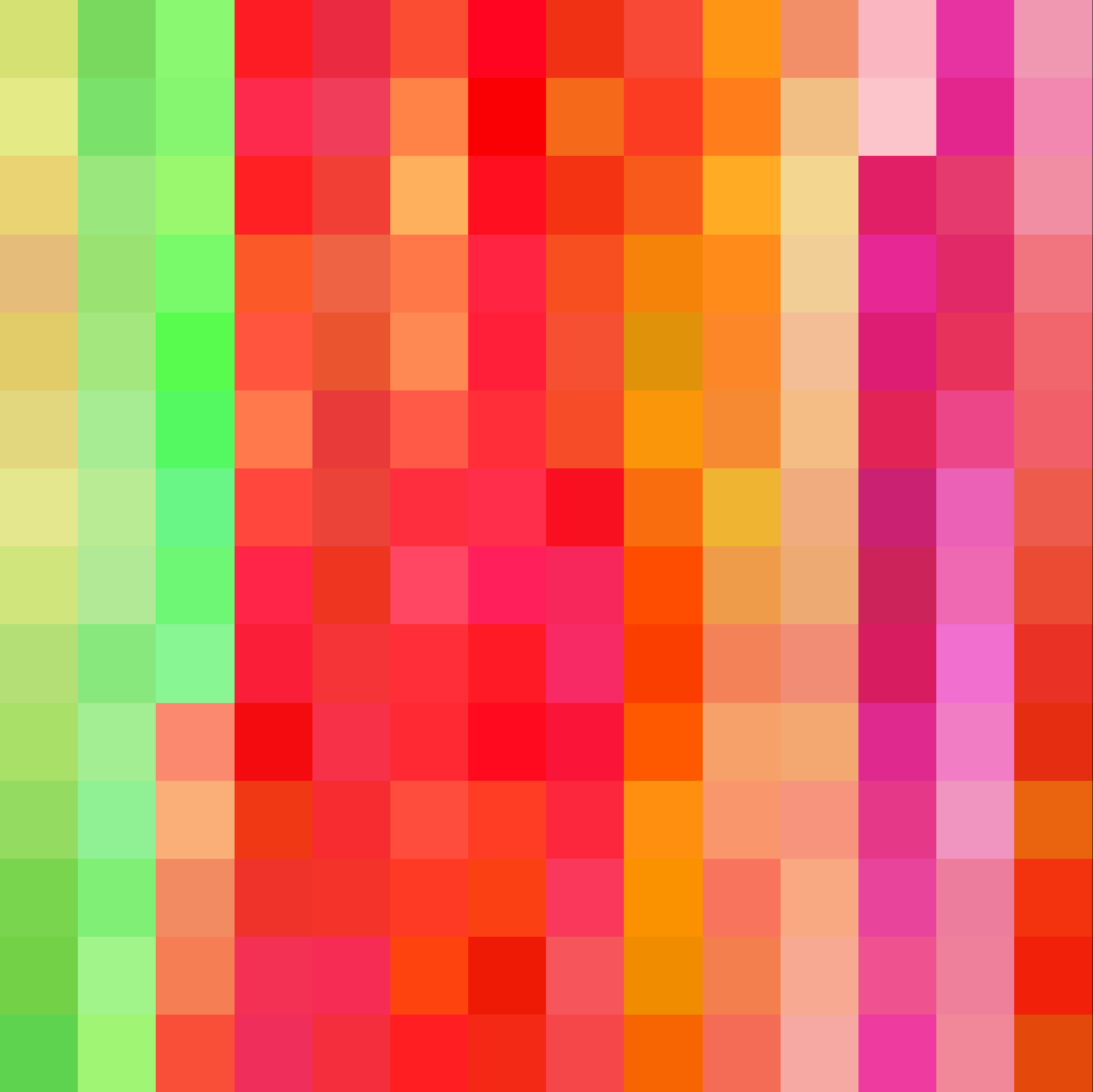This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, but it also has some magenta, some red, a bit of yellow, a bit of orange, a bit of rose, a little bit of purple, a little bit of violet, a little bit of cyan, a tiny bit of indigo, and a tiny bit of lime in it.

This very colourful gradient, generated in this 14 by 14 pixel grid, is mostly red, and it also has quite some orange, some green, a bit of rose, a little bit of yellow, a little bit of magenta, and a tiny bit of lime in it.

The very, very colourful gradient in this 12 by 12 pixel grid is mostly red, and it also has some blue, a bit of orange, a bit of indigo, a little bit of cyan, a little bit of yellow, a tiny bit of lime, and a tiny bit of purple in it.
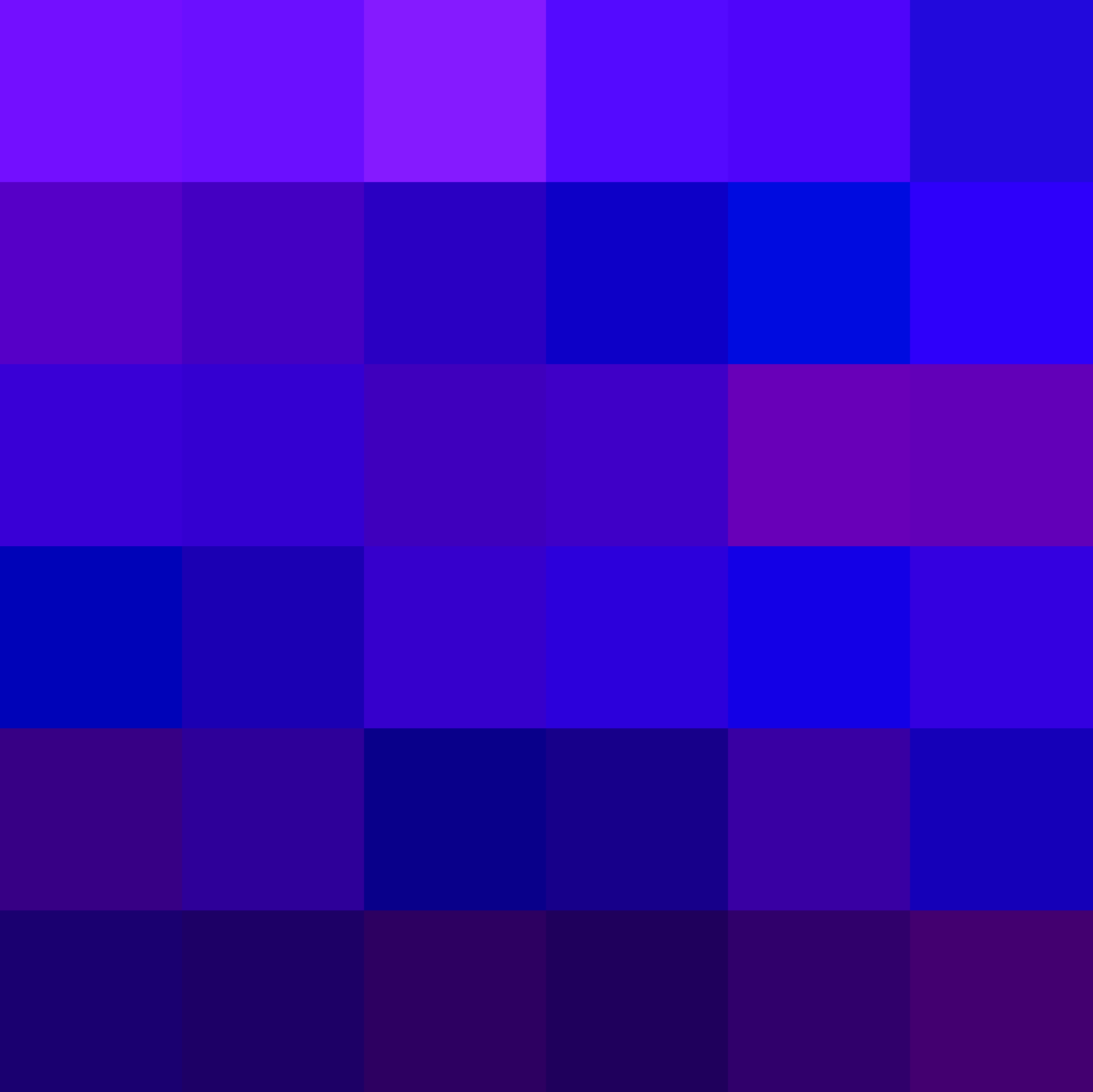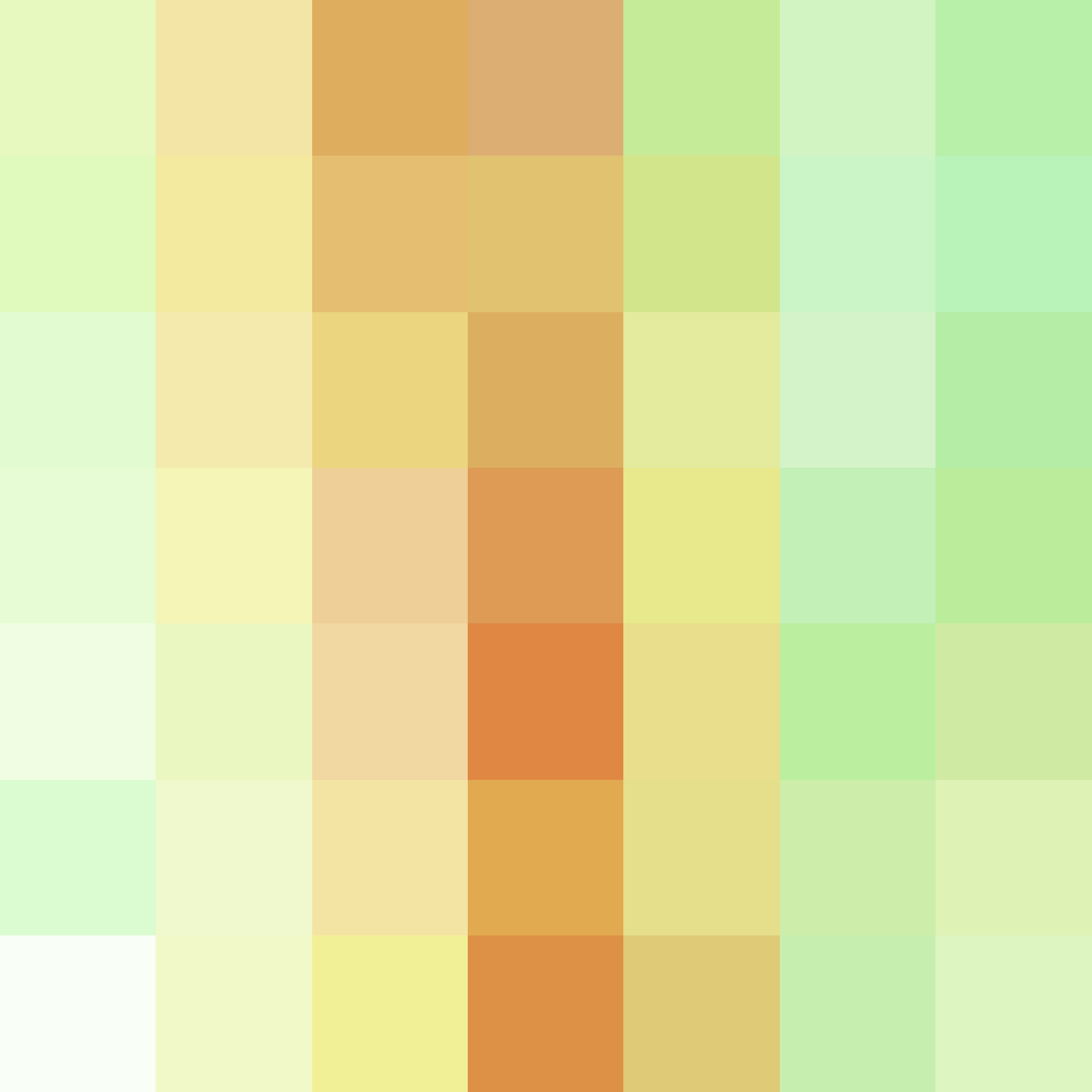
There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly green, and it also has quite some red, some orange, a bit of yellow, a bit of purple, a bit of magenta, a tiny bit of indigo, a tiny bit of rose, and a tiny bit of violet in it.
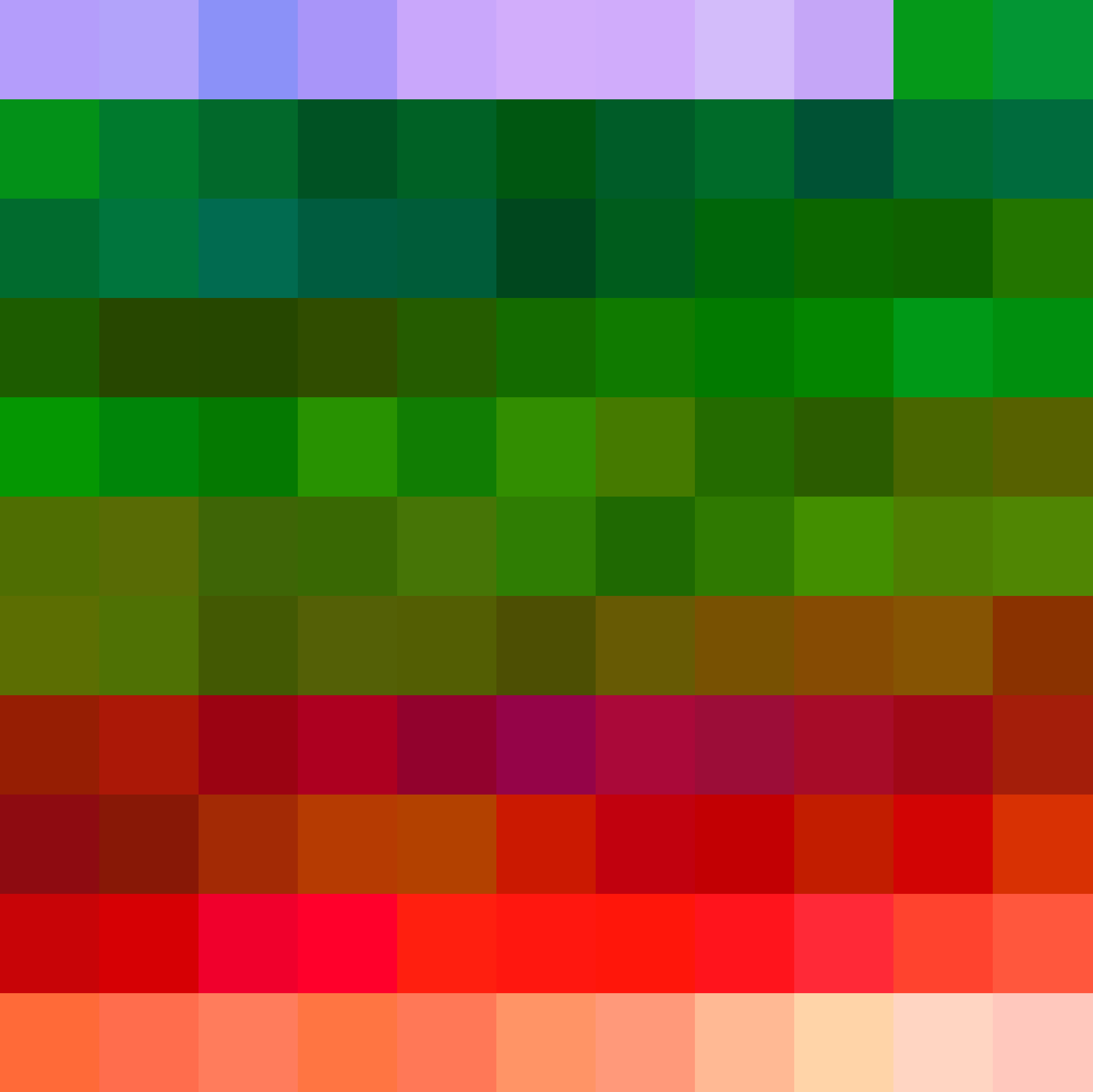
A colourful grid of 169 blocks. It's mostly red,
but it also has quite some orange, some yellow, a
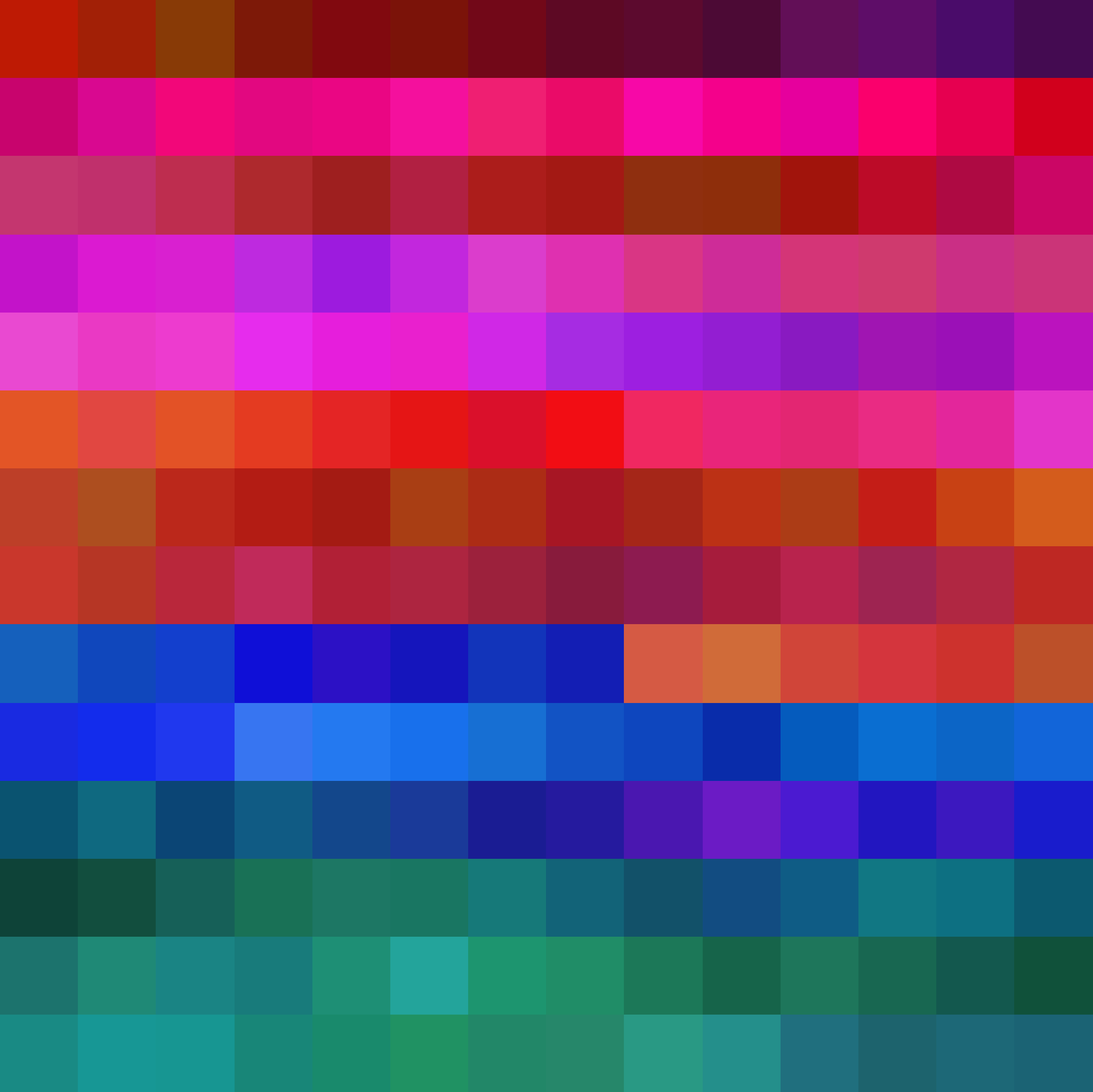little bit of lime, and a little bit of green in it.

This pixel gradient—it is 6 cells wide, 6 cells high—is mostly indigo, but it also has quite some violet, a bit of purple, and a little bit of blue in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some yellow, quite some orange, and a bit of lime in it.

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

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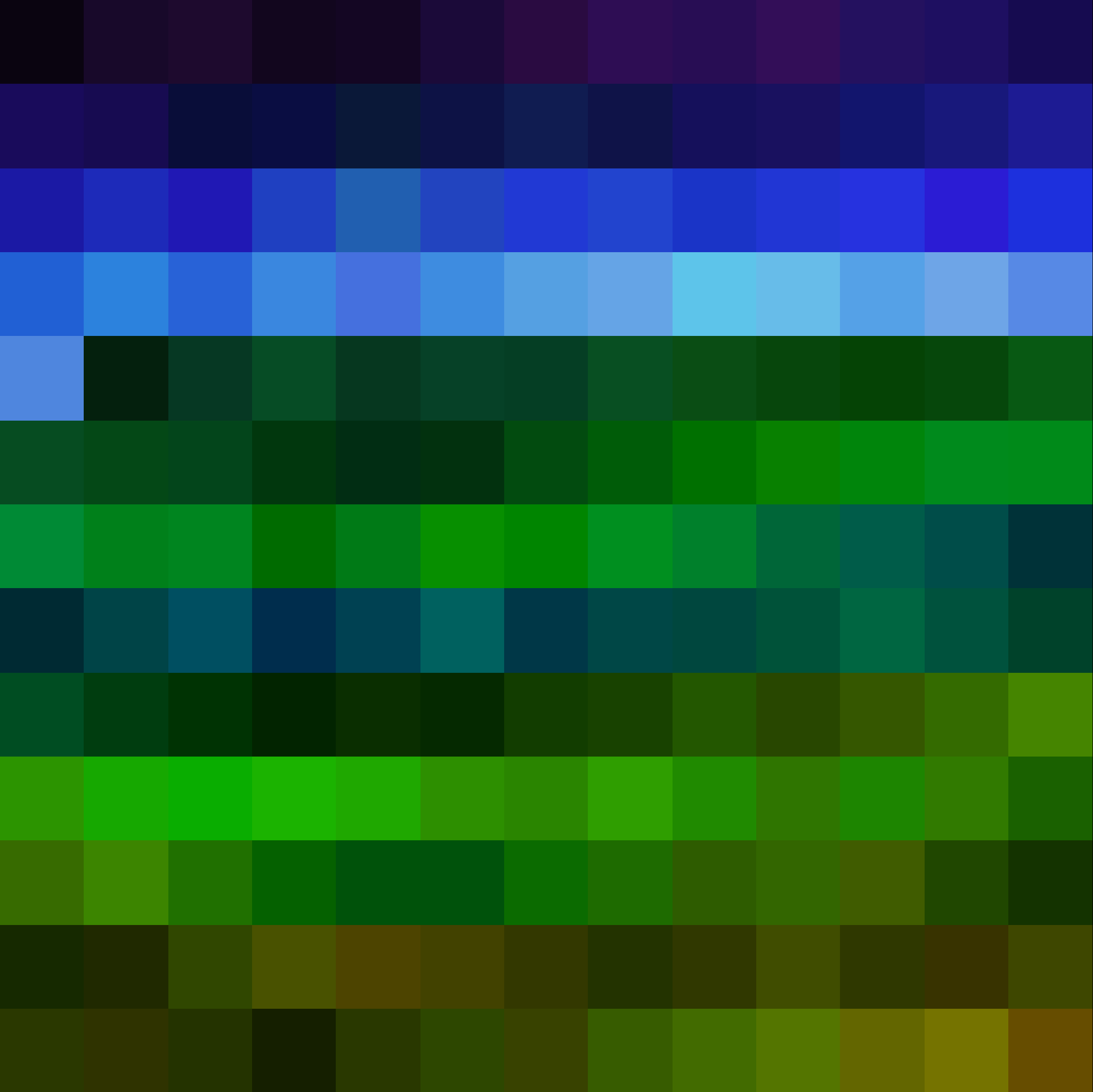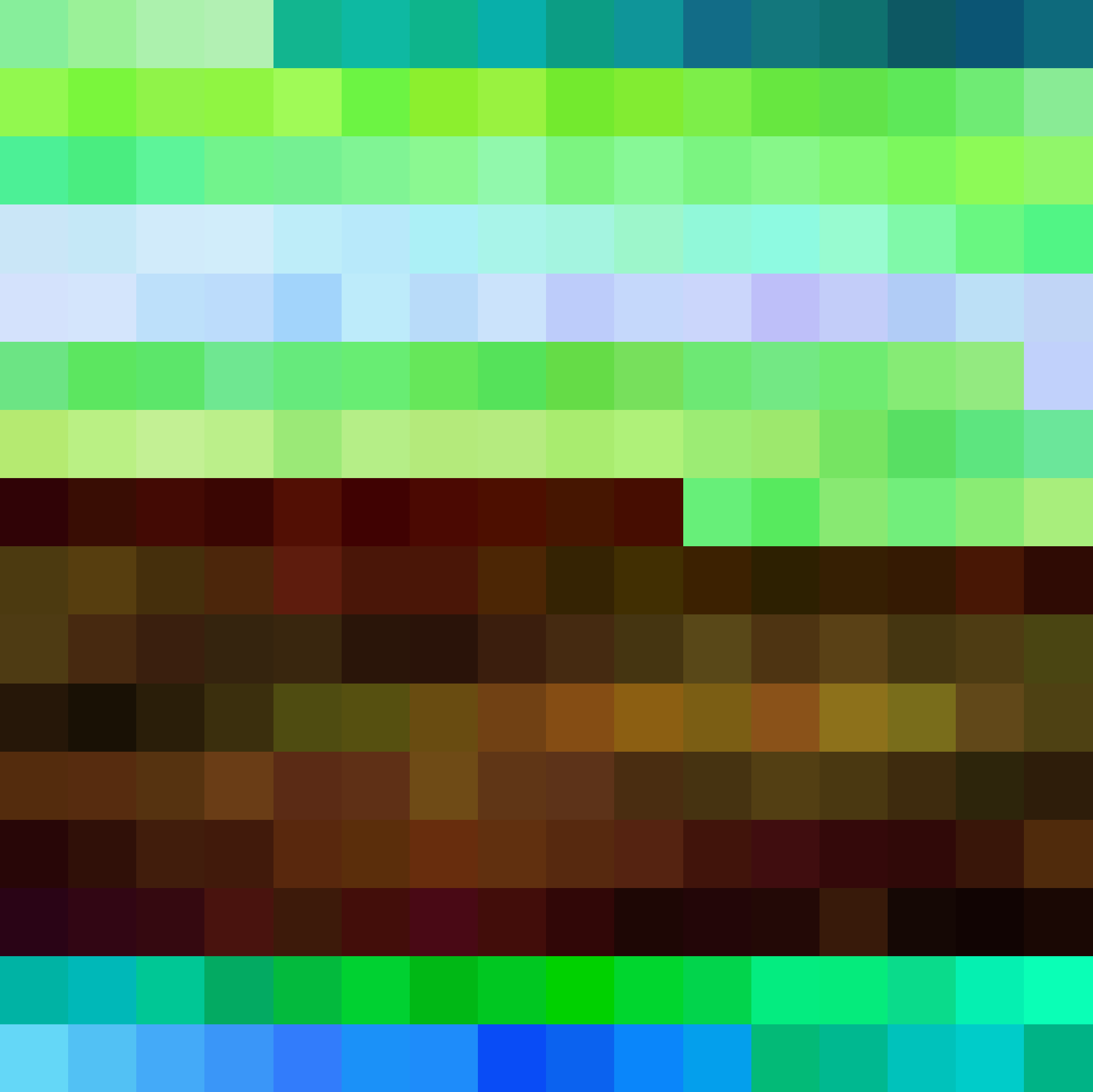
A very, very colourful grid of 169 blocks. It's mostly green, and it also has quite some blue, a bit of yellow, a bit of indigo, a bit of cyan, a little bit of lime, a little bit of violet, a tiny bit of purple, and a tiny bit of orange in it.

Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly orange, and it also has quite some red, some rose, a little bit of magenta, a little bit of yellow, a little bit of indigo, a tiny bit of violet, a tiny bit of lime, and a tiny bit of green in it.
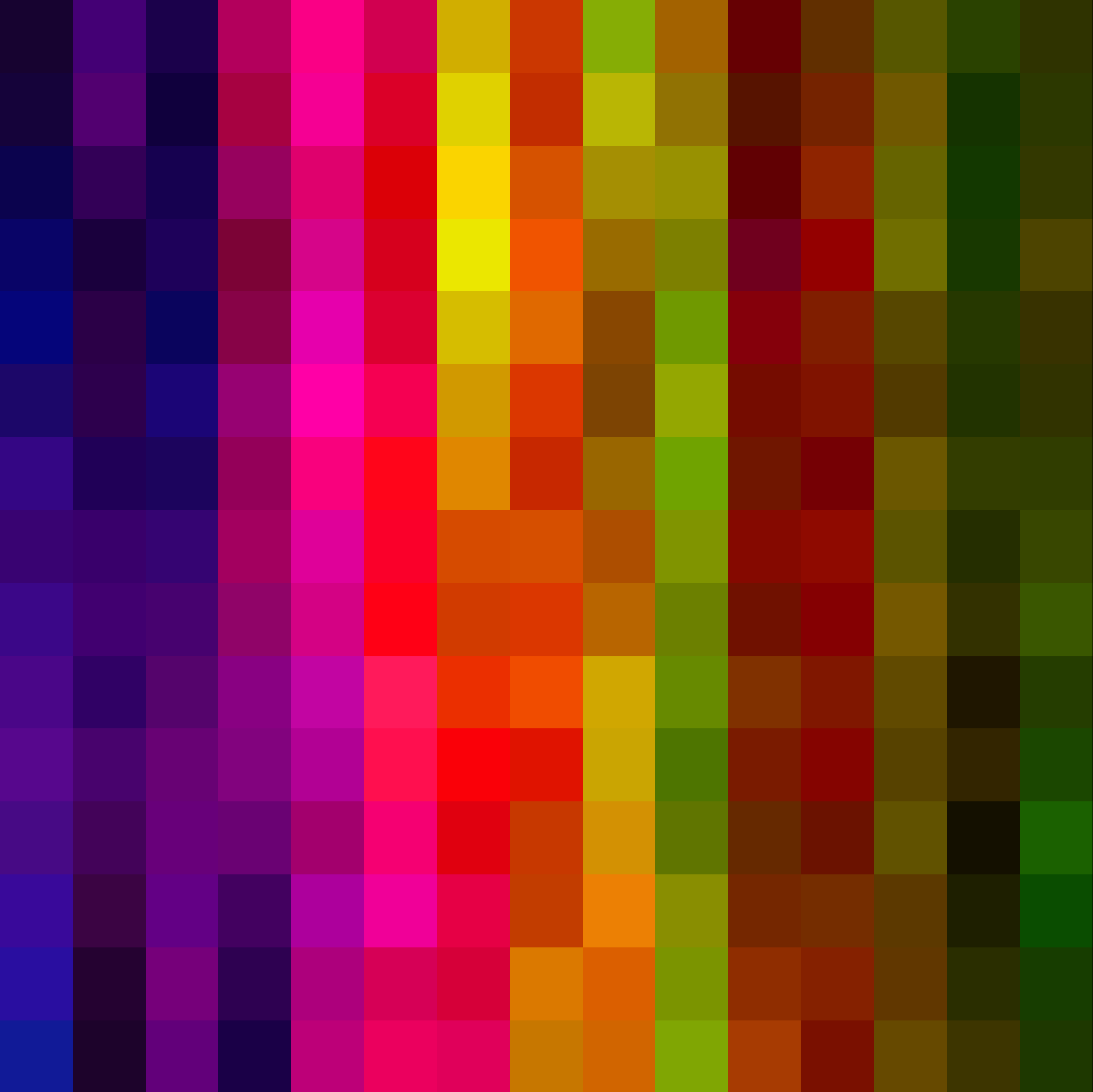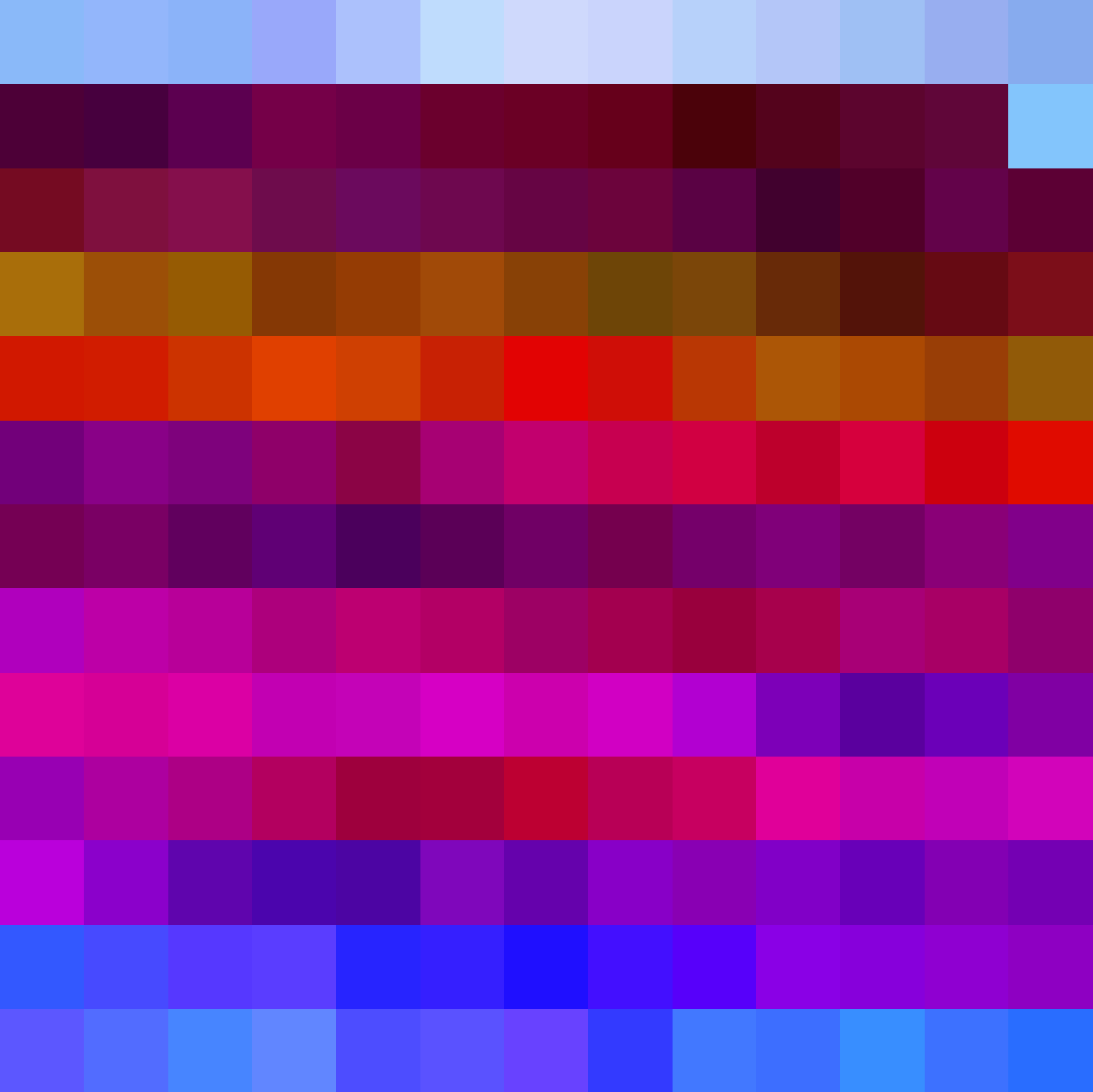
A grid with 256 coloured squares that form a
very colourful gradient. The colours are various
shades of mostly green, but it also has quite
some orange, some blue, some red, a bit of cyan,
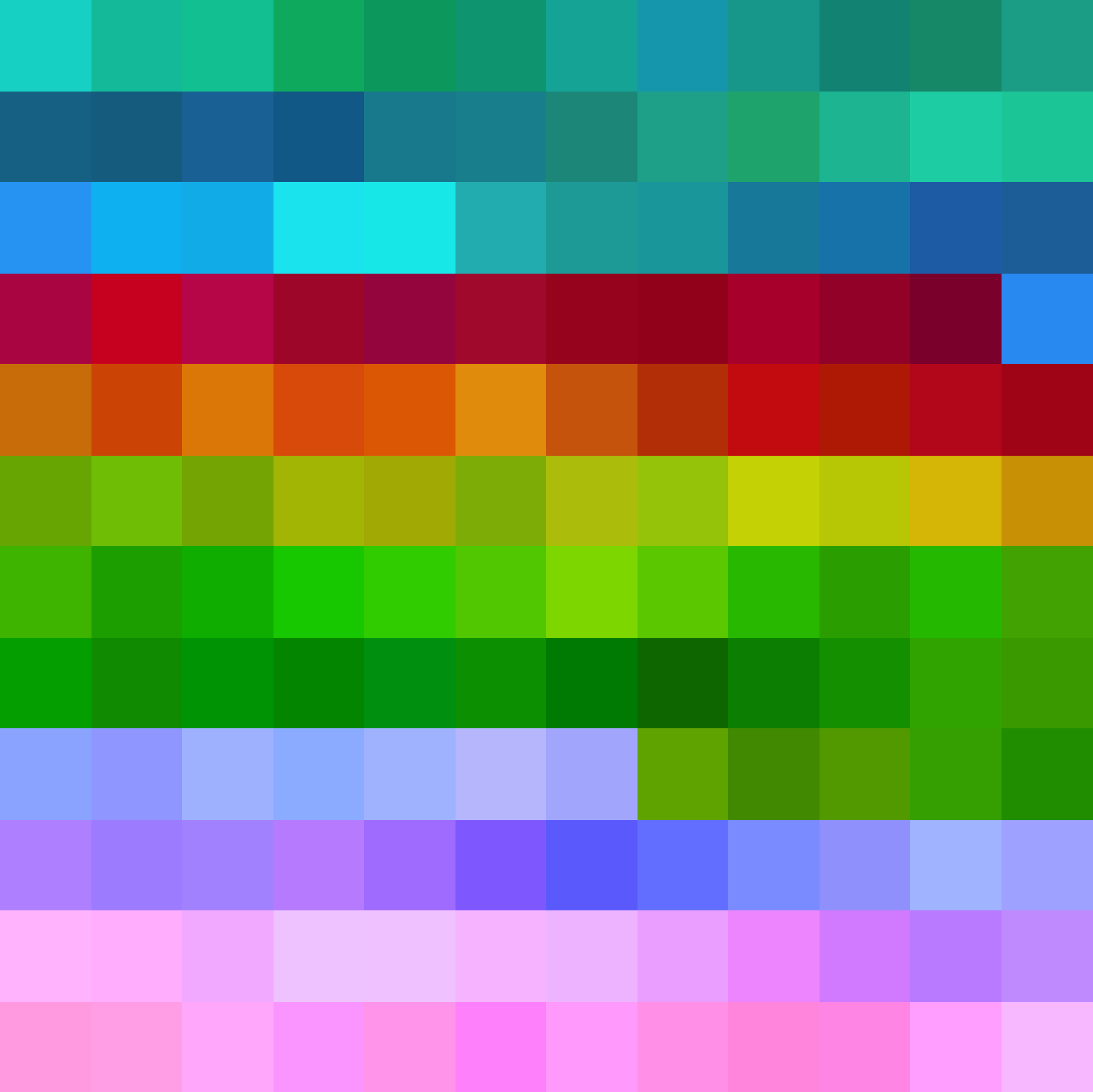and a tiny bit of yellow in it.
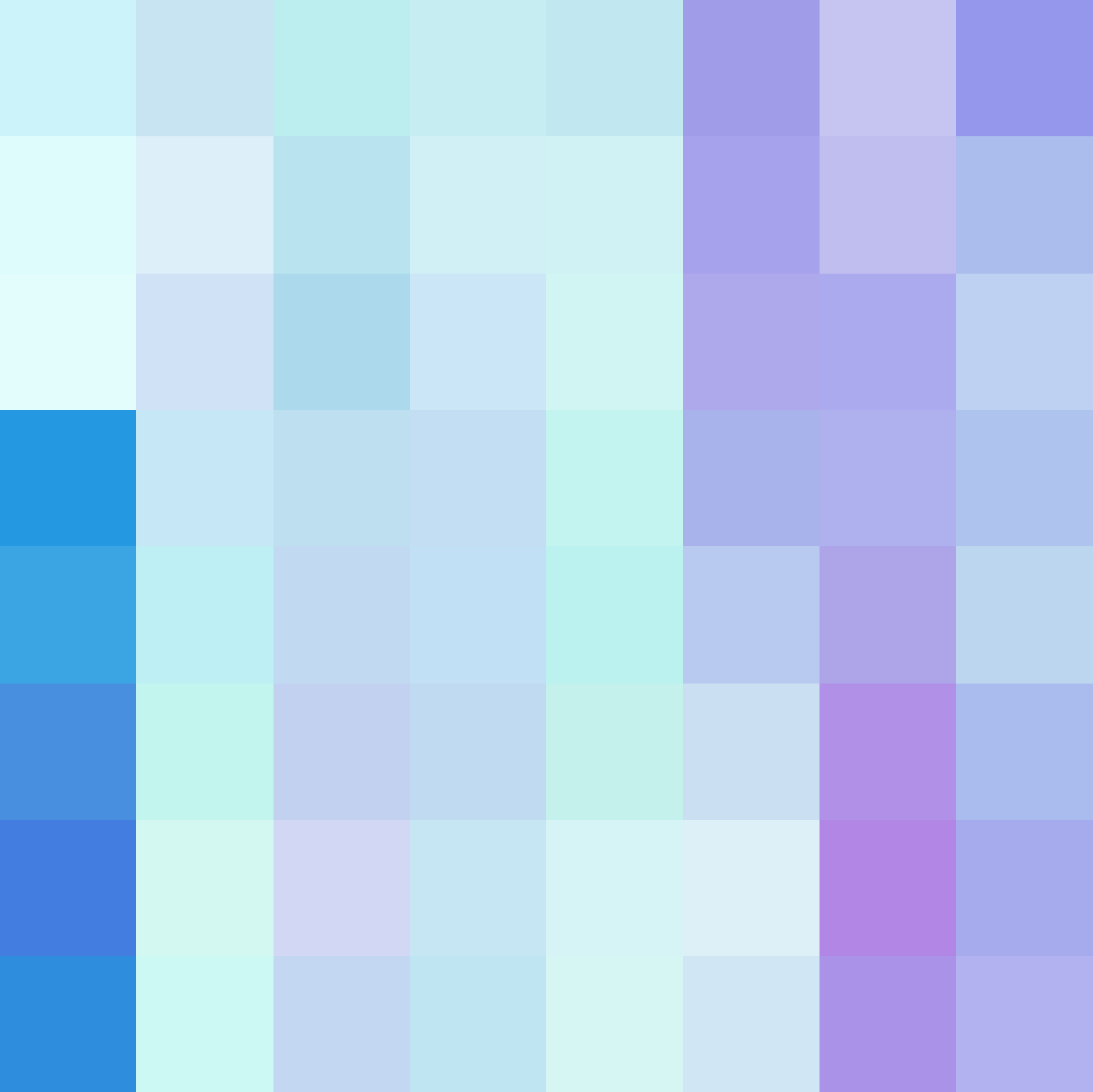
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some indigo, and a little bit of violet in it.

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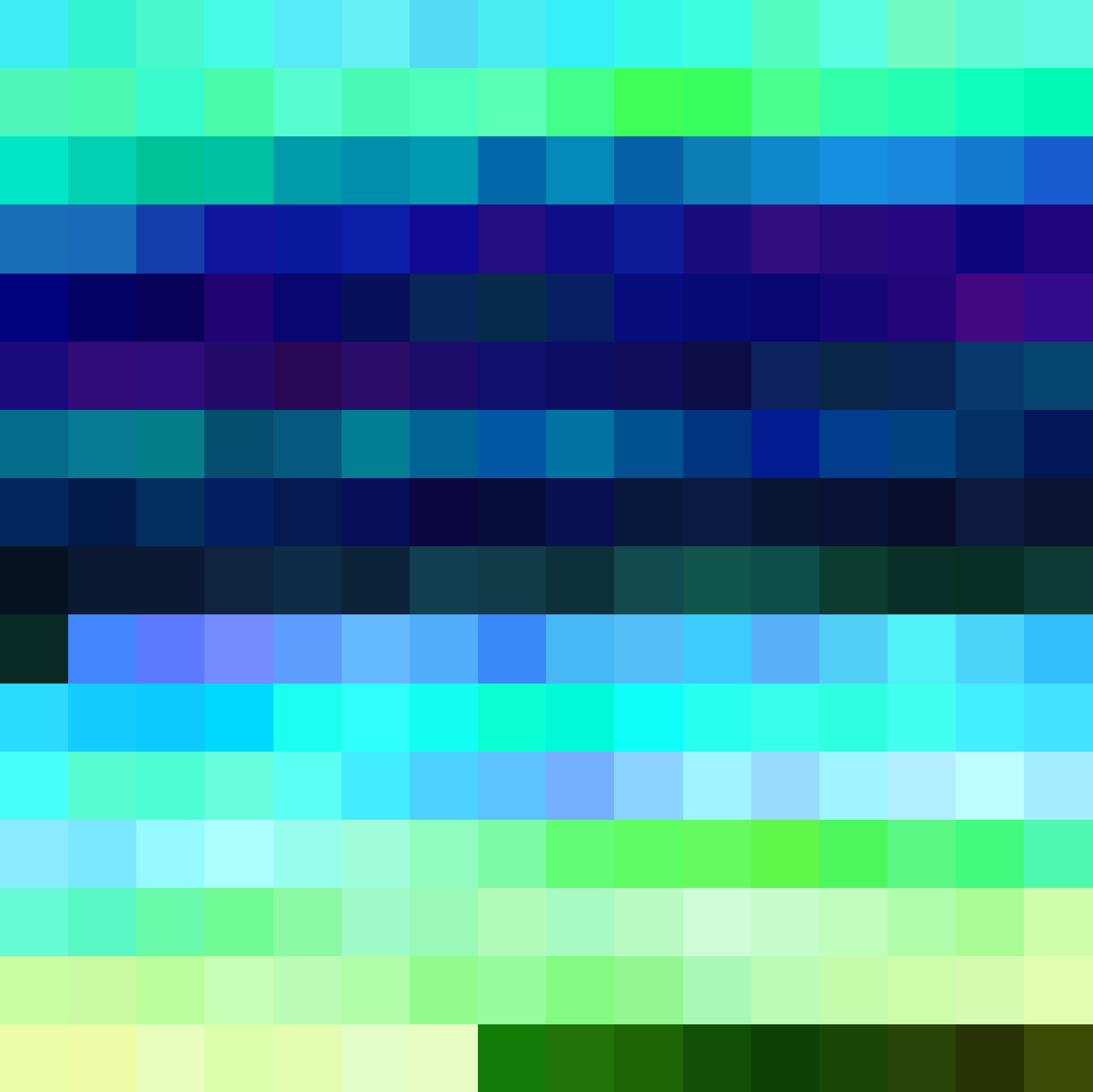
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has some blue, some purple, some rose, a bit of orange, a bit of red, a little bit of indigo, and a tiny bit of violet in it.

A very, very colourful grid of 144 blocks. It's mostly green, but it also has some blue, some cyan, a bit of magenta, a bit of red, a little bit of orange, a little bit of purple, a little bit of yellow, a little bit of rose, a little bit of violet, a tiny bit of lime, and a tiny bit of indigo in it.
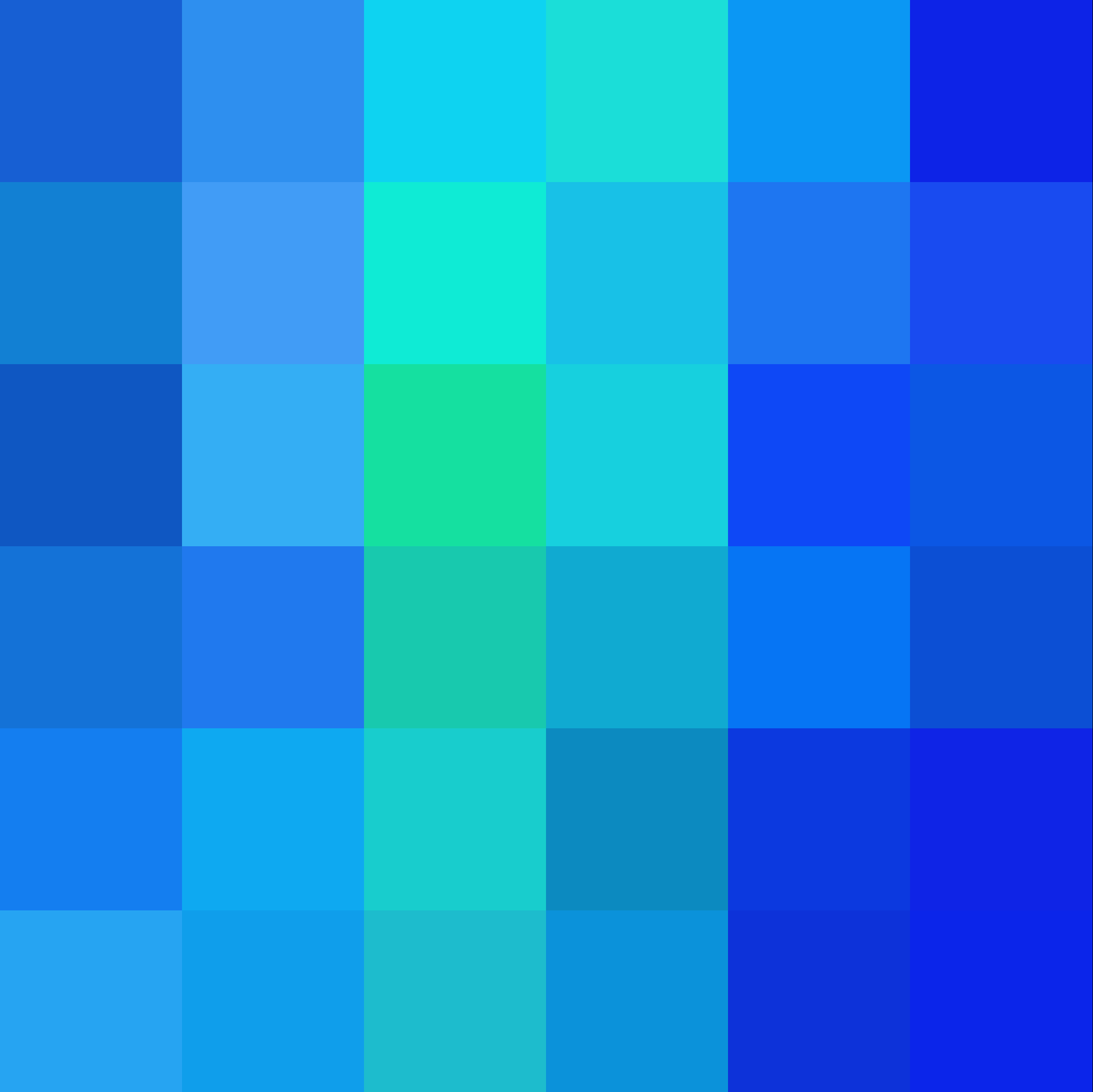
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some cyan, and a little bit of green in it.

A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some green, quite some cyan, a bit of indigo, a tiny bit of violet, a tiny bit of lime, and a tiny bit of yellow in it.
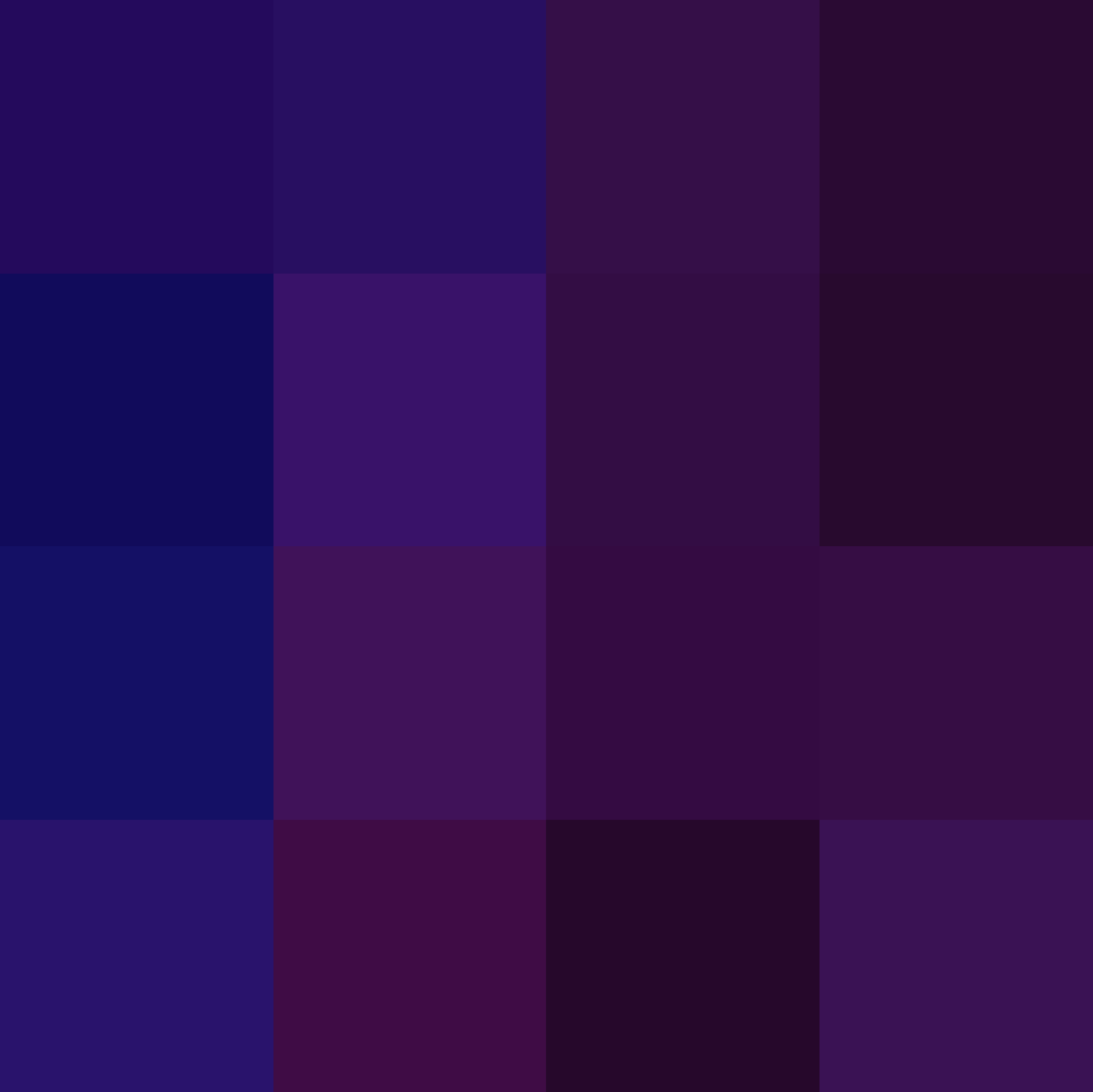
This gradient, generated in this 4 by 4 pixel grid, is mostly purple, but it also has quite some indigo, some magenta, and a little bit of violet in it.
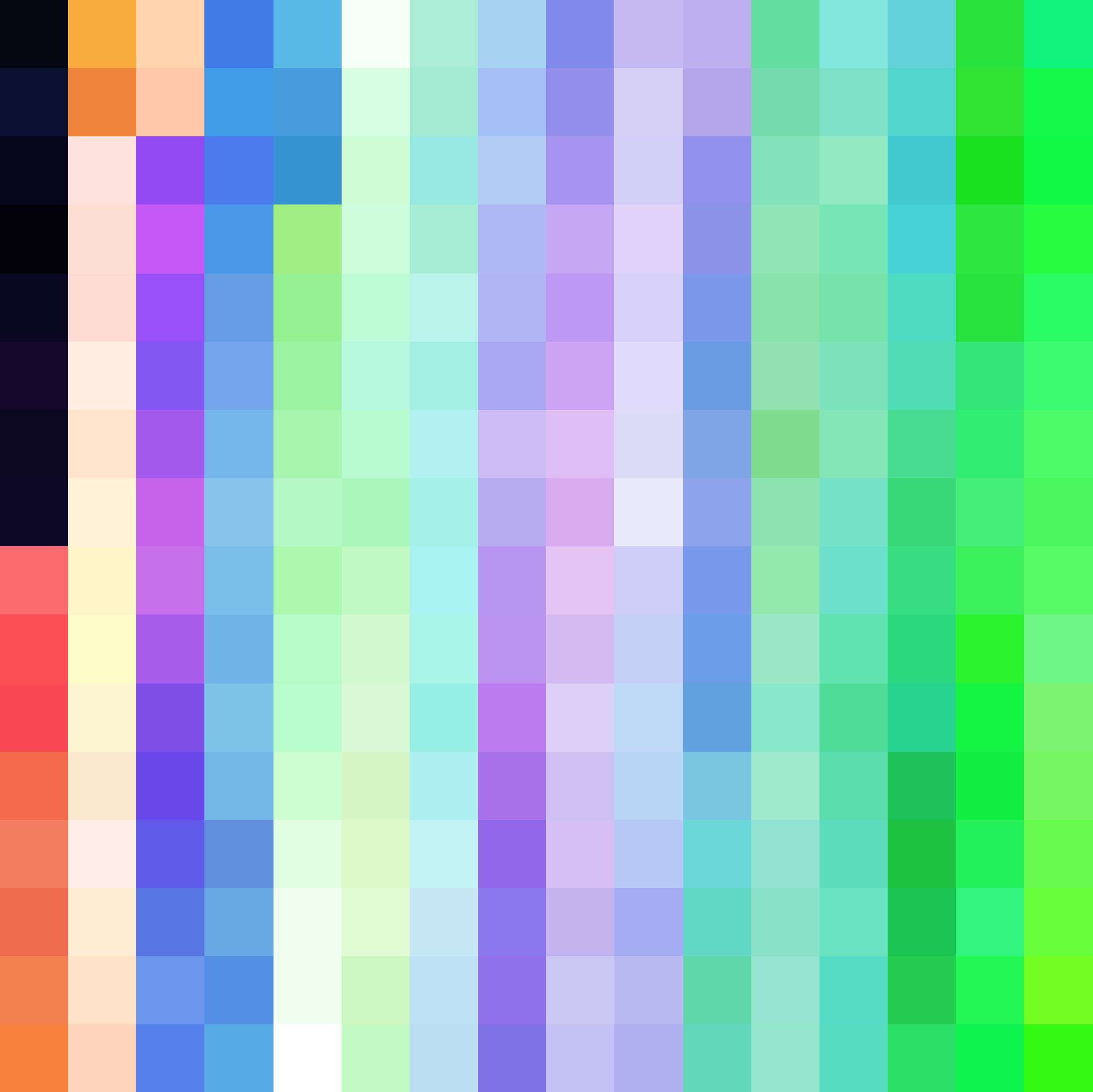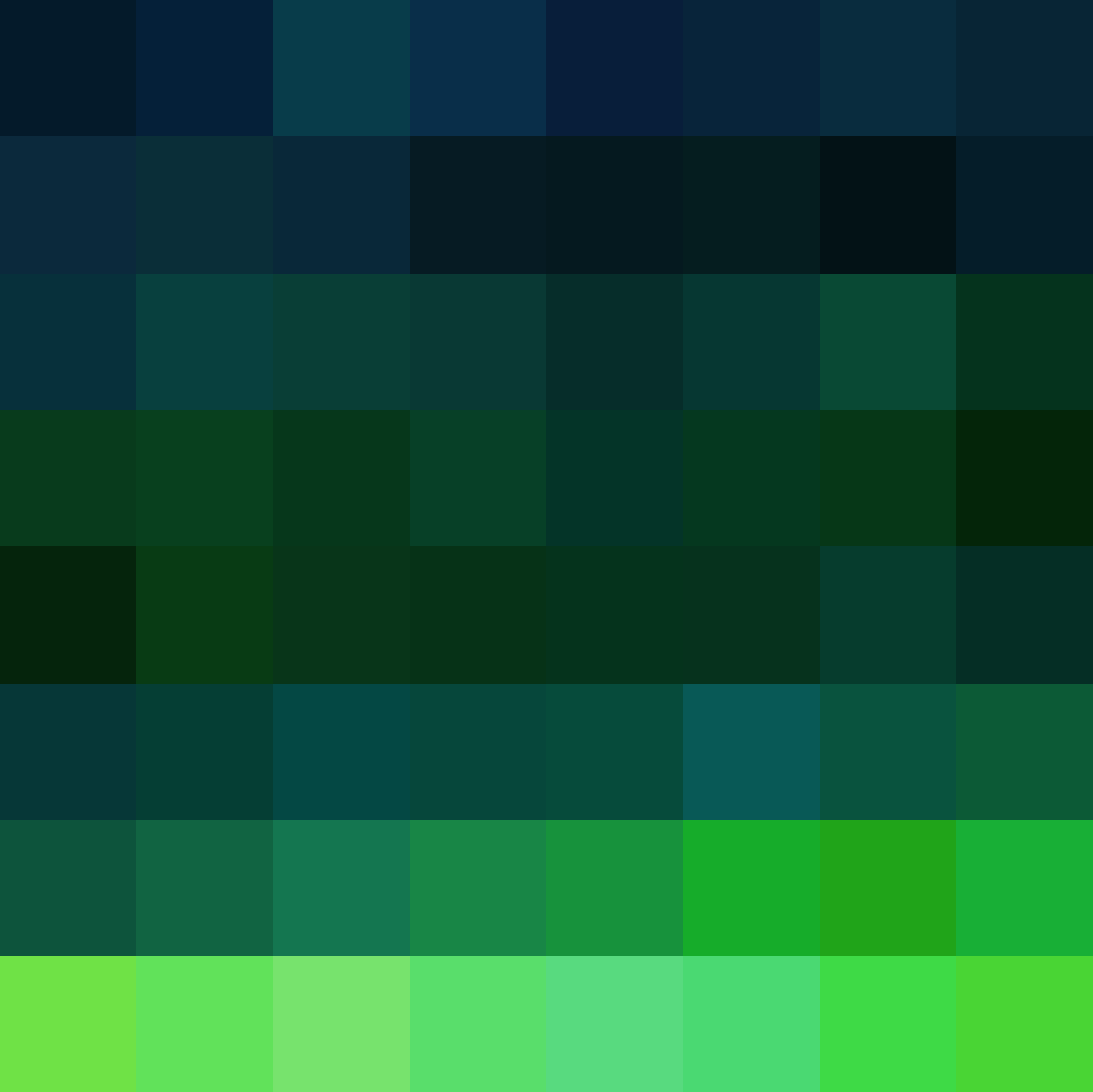
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, and it also has quite some red, some orange, some yellow, a bit of magenta, a bit of cyan, a little bit of rose, a little bit of purple, and a tiny bit of lime in it.
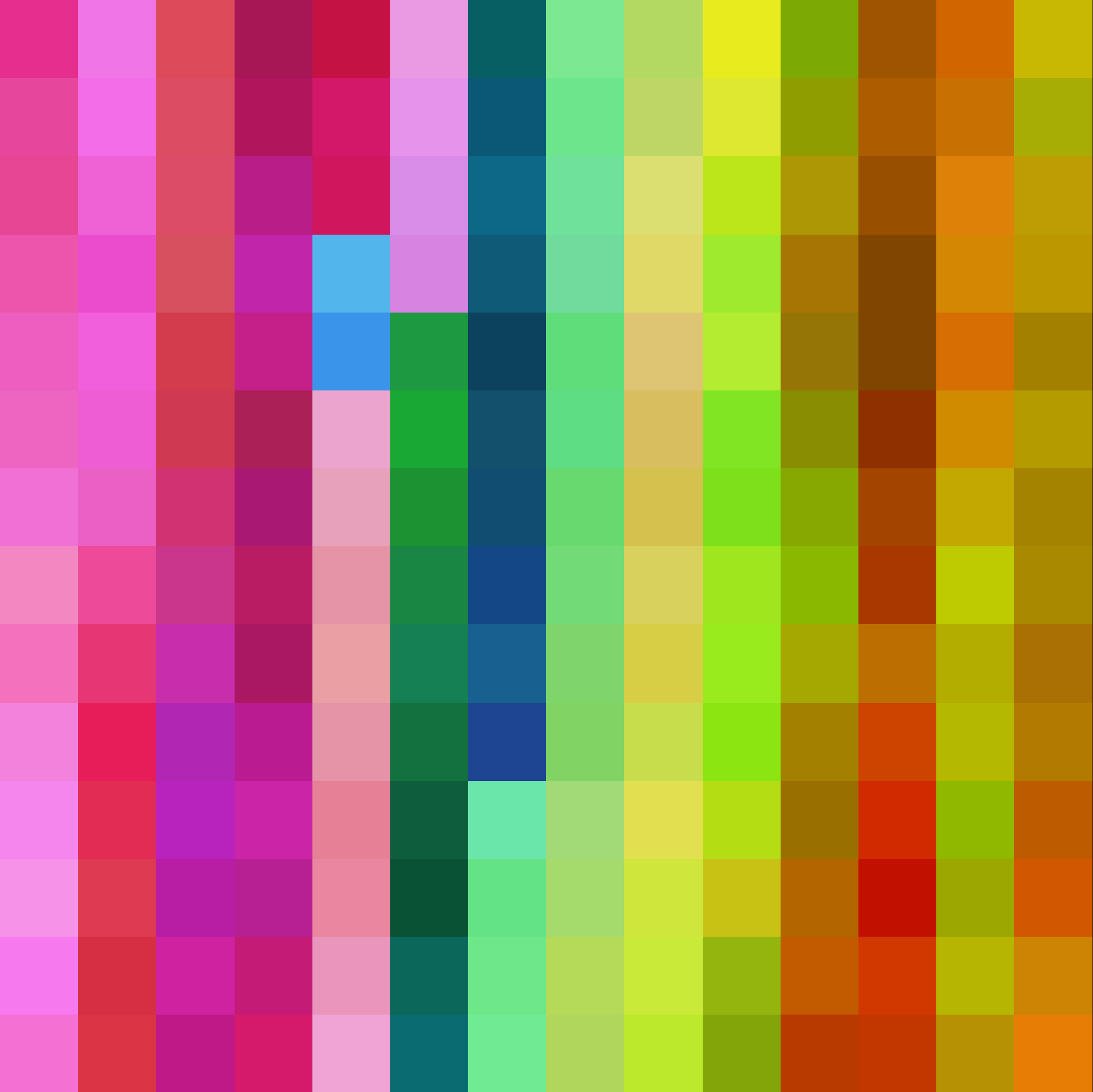
The very, very colourful gradient in this 14 by 14 pixel grid is mostly magenta, but it also has some yellow, some green, some orange, some rose, a bit of red, a bit of lime, a little bit of blue, a tiny bit of cyan, and a tiny bit of purple in it.
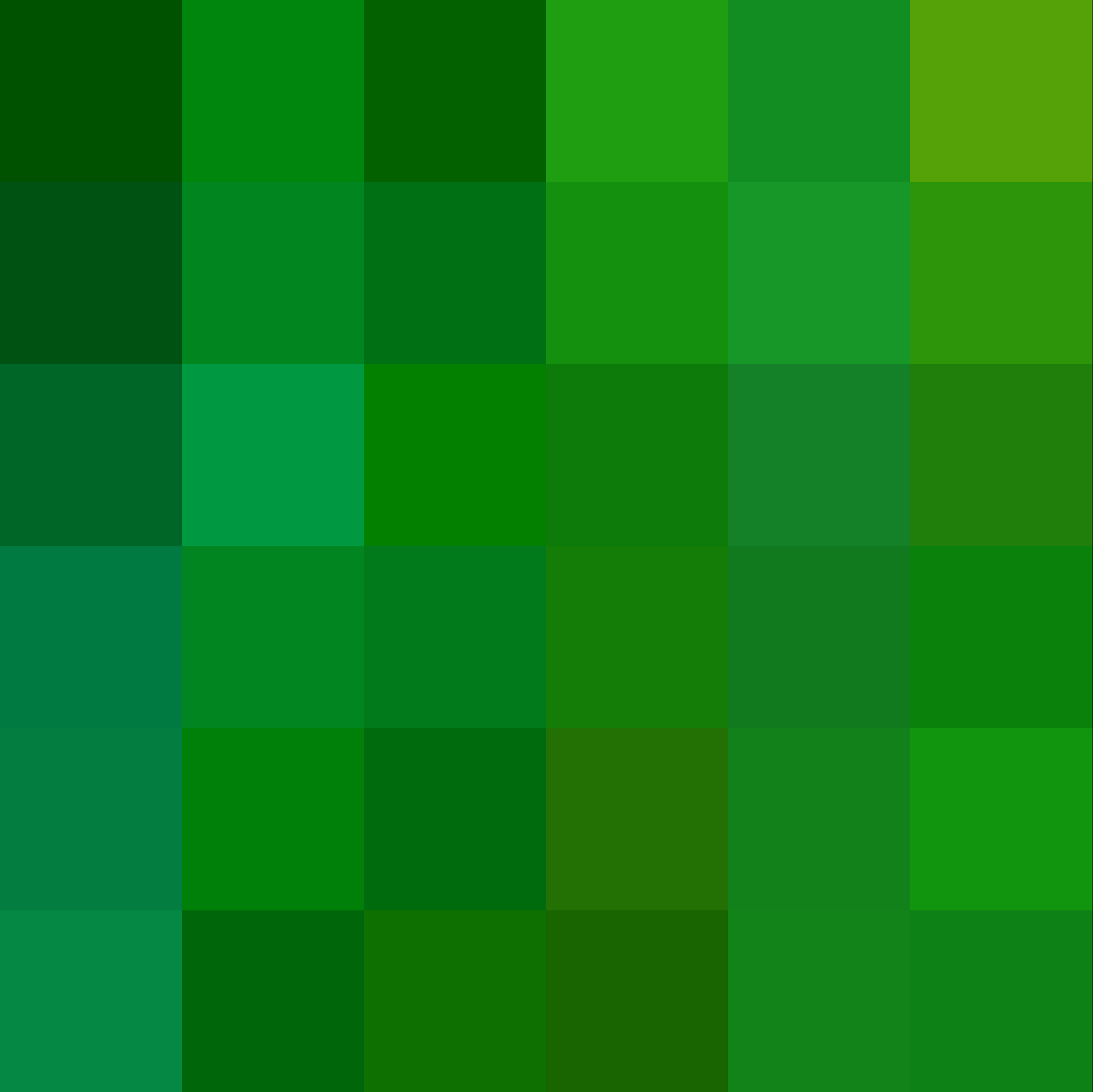
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some blue, some indigo, some cyan, a little bit of orange, a little bit of violet, a little bit of purple, a little bit of red, and a tiny bit of yellow in it.

The cells in this 8 by 8 pixel grid form a gradient.
It is mostly green, but it also has quite some
cyan, and some blue in it.

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

This monochrome pixel gradient—it is 6 cells wide, 6 cells high—is green.
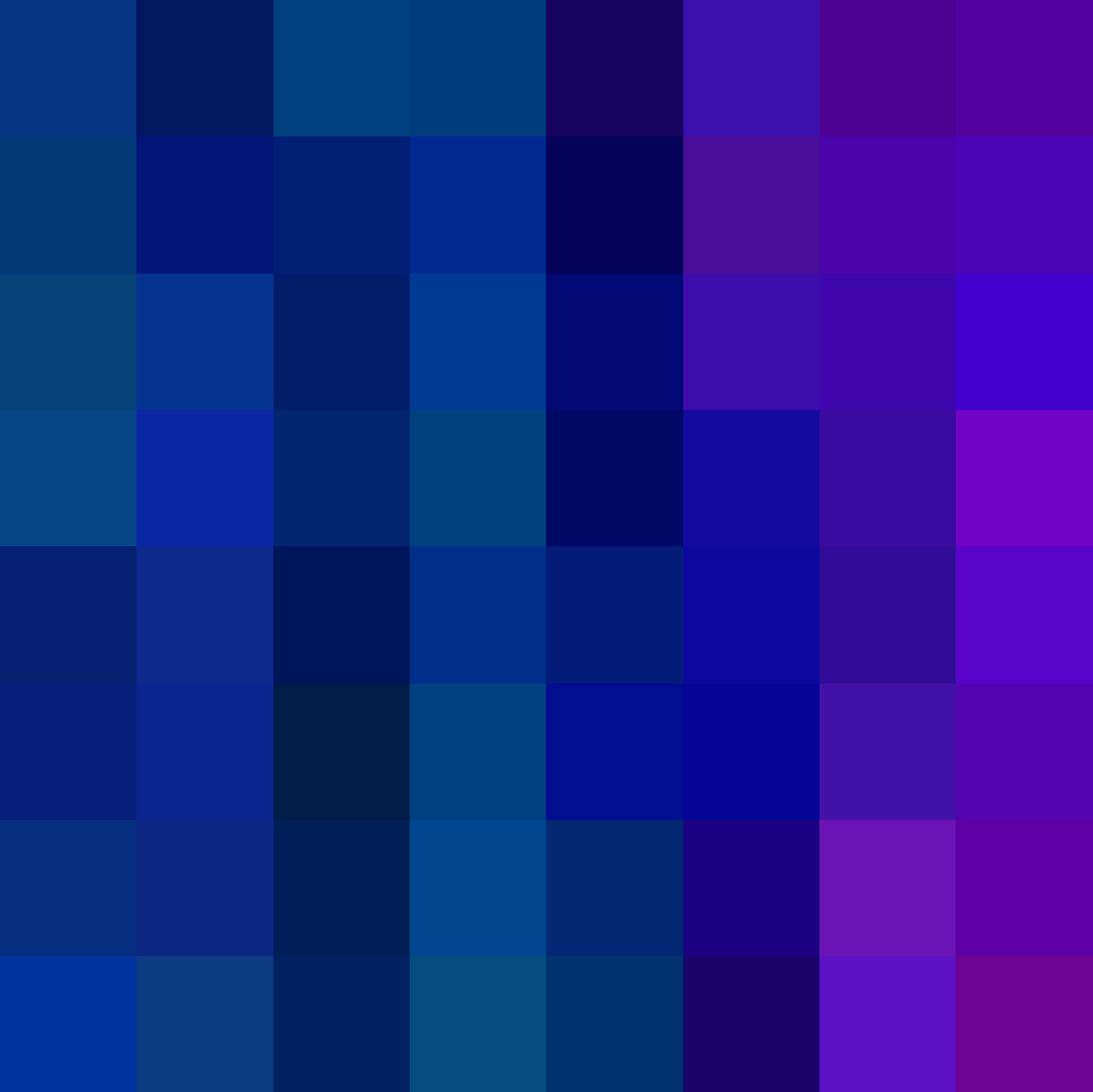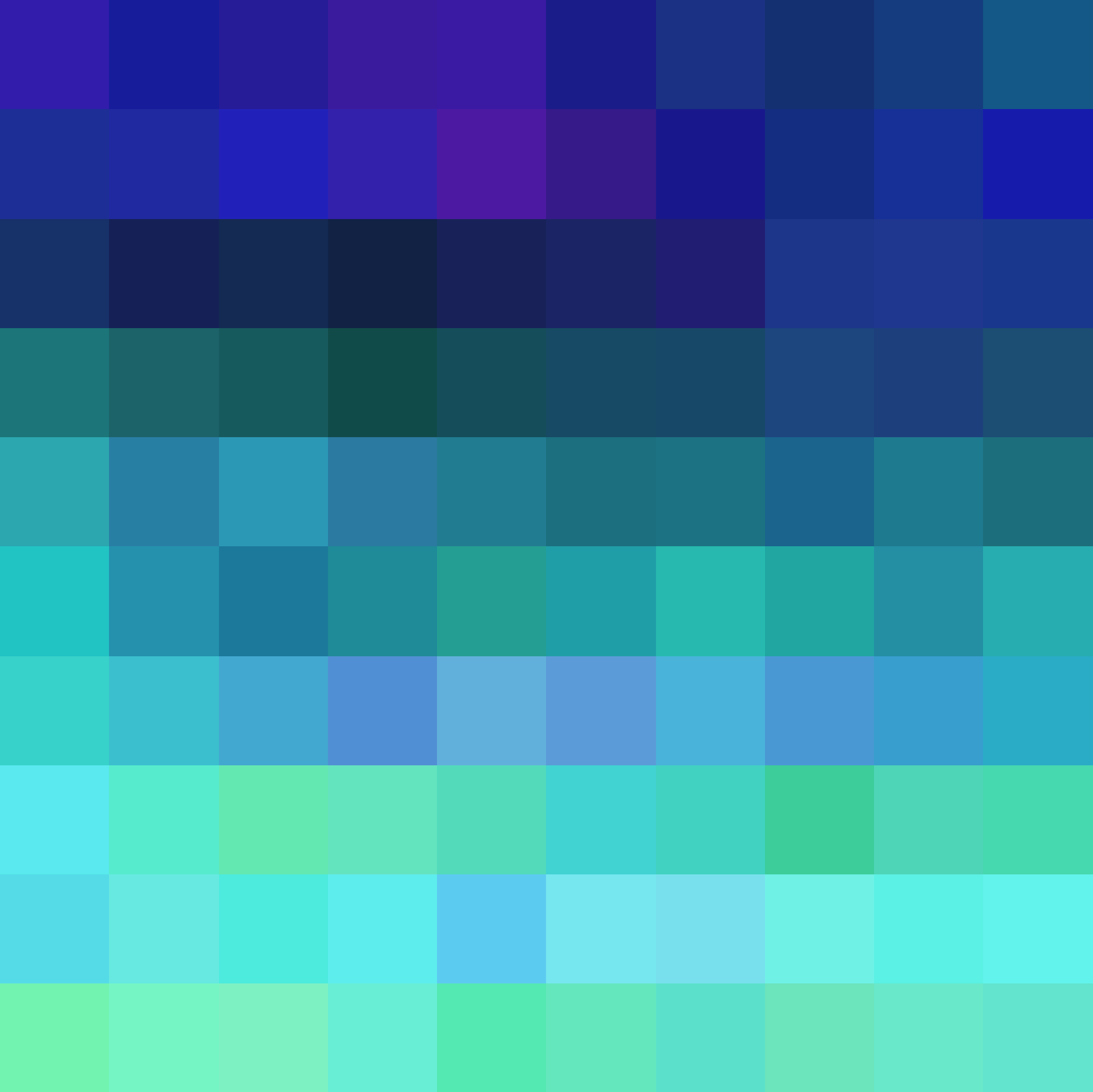
The gradient in this 8 by 8 pixel grid is mostly blue, and it also has quite some indigo, a bit of violet, and a bit of purple in it.
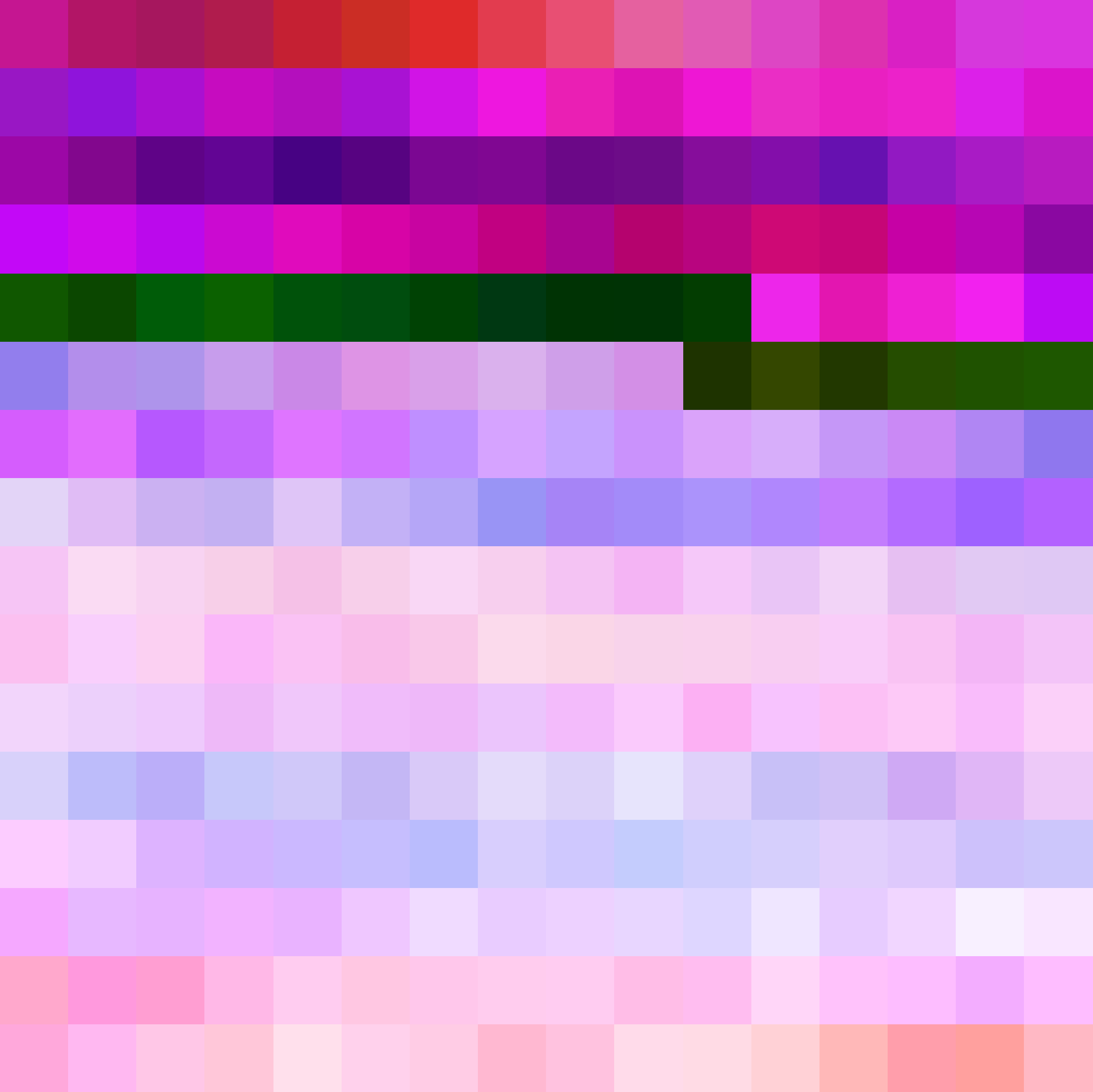
The very, very colourful gradient in this 16 by 16 pixel grid is mostly magenta, and it also has quite some purple, some indigo, a bit of rose, a bit of violet, a little bit of green, a little bit of red, a tiny bit of blue, and a tiny bit of lime in it.

A 10 by 10 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, a bit of green, a bit of indigo, and a tiny bit of violet in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly magenta, and it also has some purple, some green, some rose, a bit of red, a little bit of violet, a little bit of orange, a little bit of yellow, a tiny bit of indigo, and a tiny bit of lime in it.
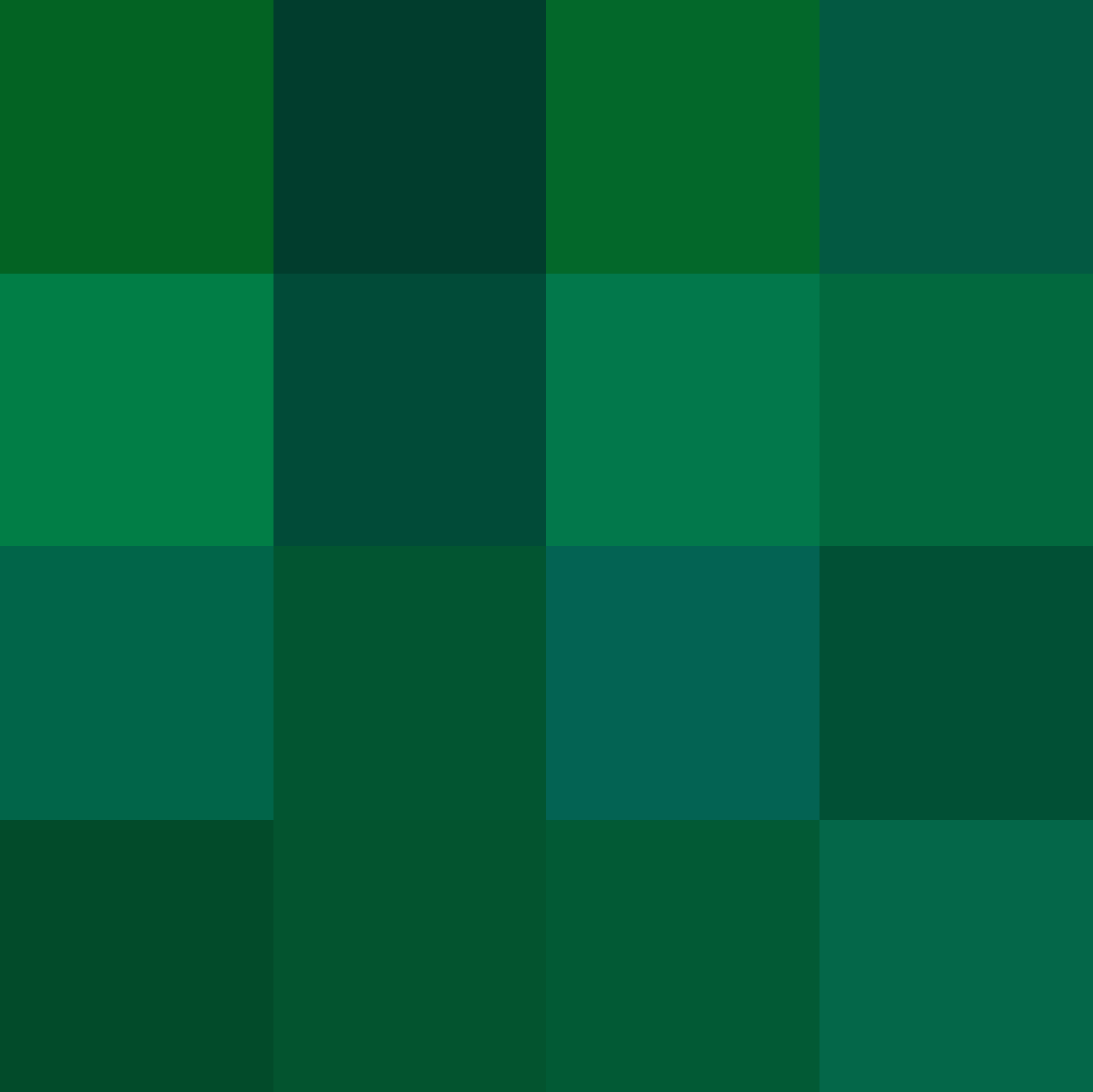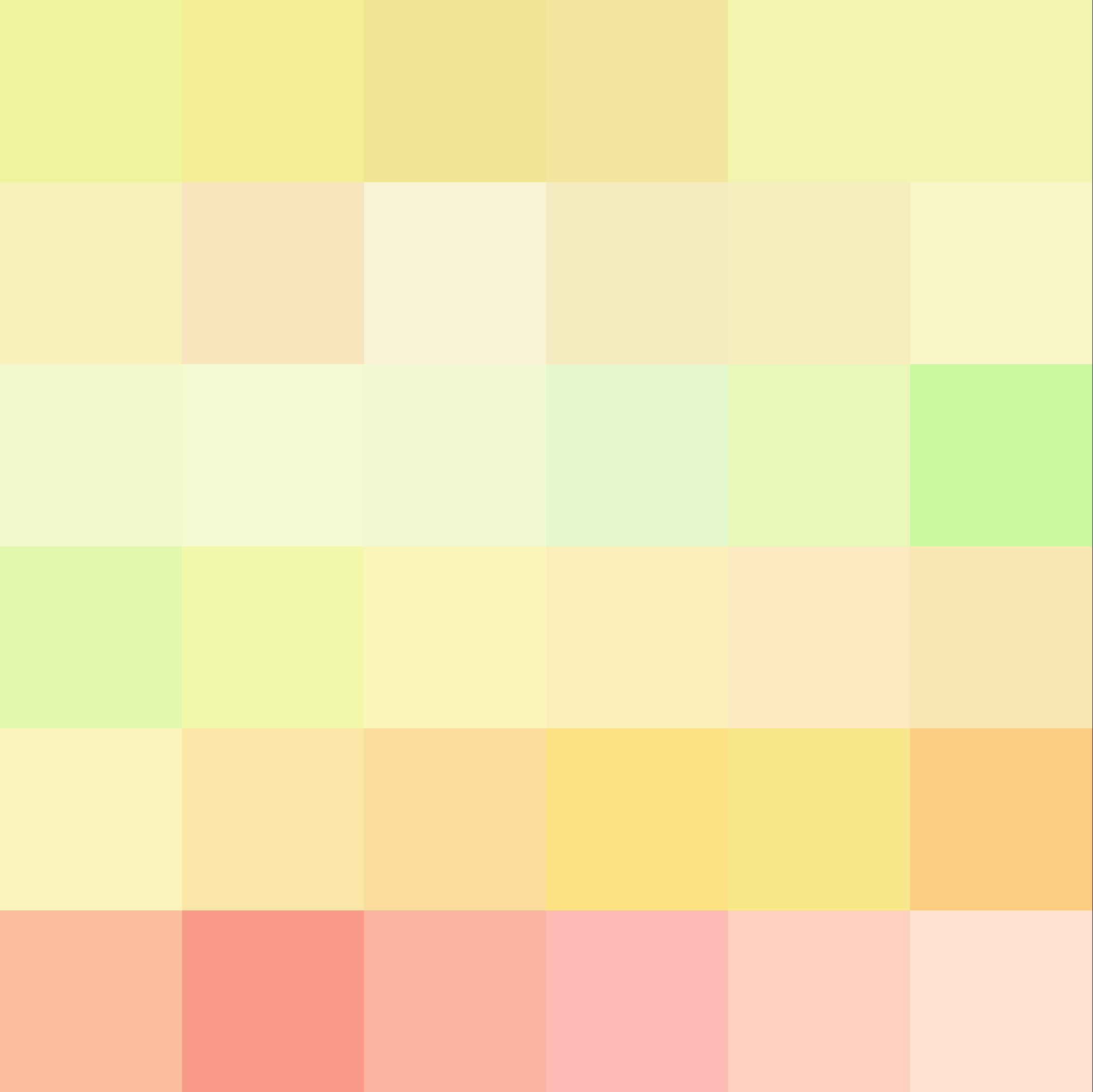
There's a two tone pixel gradient in this 4 by 4 grid. It is mostly green, and it also has quite some cyan in it.
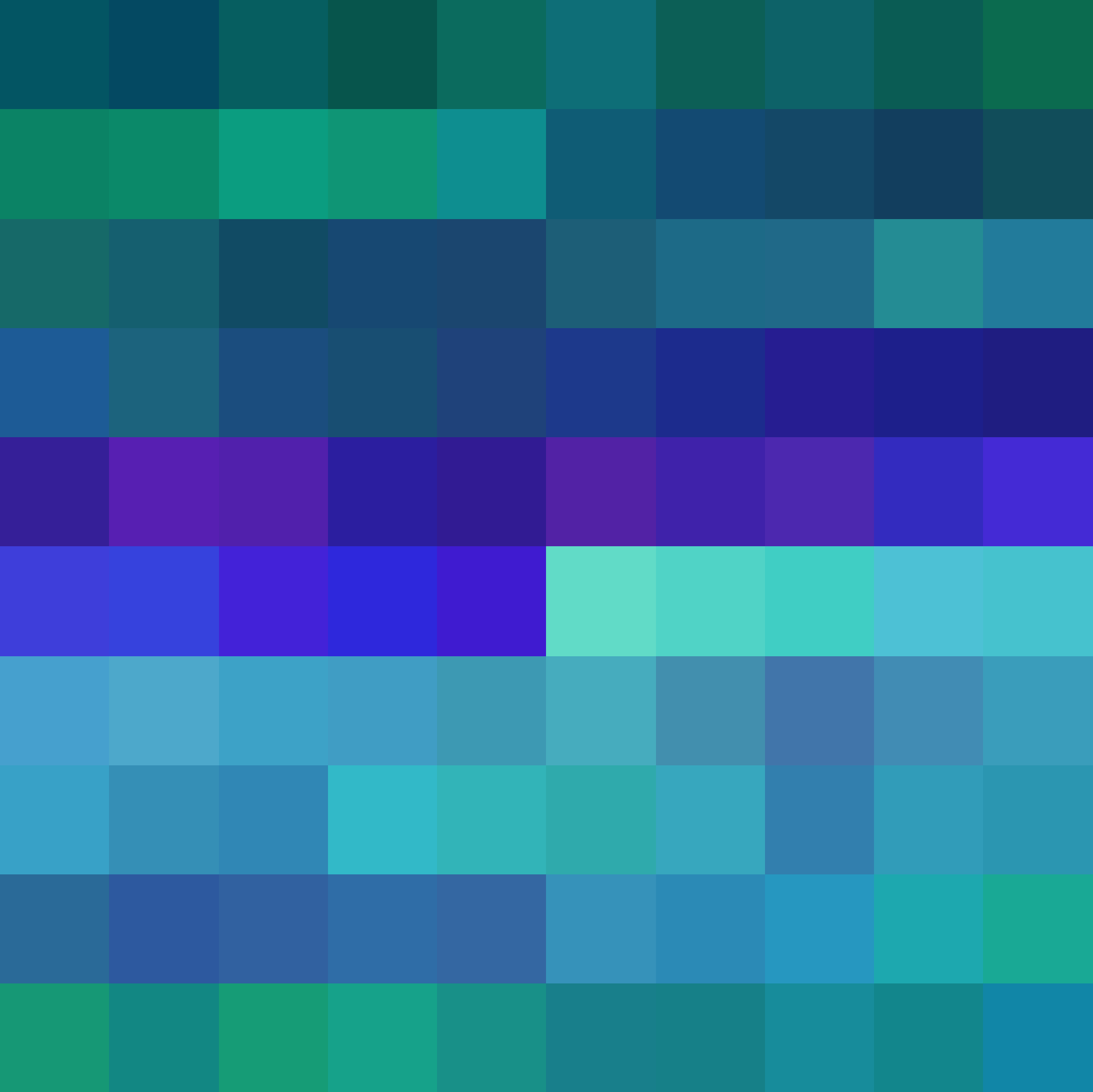
The colourful gradient in this 10 by 10 pixel grid is mostly blue, and it also has a lot of cyan, some indigo, a little bit of violet, and a tiny bit of green in it.

A two tone grid of 81 blocks. It's mostly red, and it also has a bit of orange in it.

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

The colourful gradient in this 5 by 5 pixel grid is mostly orange, and it also has quite some green, some yellow, a bit of red, and a bit of lime in it.
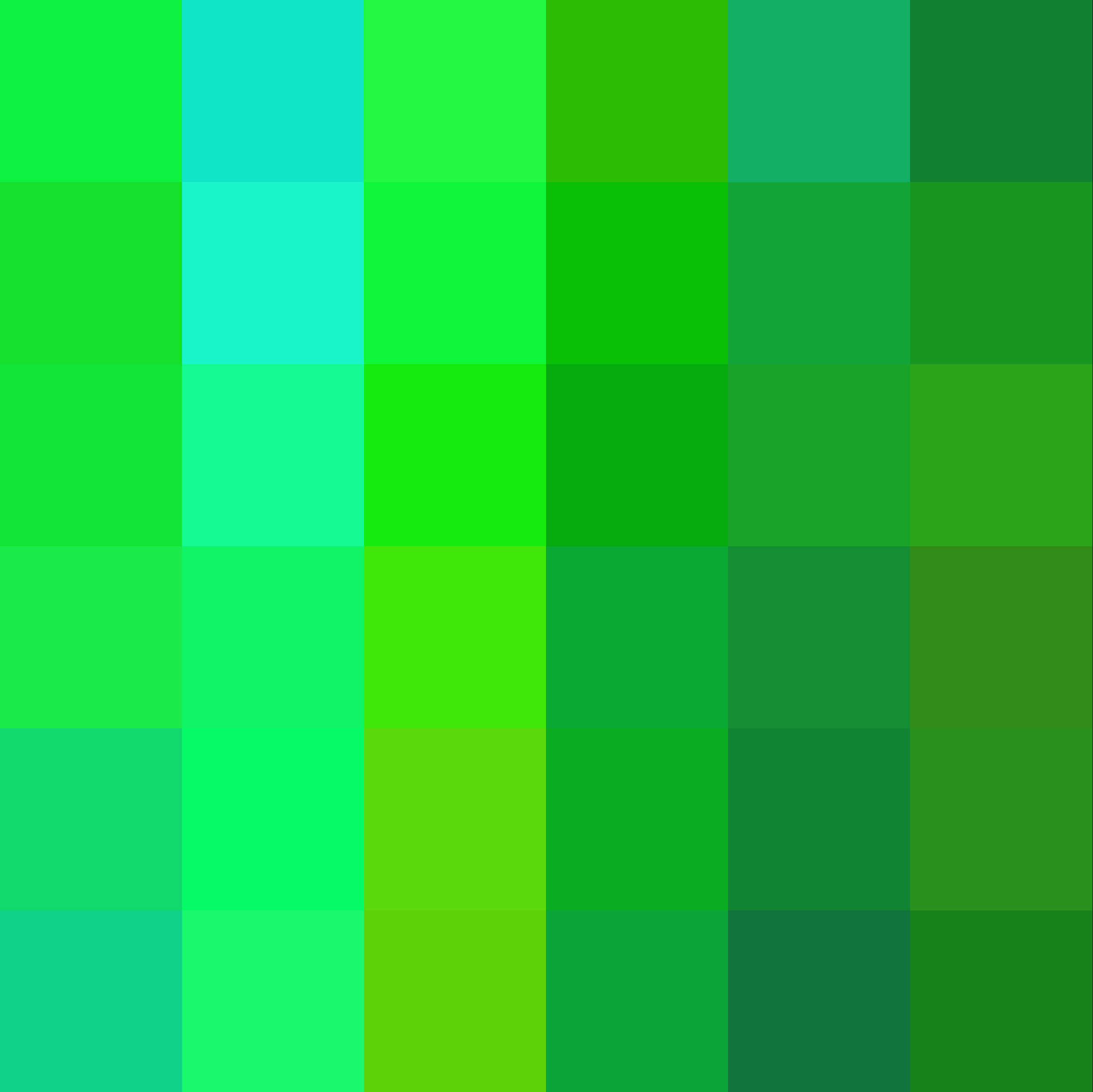
Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly magenta, and it also has quite some red, some yellow, some rose, a tiny bit of orange, a tiny bit of lime, and a tiny bit of purple in it.

This colourful gradient, generated in this 11 by 11 pixel grid, is mostly red, but it also has quite some green, some orange, some yellow, and a little bit of lime in it.
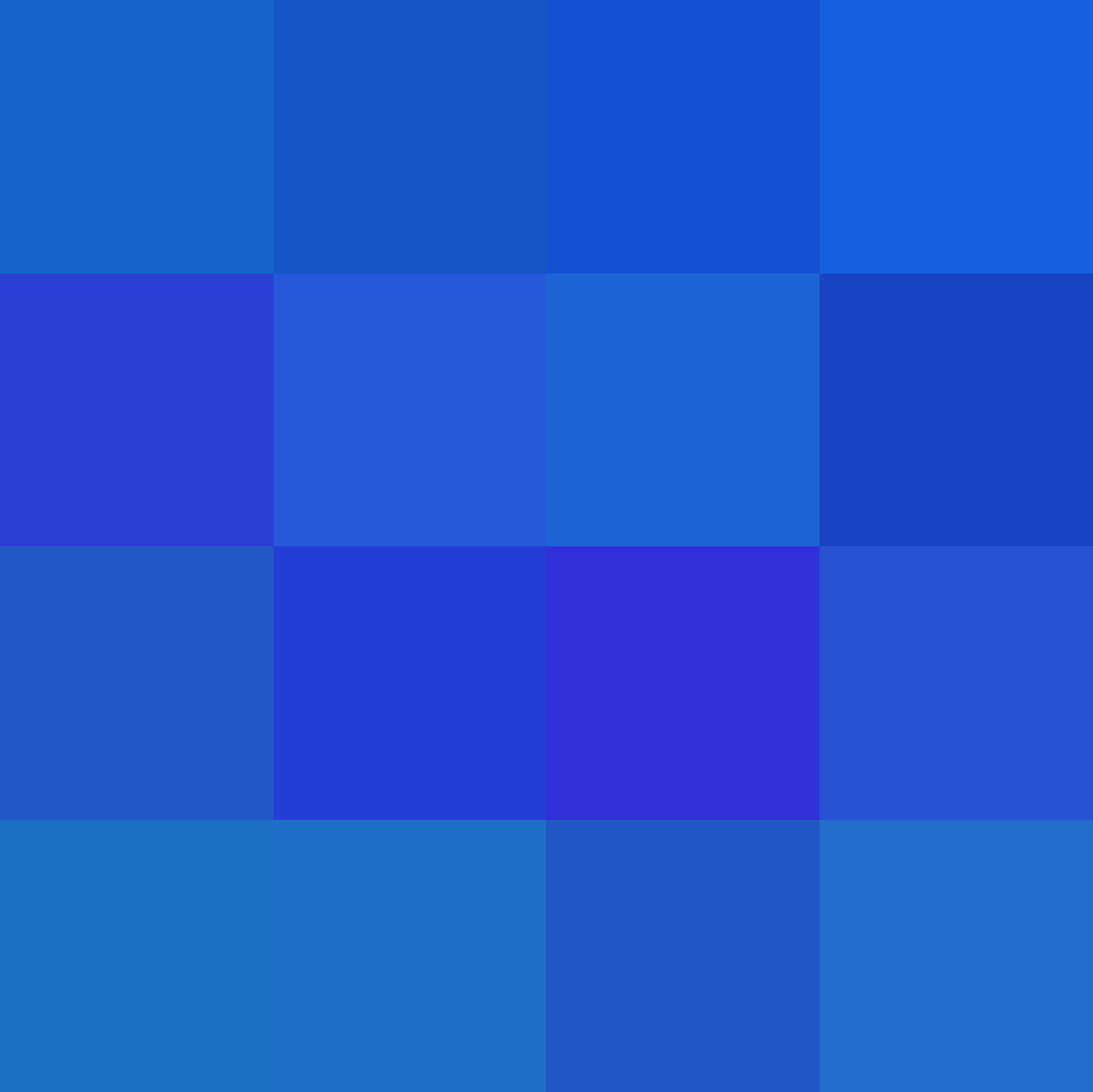
A grid with 36 coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has a little bit of cyan in it.

Here's a 14 by 14 pixelated grid that forms a very, very colourful gradient. It is mostly purple, but it also has quite some blue, some indigo, a bit of violet, a bit of magenta, a little bit of red, a little bit of cyan, and a little bit of rose in it.
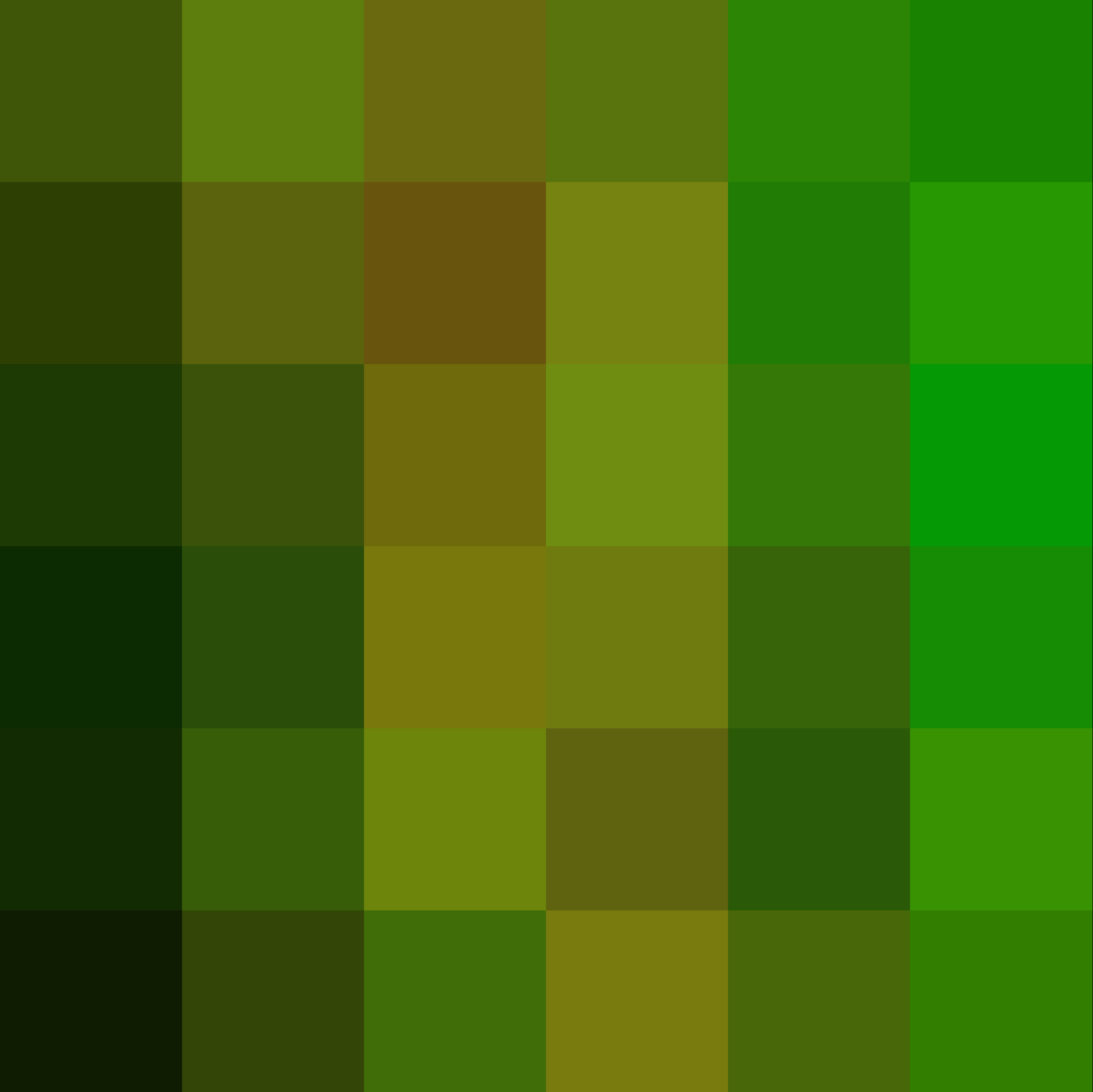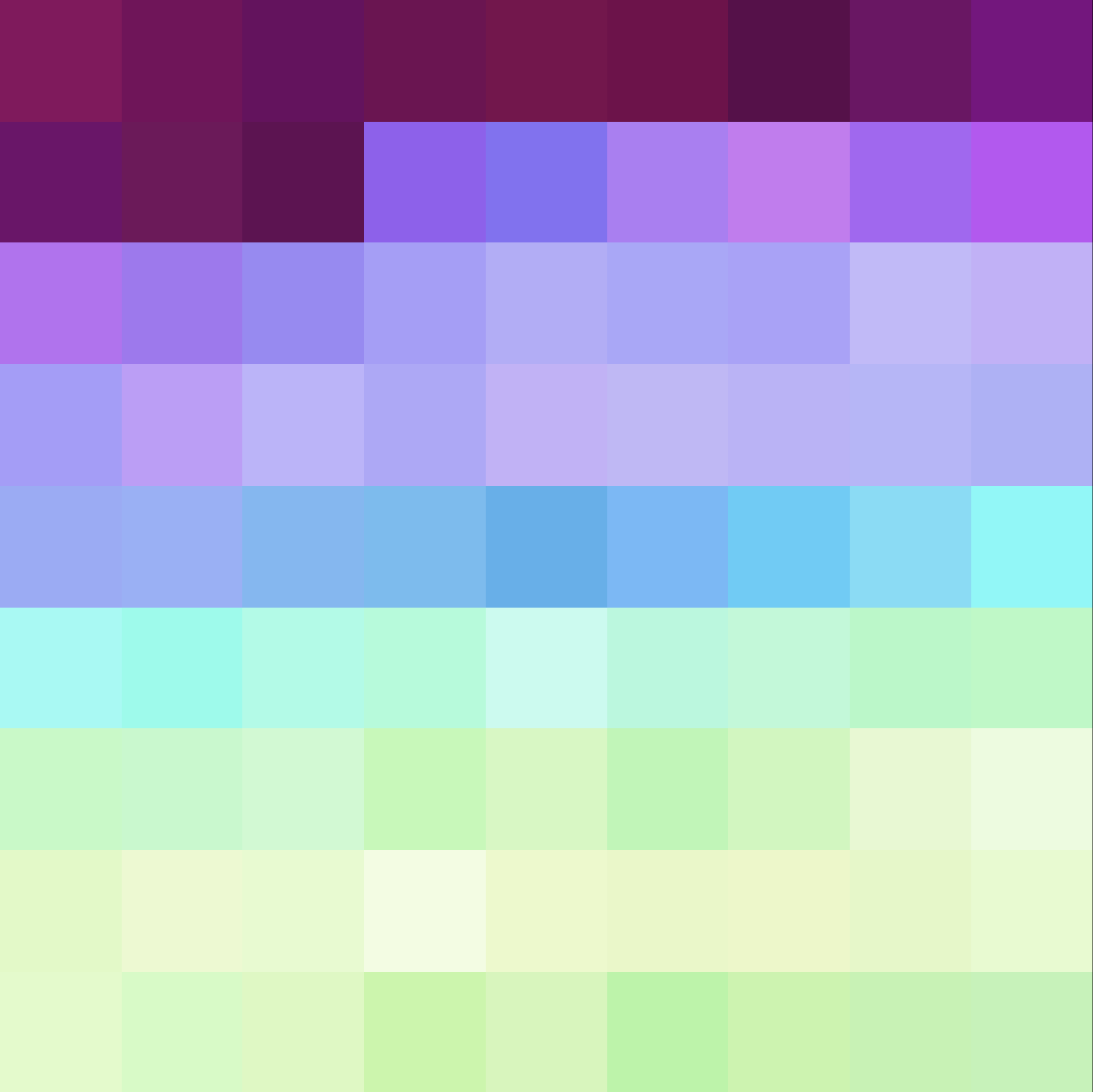
A grid of 36 blocks. It's mostly green, but it also has quite some yellow, and quite some lime in it.
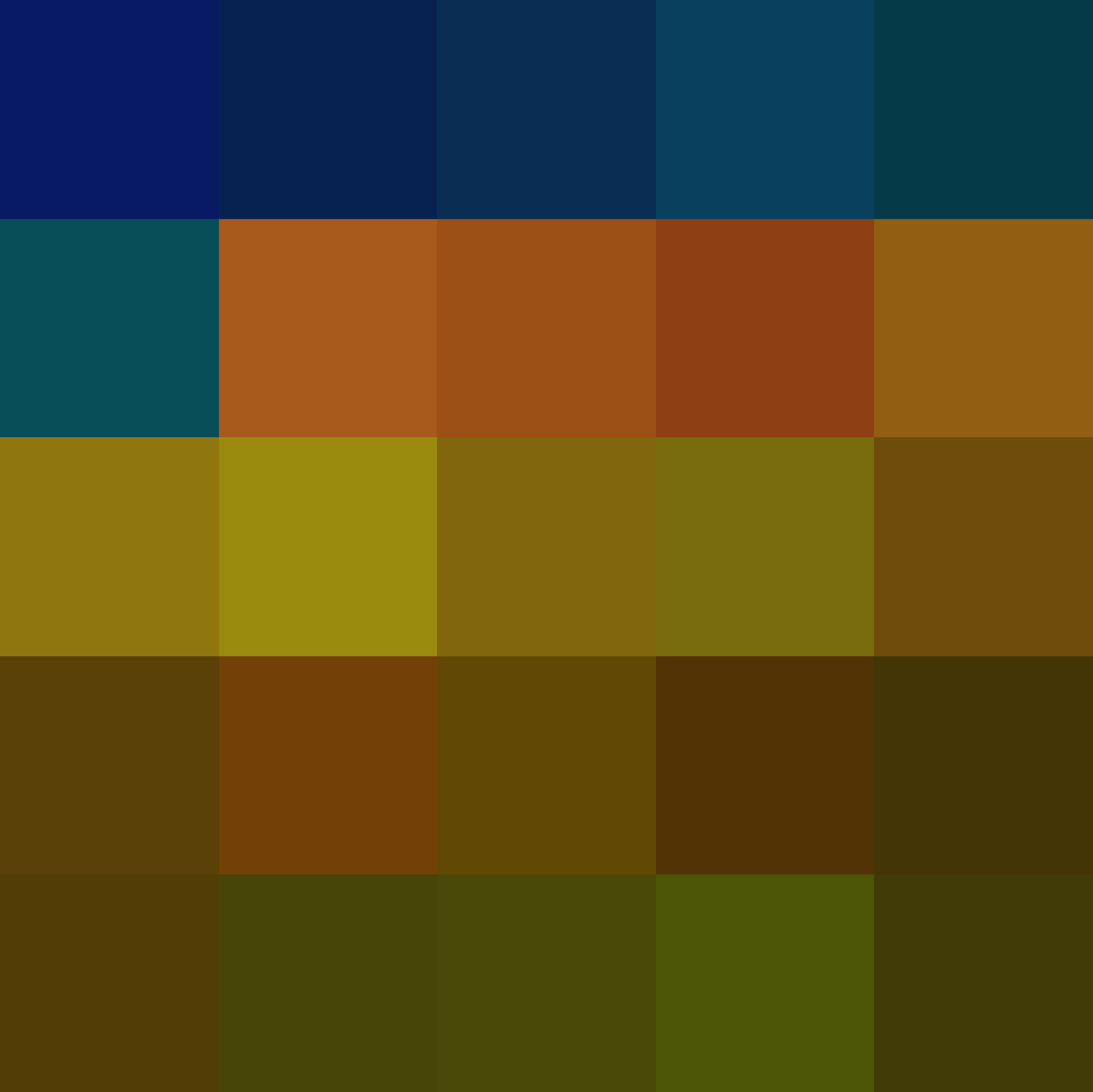
Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is blue.

An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some orange, and some yellow in it.

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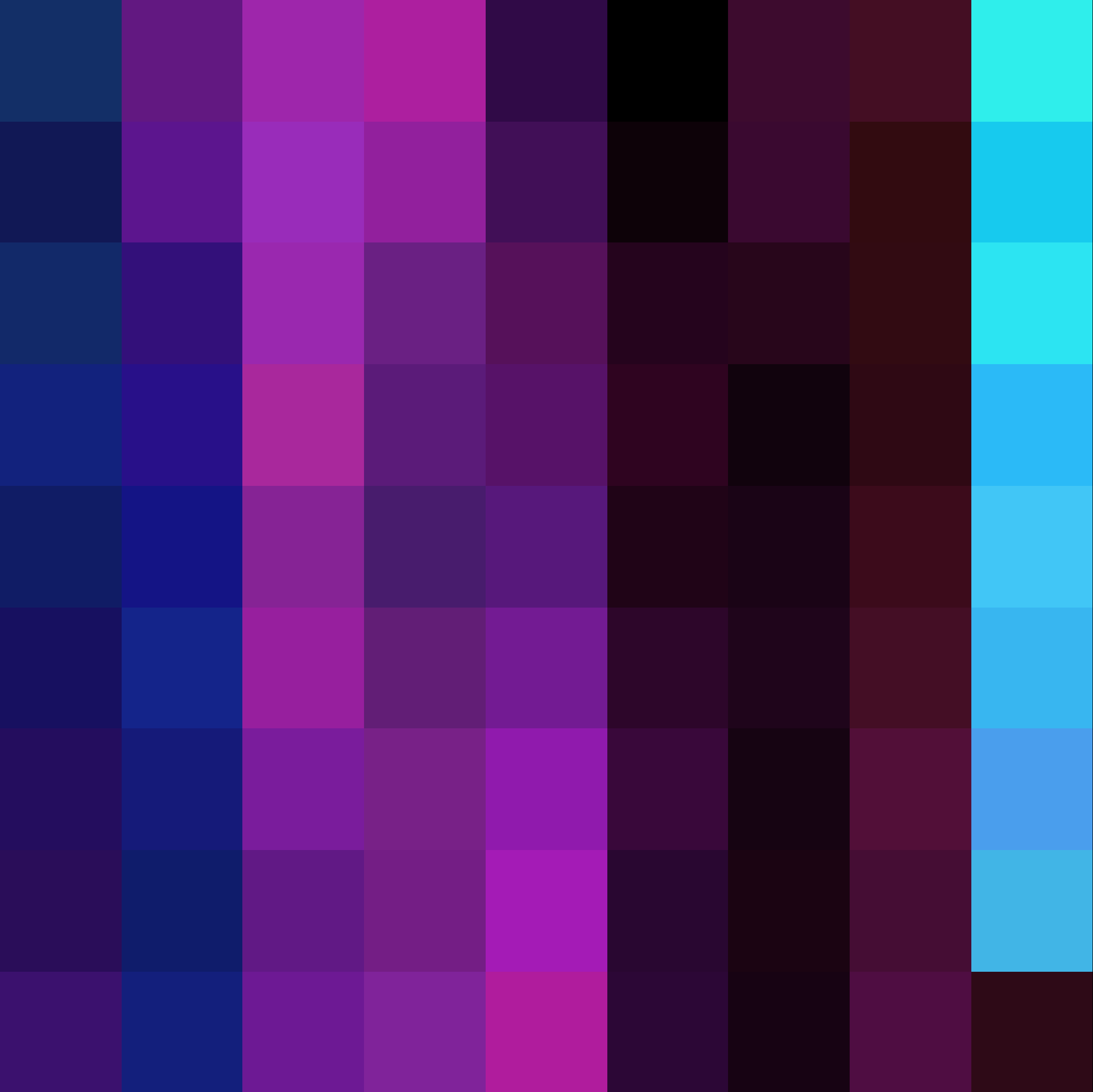
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly orange, and it also has quite some yellow, some blue, and a bit of cyan in it.
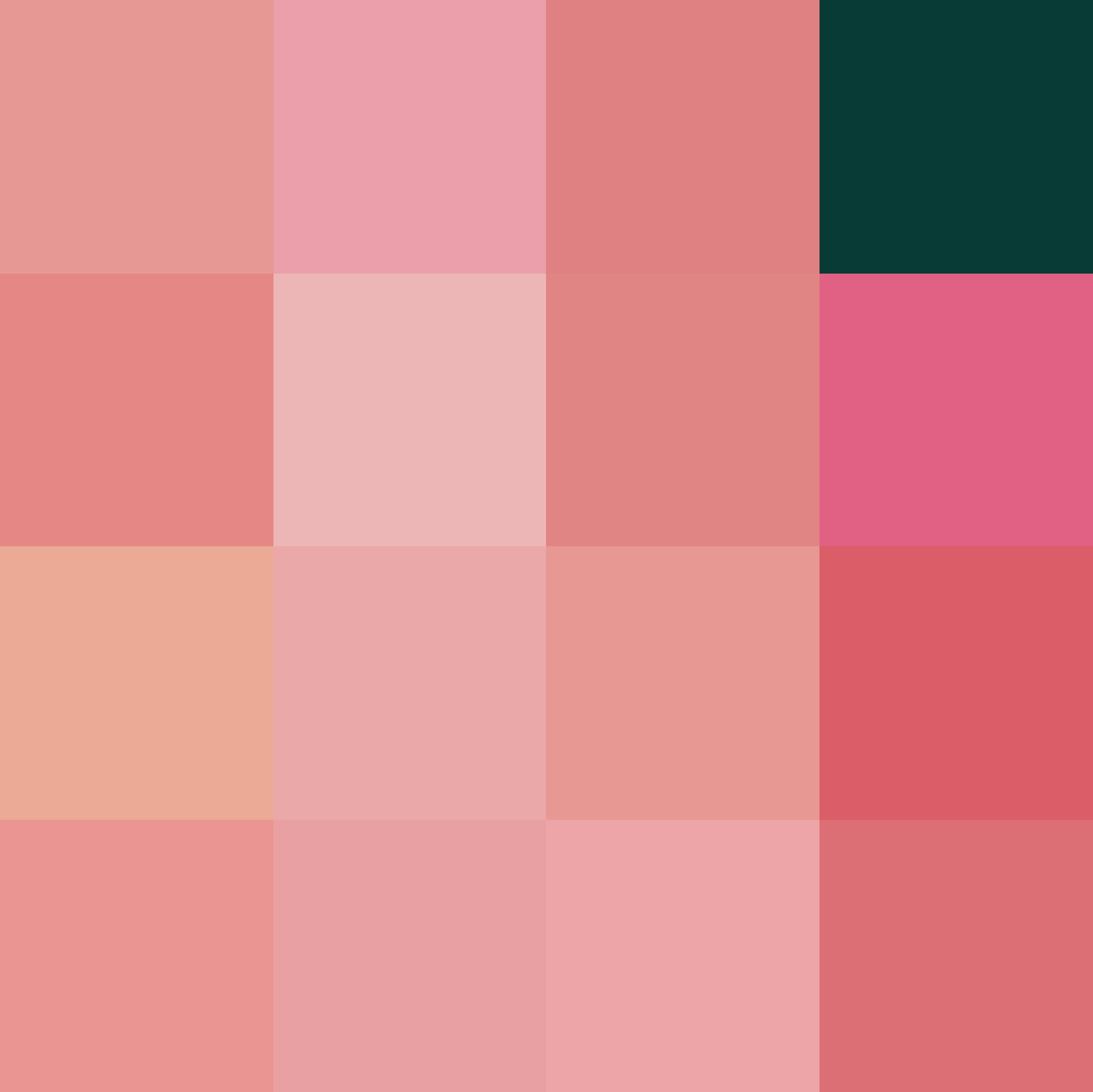
This gradient, generated in this 9 by 9 pixel grid, is mostly red, and it also has quite some orange, and a tiny bit of yellow in it.

The cells in this 9 by 9 pixel grid form a very, very colourful gradient. It is mostly magenta, and it also has quite some purple, some blue, a bit of rose, a little bit of indigo, a little bit of cyan, a tiny bit of violet, and a tiny bit of red in it.
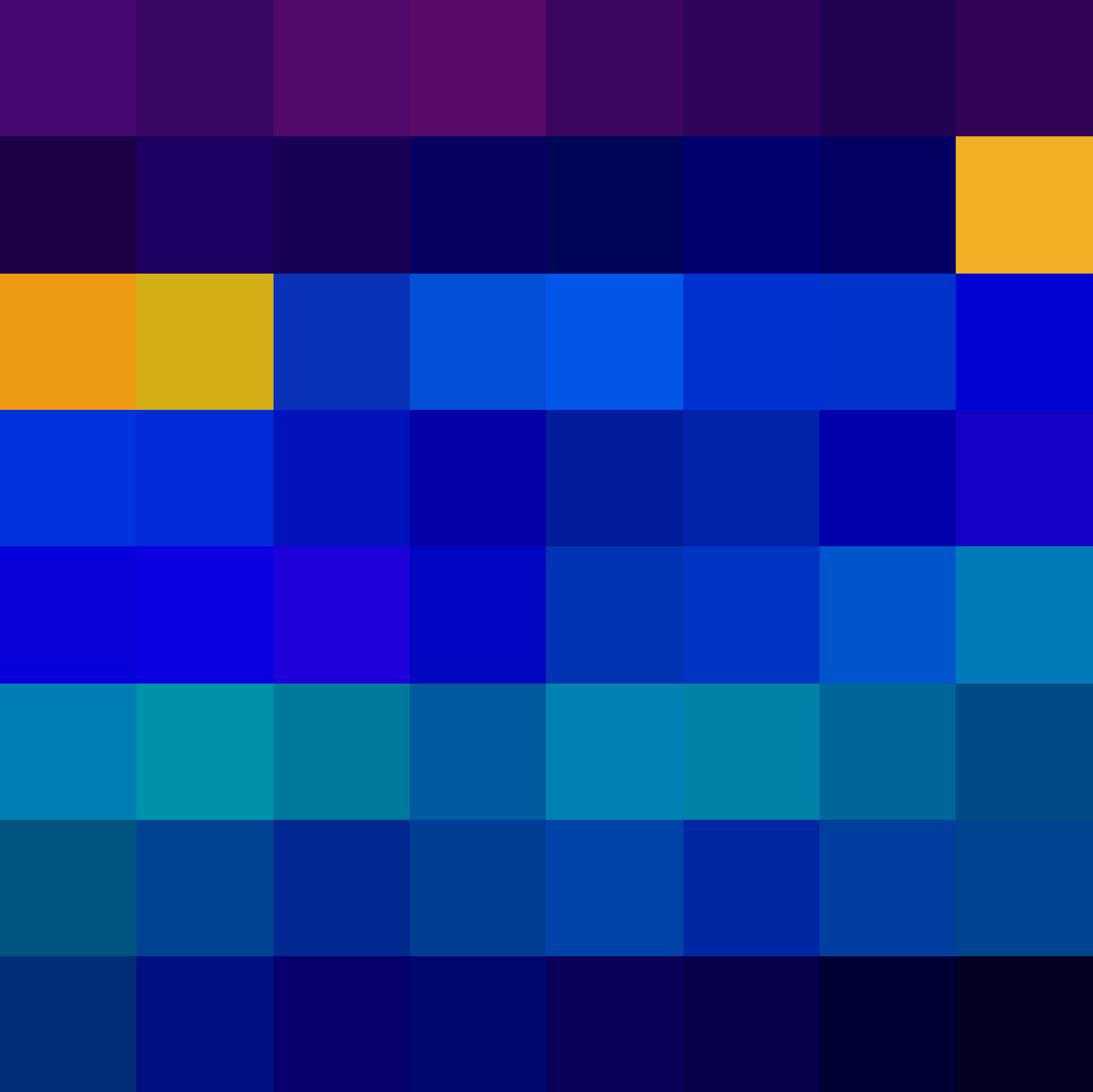
Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly red, and it also has a little bit of cyan in it.
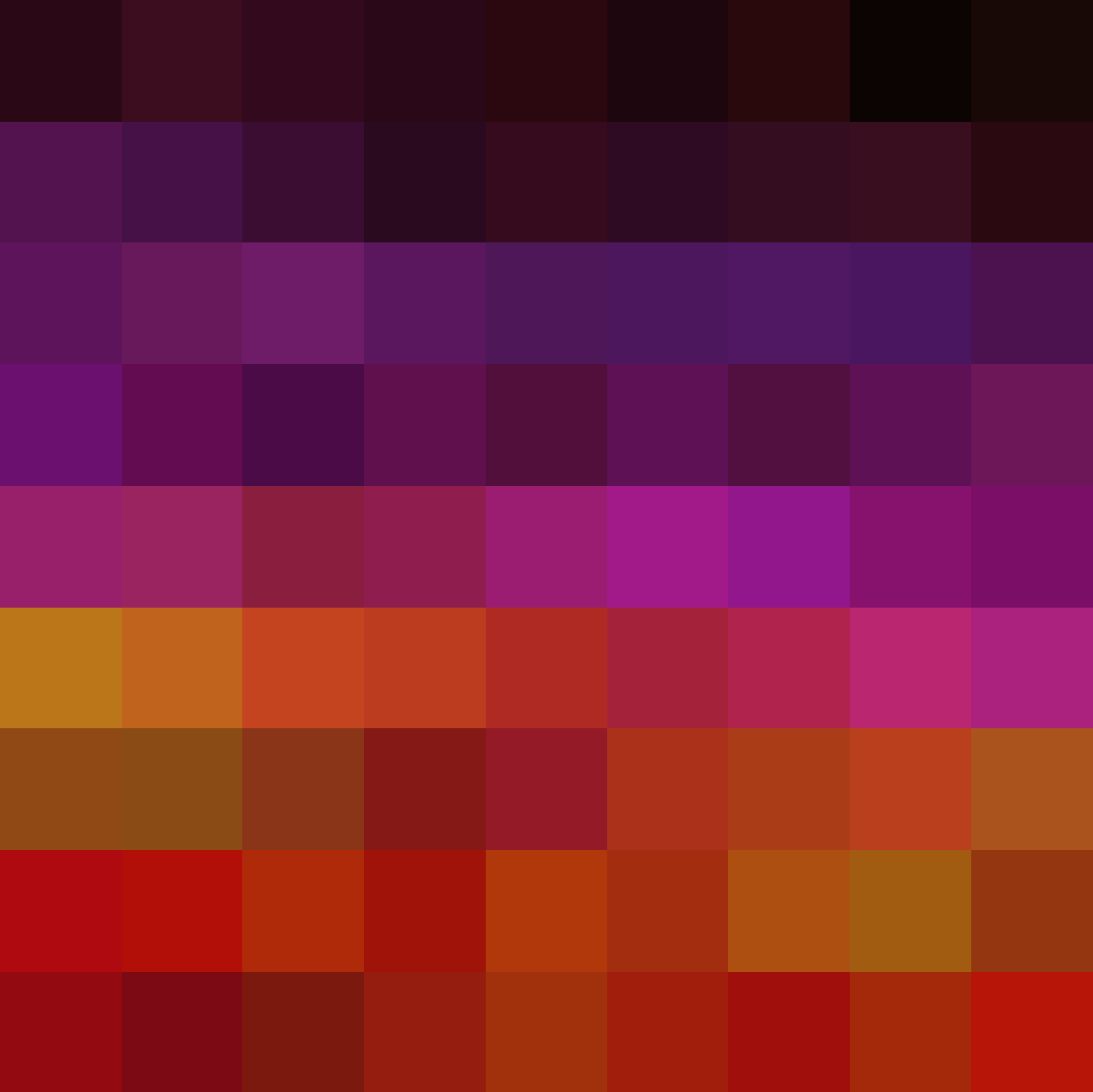
A grid of 16 blocks. It's mostly orange, but it also has quite some yellow, and some red in it.

There's a pixel gradient in this 10 by 10 grid. It is mostly green, and it also has quite some yellow, a bit of lime, and a bit of orange in it.

This very colourful gradient, generated in this 8 by 8 pixel grid, is mostly blue, and it also has quite some indigo, a bit of purple, a little bit of violet, a little bit of orange, a tiny bit of yellow, and a tiny bit of cyan in it.

A grid with 81 coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has some orange in it.
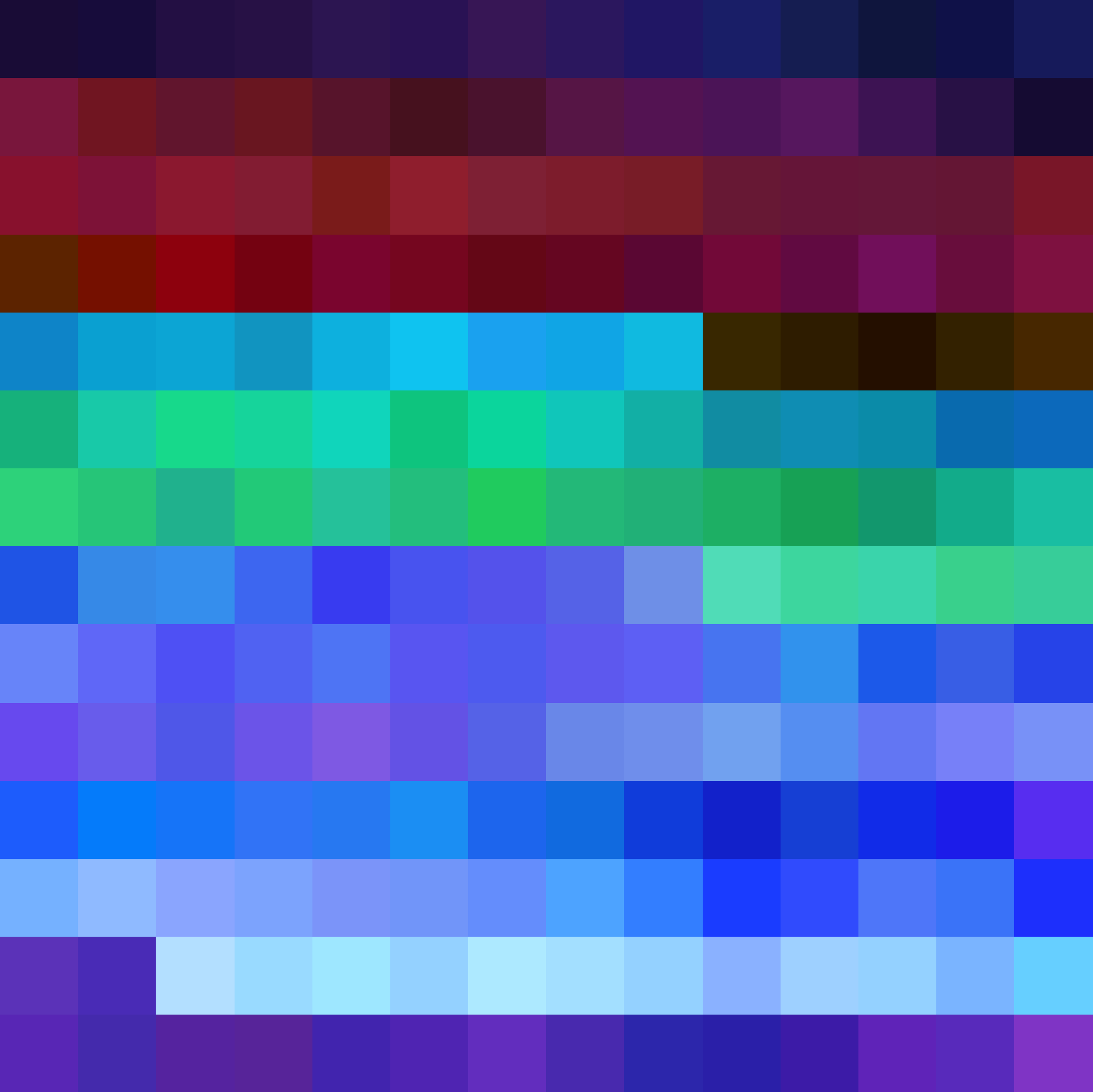
A very, very colourful grid of 196 blocks. It's mostly blue, but it also has some indigo, a bit of green, a bit of red, a bit of rose, a bit of cyan, a little bit of violet, a little bit of orange, a little bit of magenta, and a tiny bit of purple in it.

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

A grid with 225 coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has some orange, some yellow, a bit of green, and a bit of lime in it.
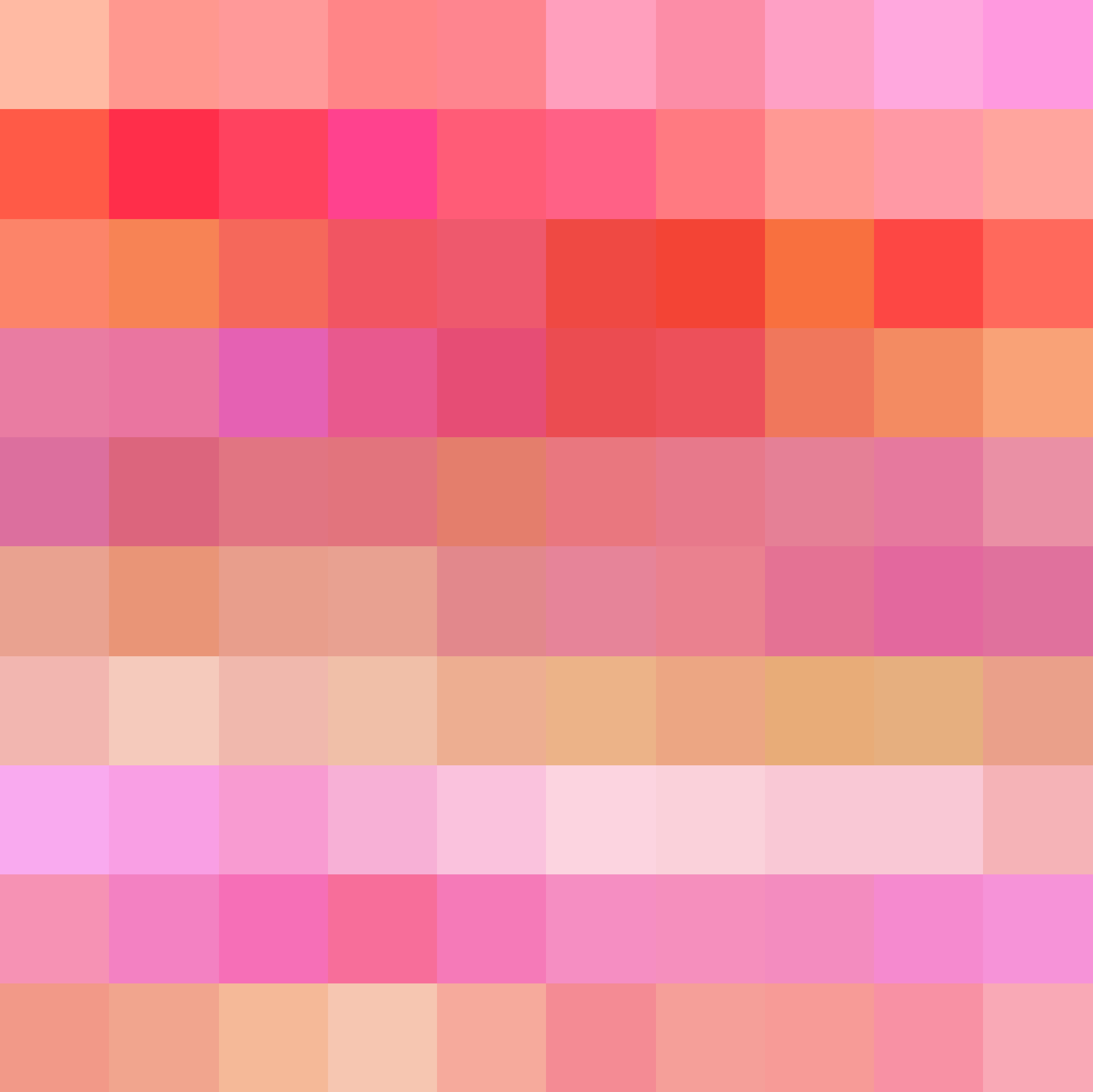
This pixel gradient—it is 10 cells wide, 10 cells high—is mostly red, and it also has quite some rose, some orange, and a bit of magenta in it.
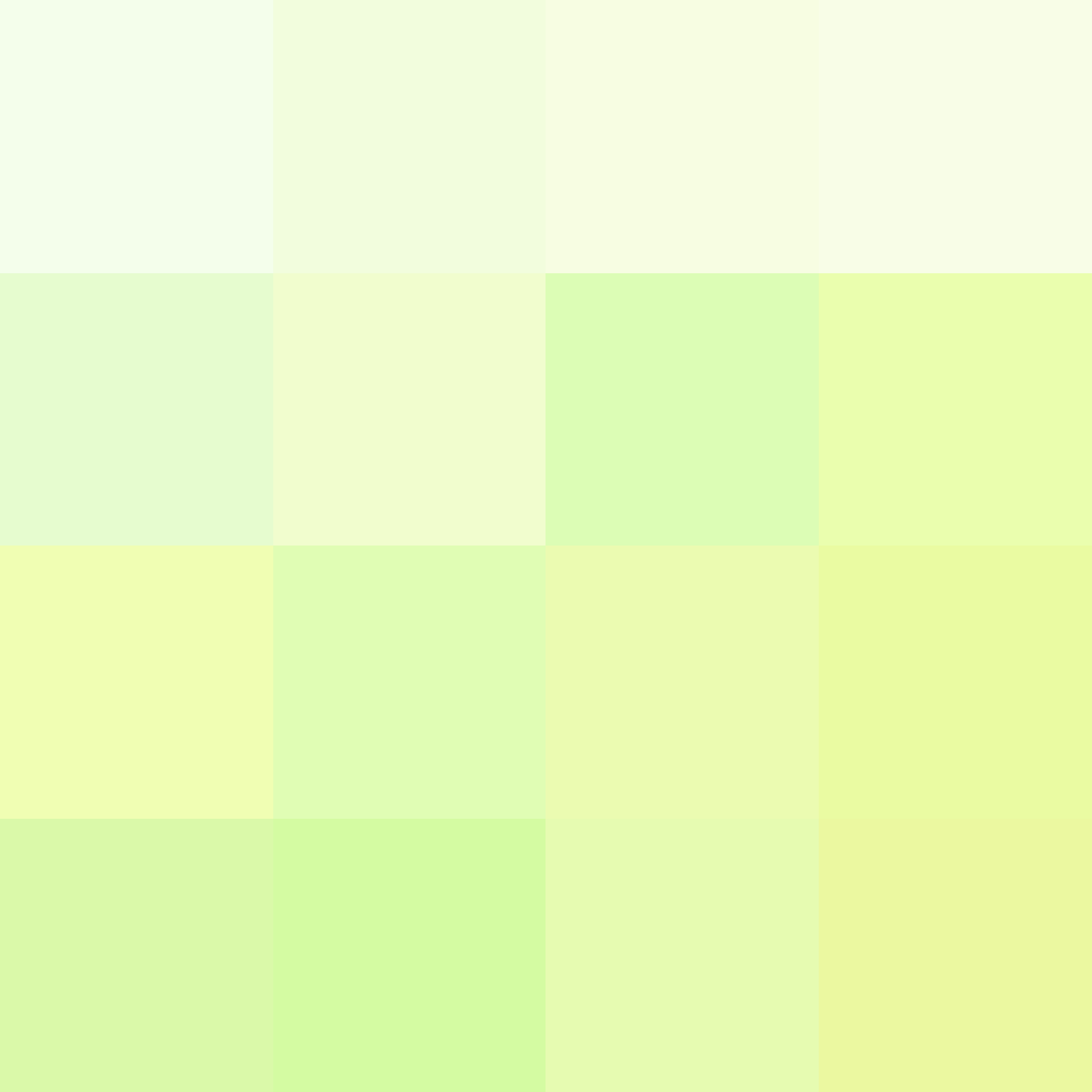
A grid of 16 blocks. It's mostly lime, and it also has a lot of green, and a little bit of yellow in it.

The gradient in this 6 by 6 pixel grid is mostly orange, but it also has quite some yellow, and quite some red 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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