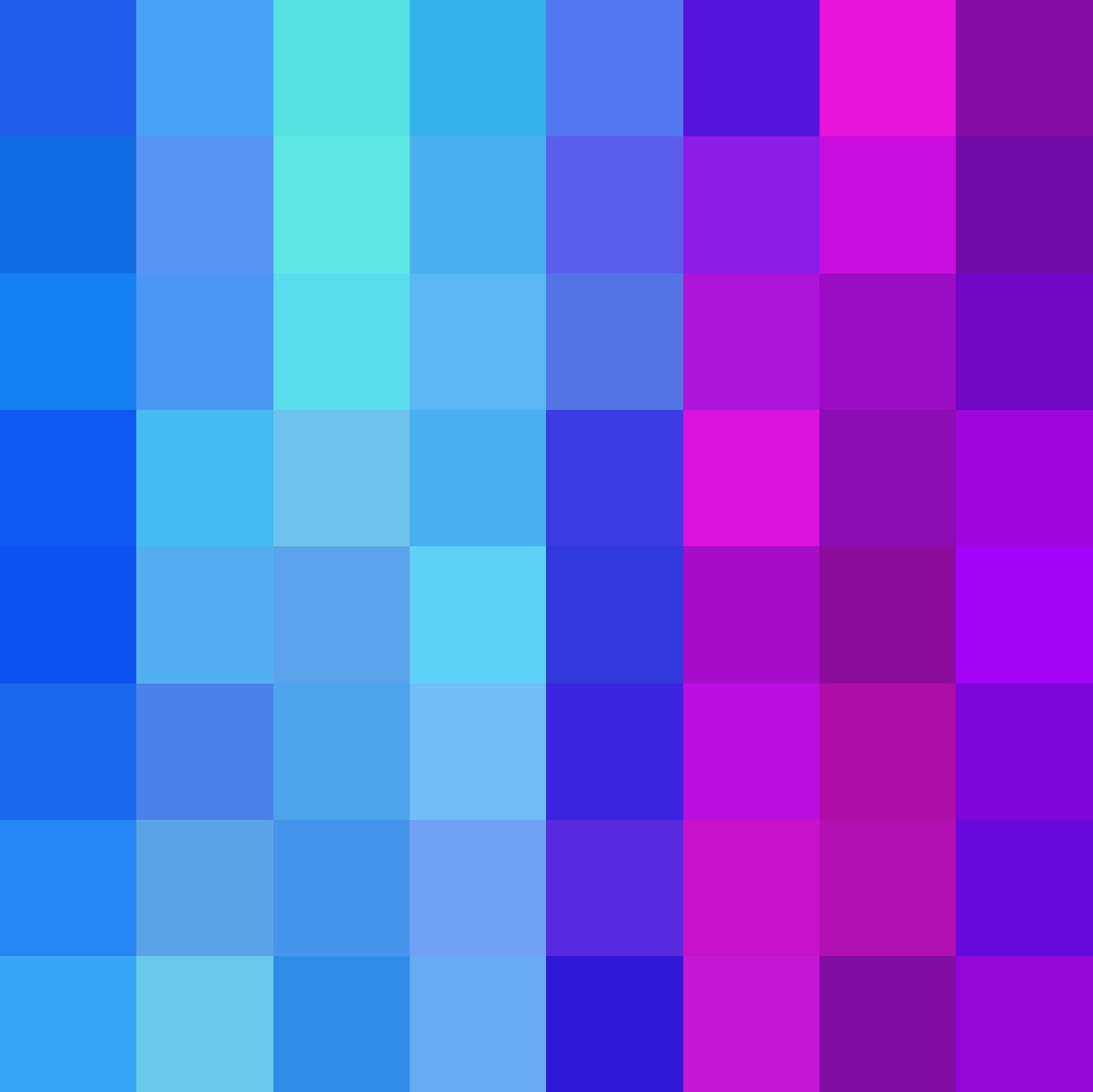# 100 random pixel gradients

Vasilis van Gemert - 30-11-2024

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

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly blue, and it also has quite some purple, some magenta, a little bit of indigo, a little bit of cyan, and a tiny bit of violet in it.

There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly green, but it also has quite some red, some cyan, a bit of blue, a little bit of magenta, a little bit of purple, a tiny bit of orange, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of rose in it.
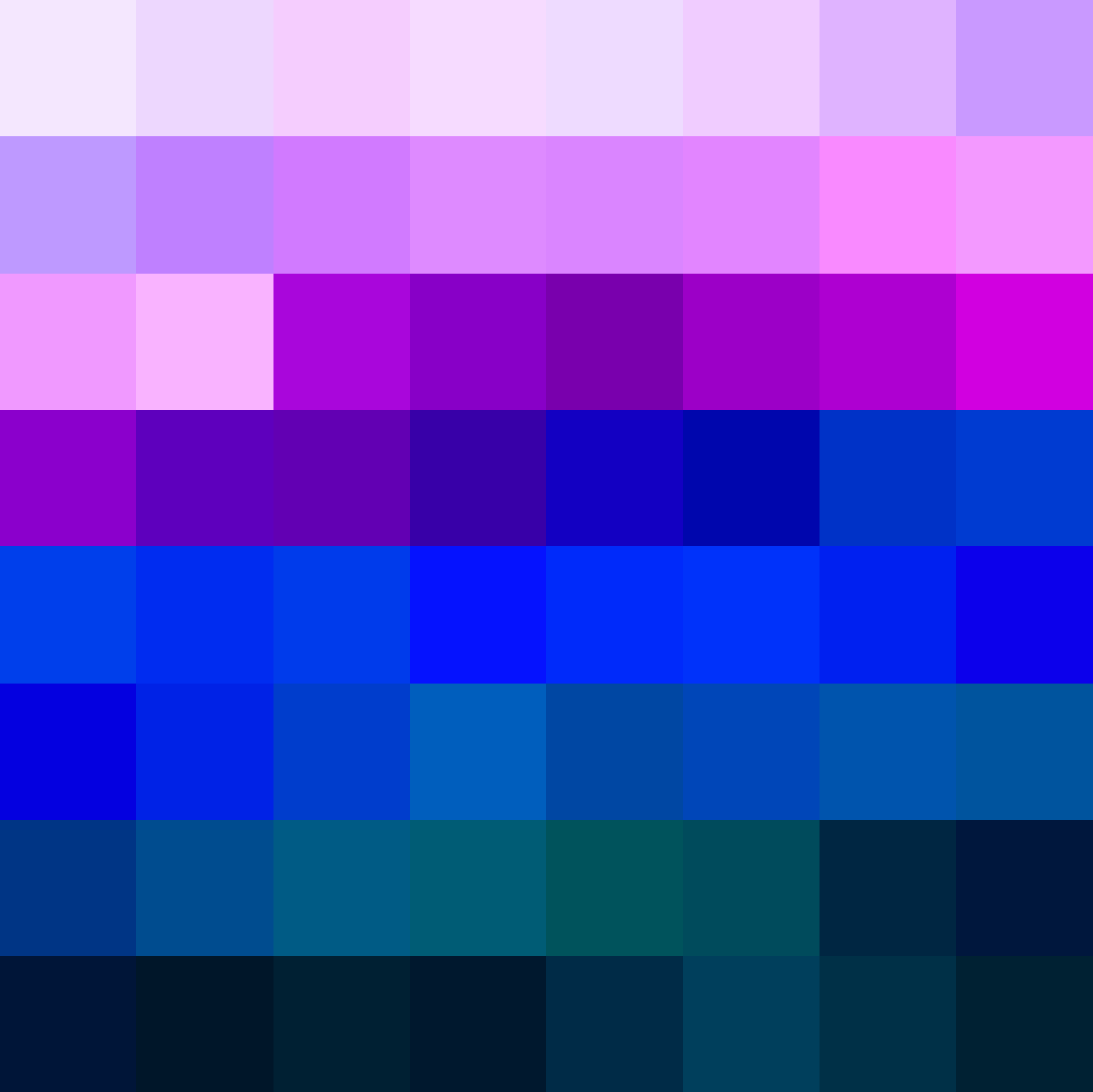
Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has quite some purple, a little bit of violet, a little bit of magenta, a little bit of indigo, and a little bit of cyan in it.
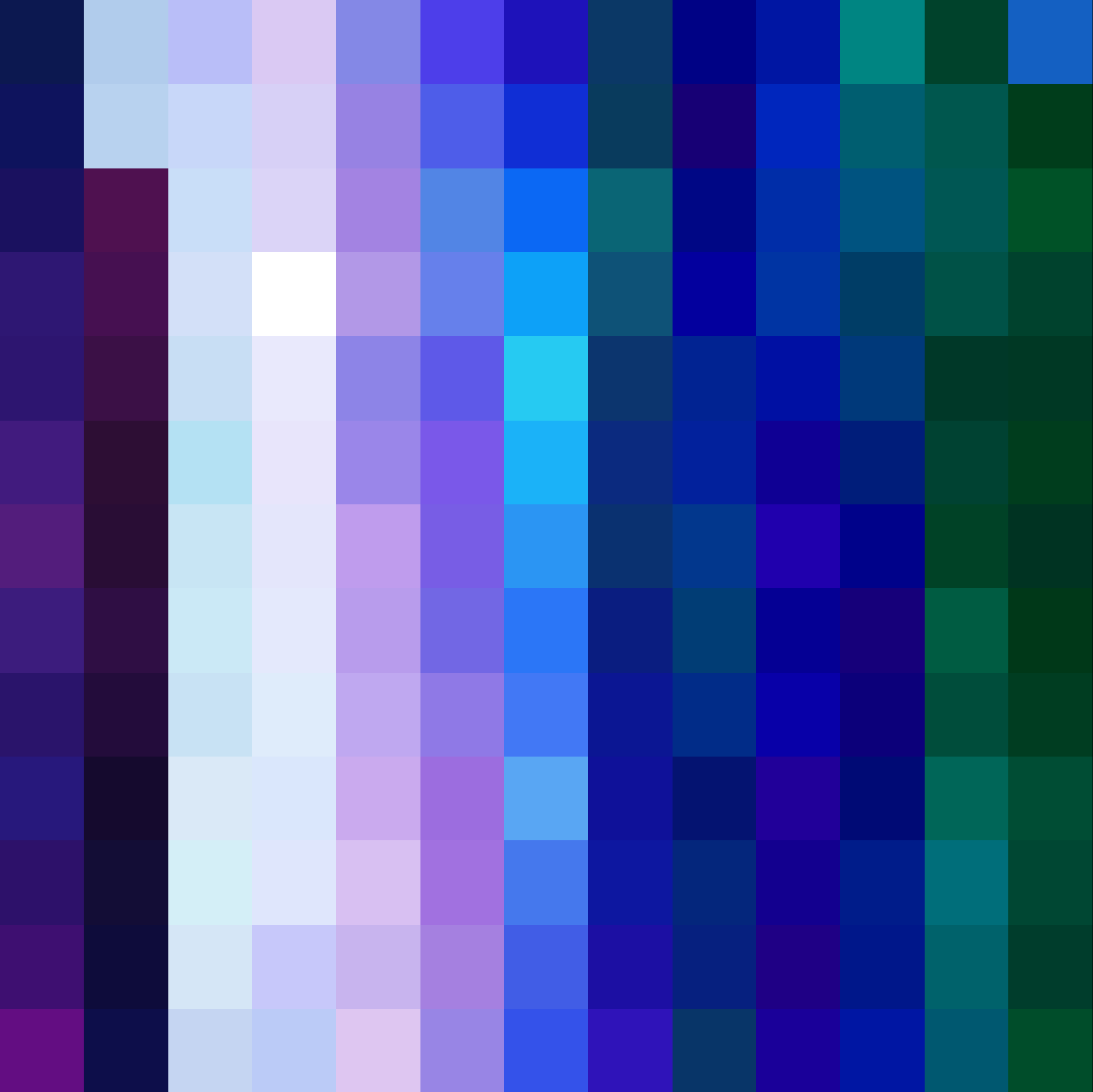
This very, very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly yellow, but it also has quite some green, some lime, a bit of cyan, a little bit of magenta, a little bit of indigo, a little bit of blue, and a tiny bit of violet in it.

This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly red, but it also has quite some rose, some orange, a bit of blue, and a bit of yellow in it.
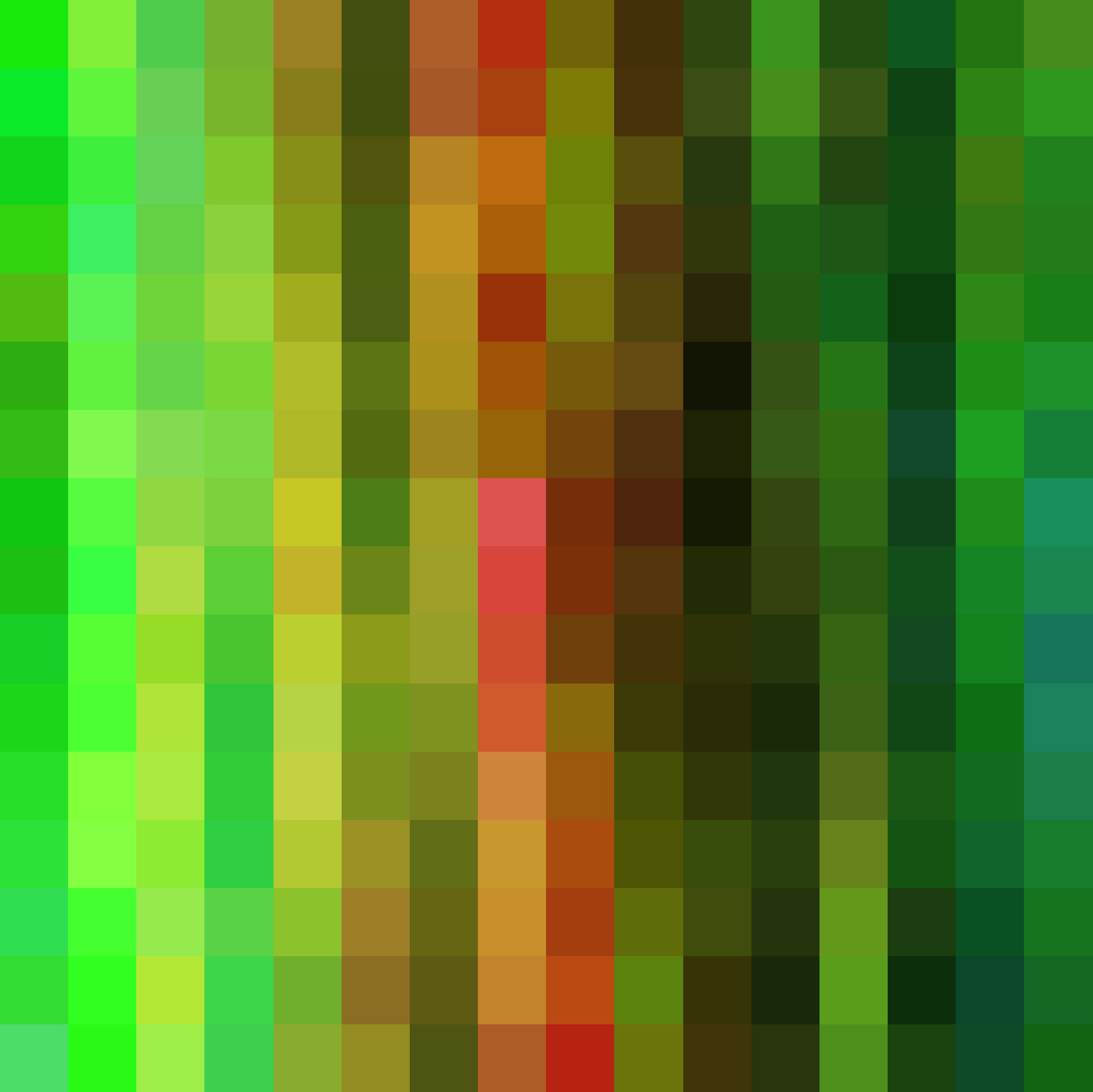
This very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, but it also has some yellow, some orange, a bit of lime, a tiny bit of red, and a tiny bit of cyan in it.

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

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

This two tone gradient, generated in this 5 by 5 pixel grid, is mostly red, but it also has quite some orange in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly cyan, and it also has quite some green, a little bit of blue, and a tiny bit of rose in it.
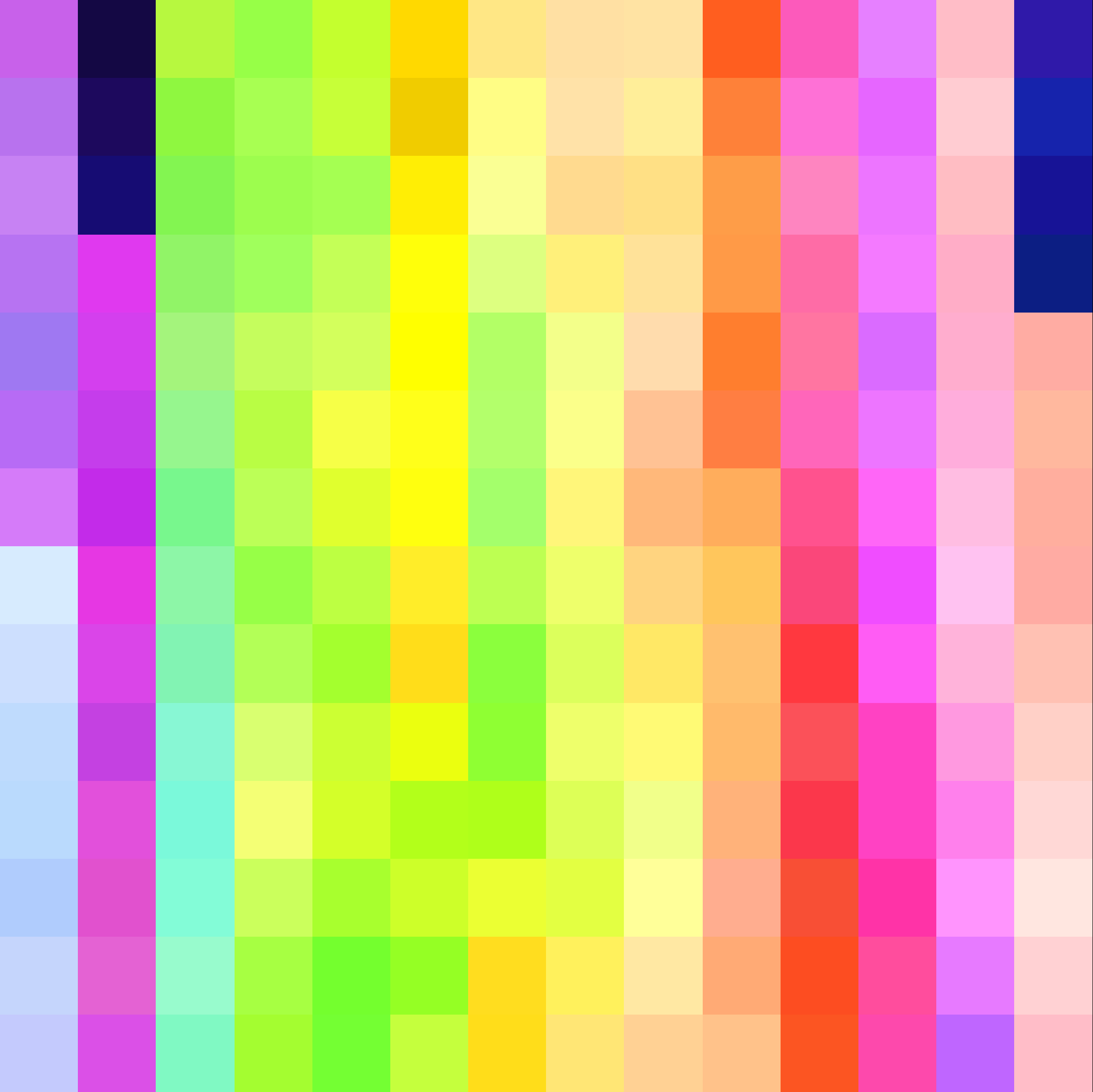
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has quite some green, some yellow, some orange, a little bit of lime, a little bit of purple, a little bit of blue, a little bit of magenta, a little bit of indigo, and a tiny bit of cyan in it.
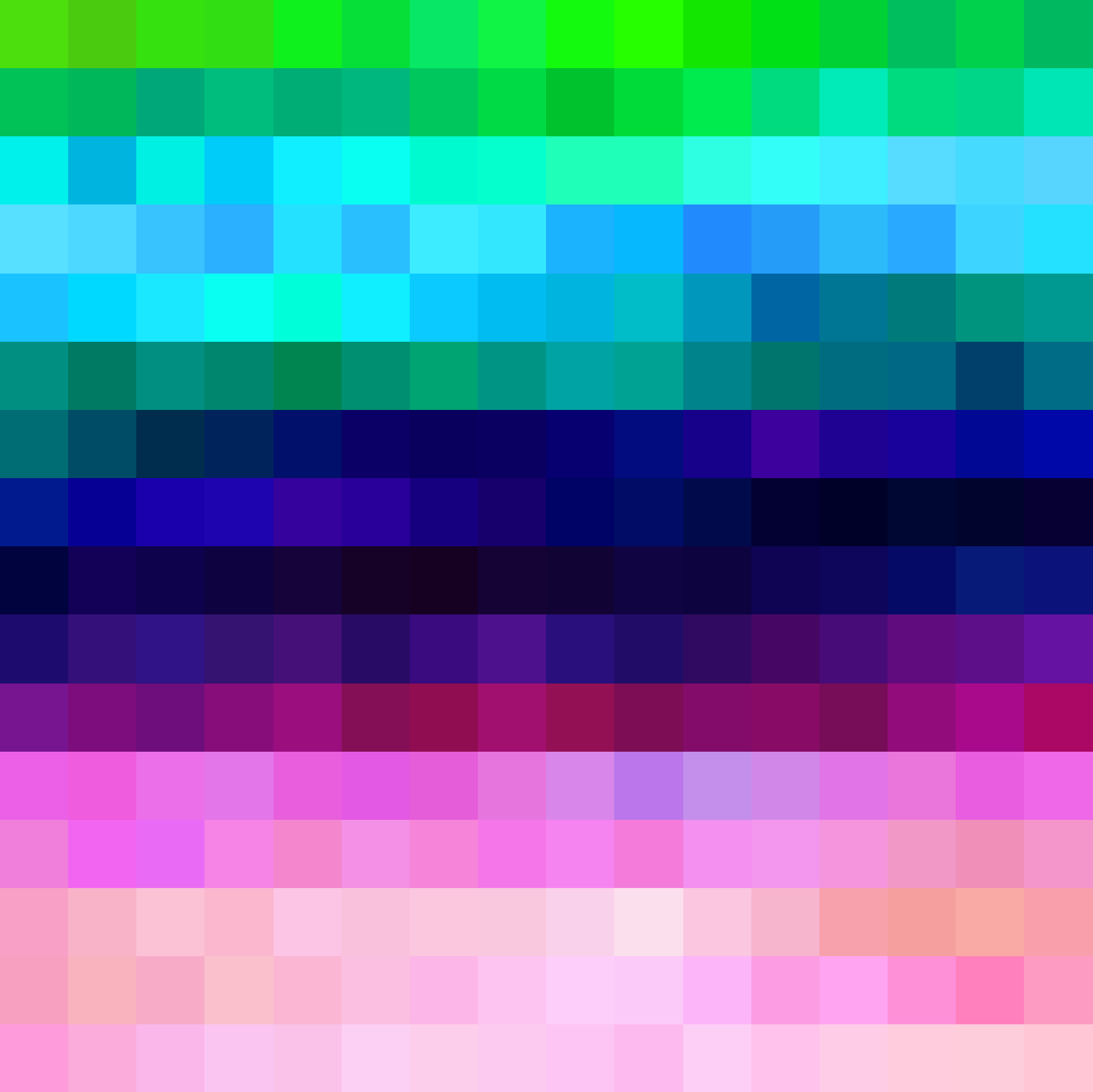
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some cyan, some green, some blue, some indigo, a bit of rose, a little bit of purple, a little bit of violet, and a tiny bit of red in it.
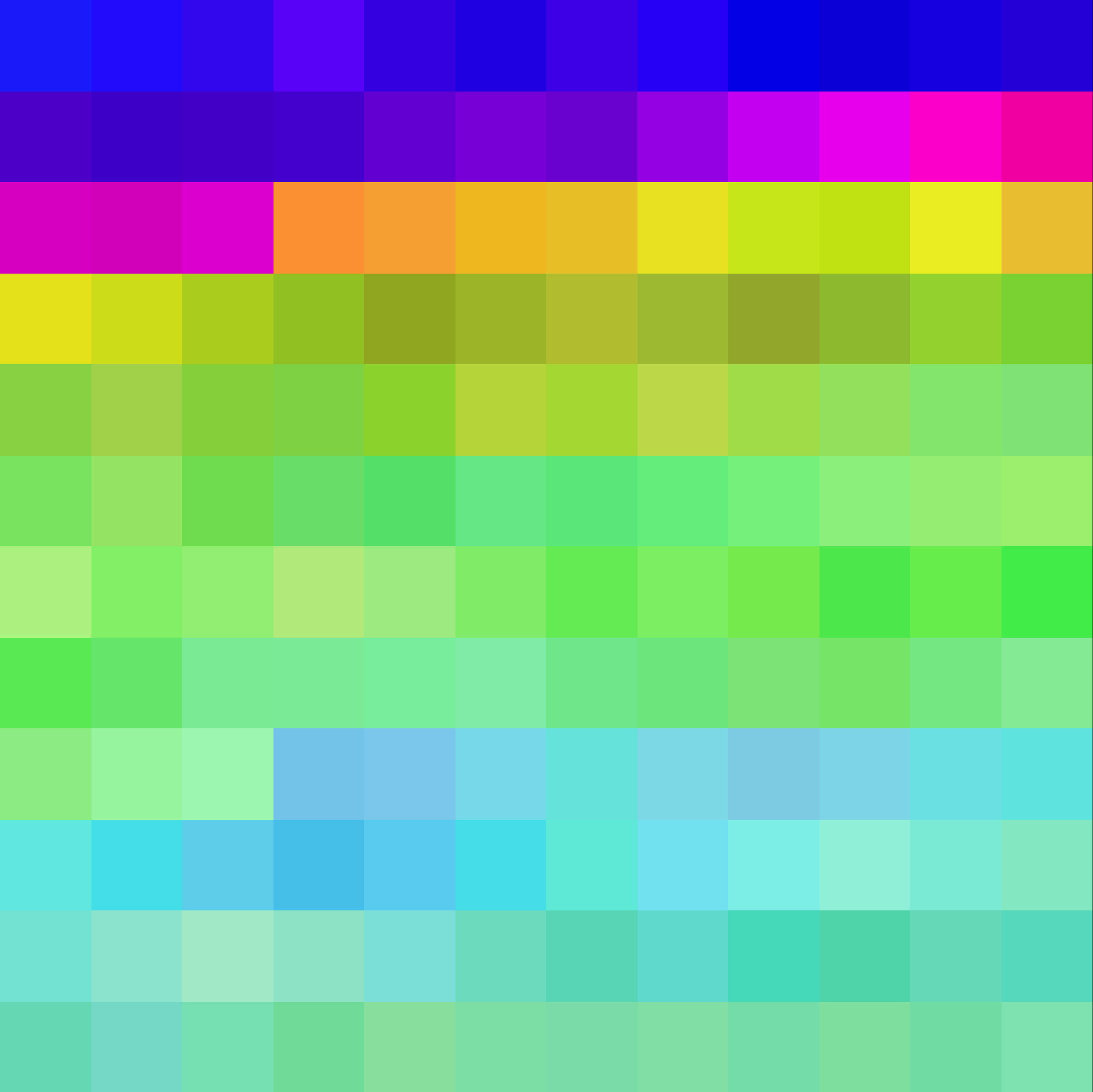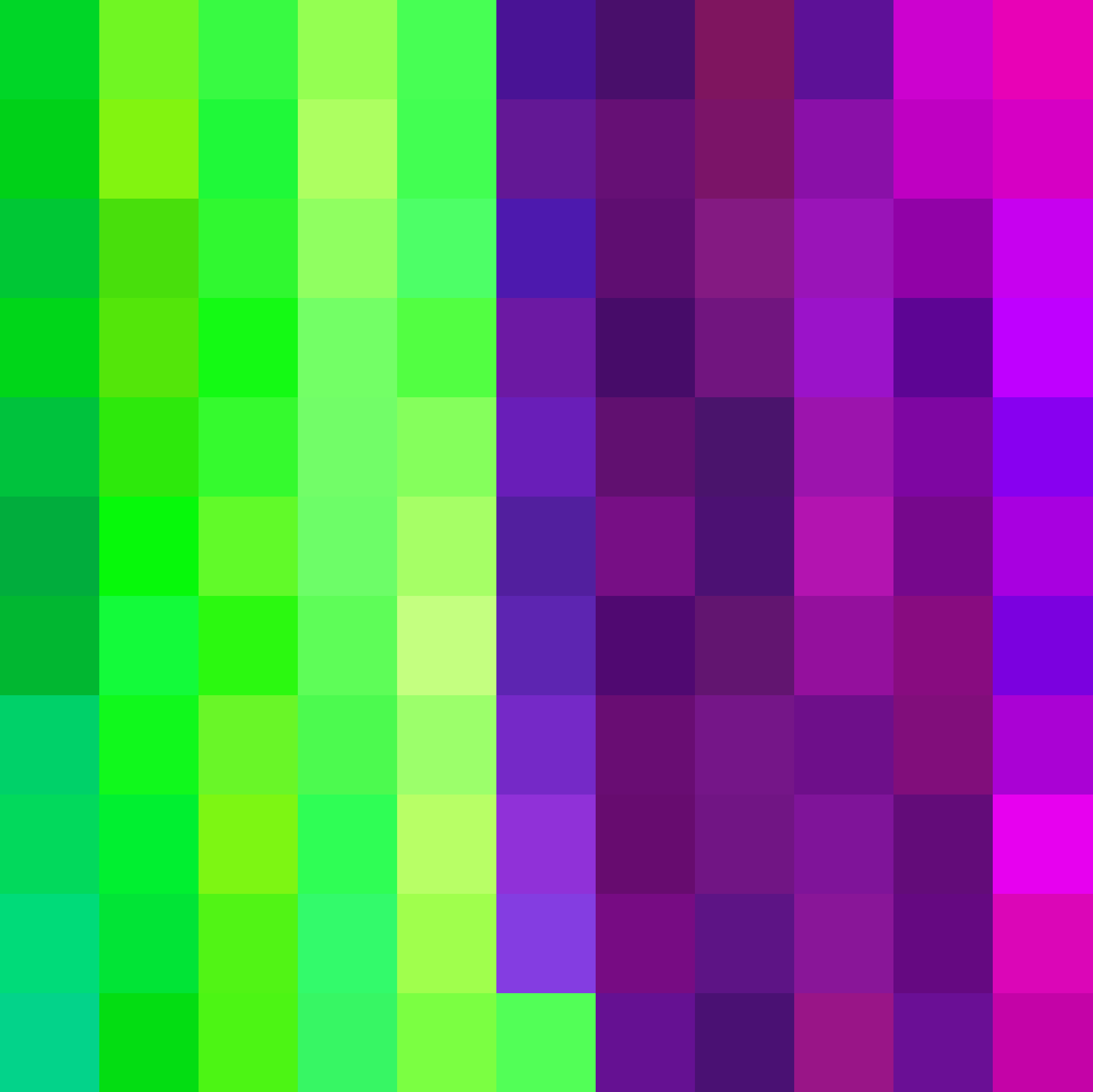
The very, very colourful gradient in this 12 by 12 pixel grid is mostly green, and it also has some cyan, a bit of indigo, a bit of yellow, a little bit of lime, a little bit of blue, a little bit of magenta, a little bit of violet, a tiny bit of purple, and a tiny bit of orange in it.
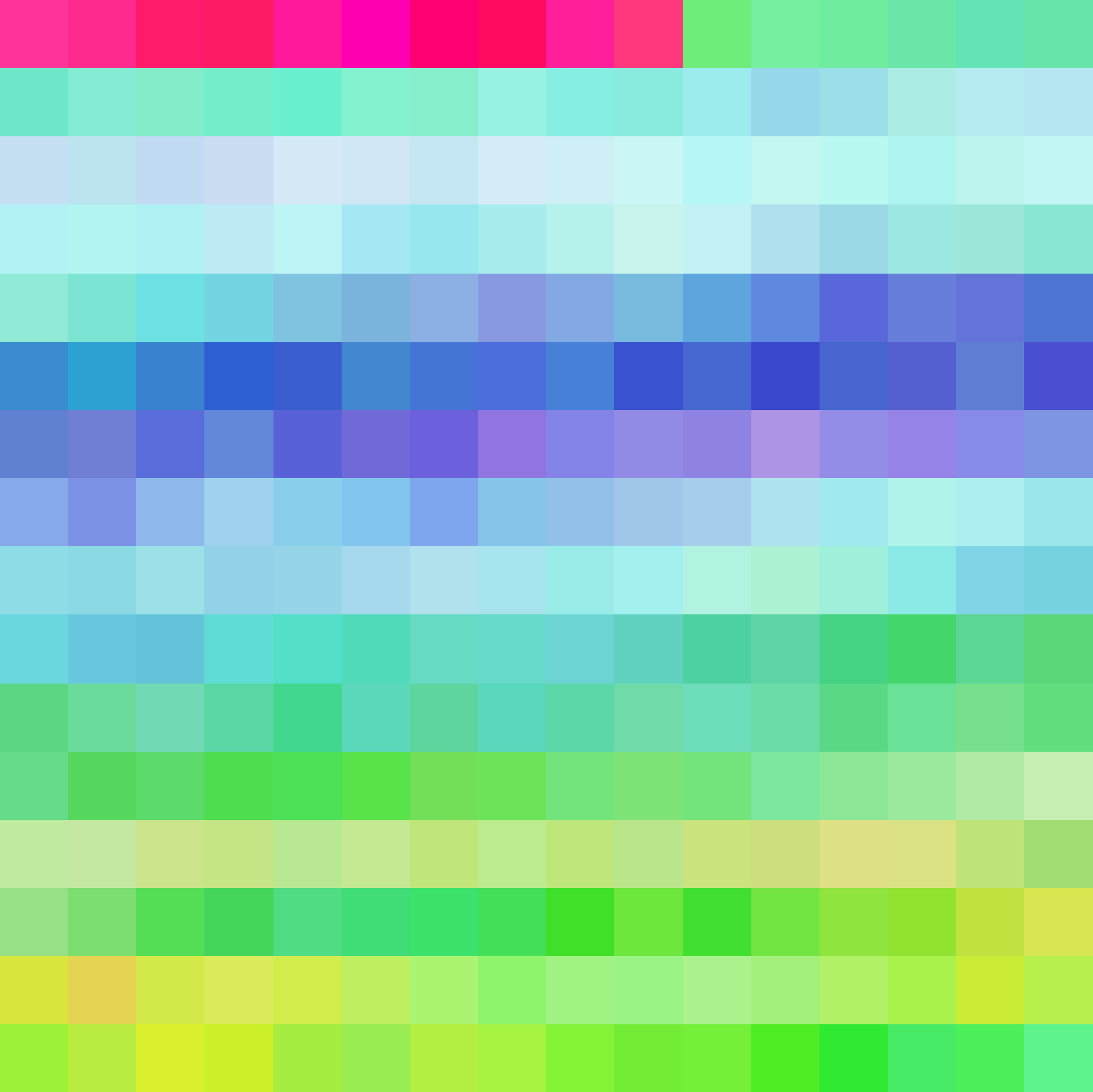
This very colourful gradient, generated in this 14 by 14 pixel grid, is mostly blue, and it also has quite some cyan, some indigo, a bit of magenta, a little bit of purple, a little bit of violet, and a tiny bit of green in it.

Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, and it also has some purple, some rose, some red, some indigo, a bit of violet, a little bit of cyan, a little bit of blue, a tiny bit of green, and a tiny bit of orange in it.
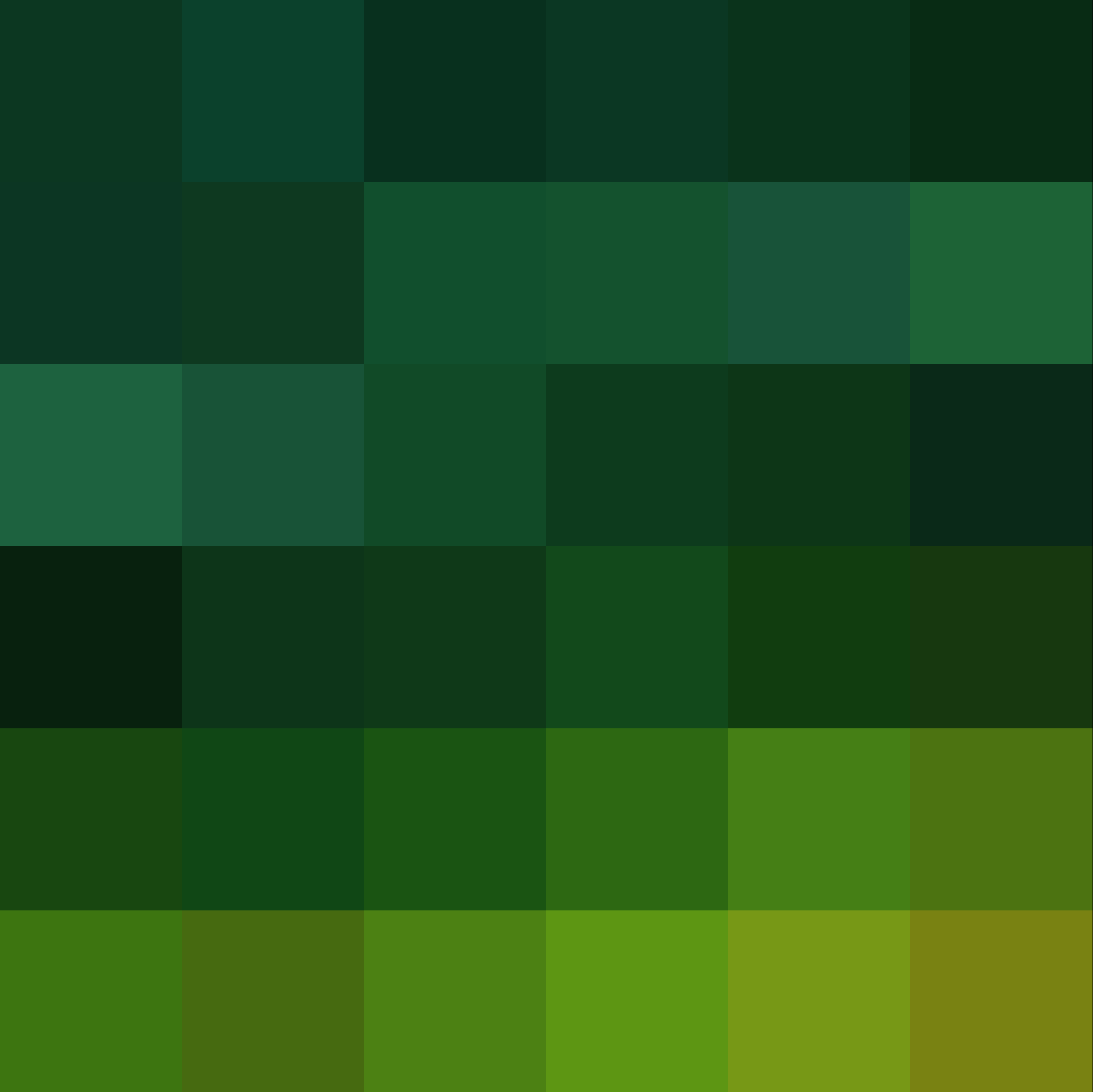
An 11 by 11 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some purple, some magenta, and a little bit of violet in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has quite some cyan, quite some blue, a little bit of indigo, a little bit of yellow, a little bit of rose, a little bit of lime, and a tiny bit of magenta in it.
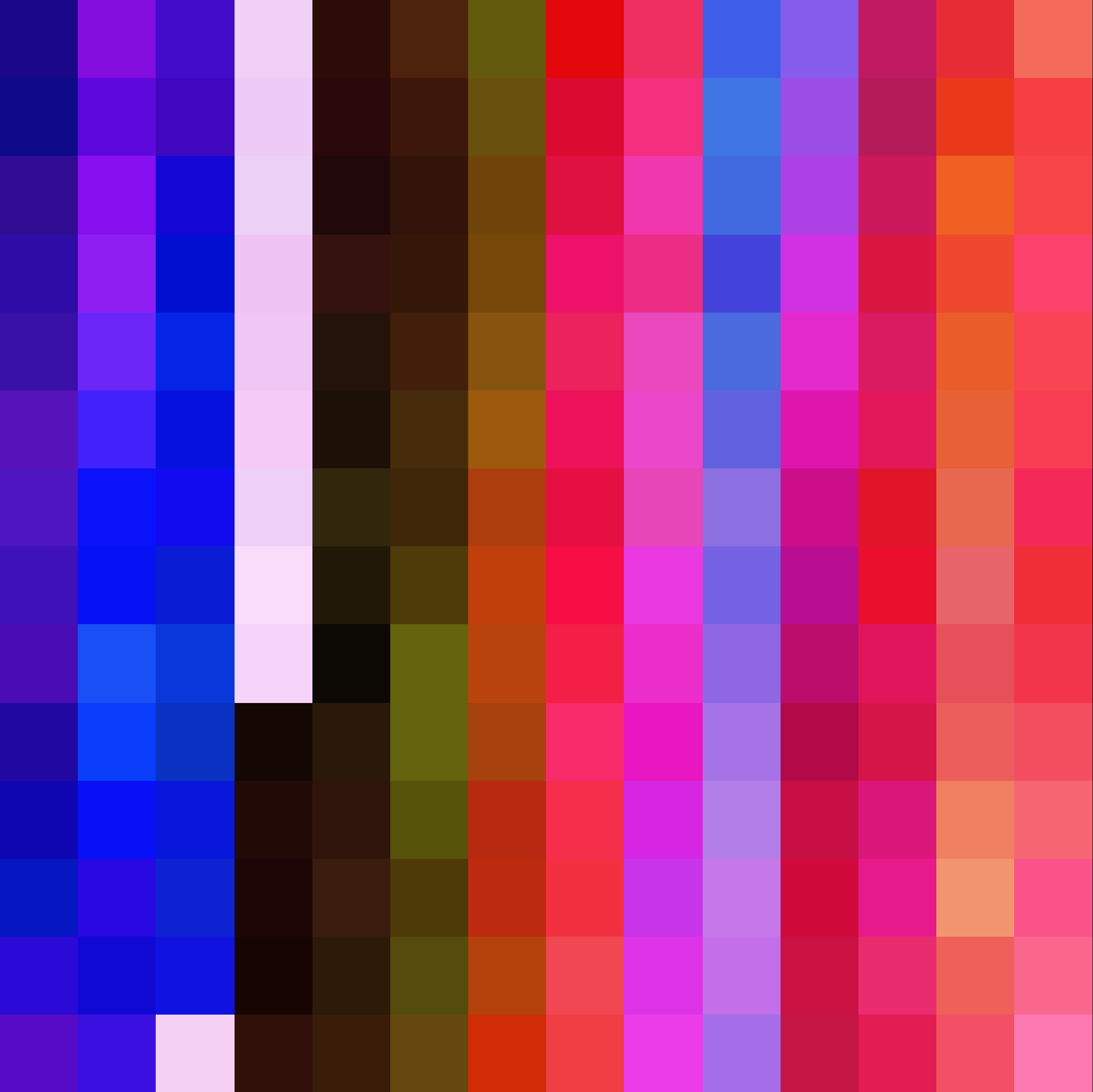
A very, very colourful grid of 196 blocks. It's mostly red, and it also has some orange, some indigo, some blue, a bit of rose, a little bit of magenta, a little bit of purple, a little bit of violet, and a little bit of yellow in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly green, but it also has a little bit of lime, and a little bit of yellow in it.
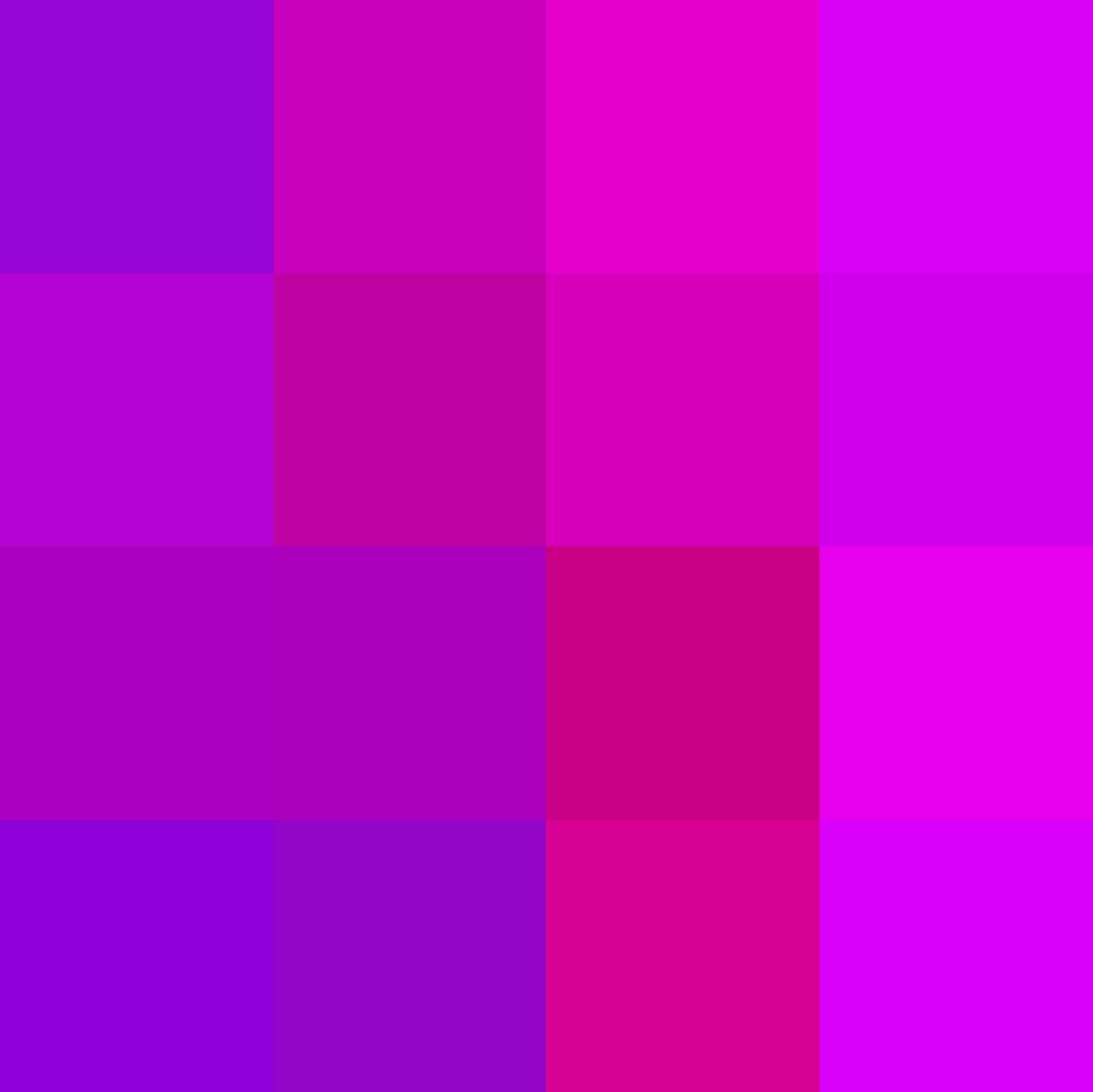
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has some yellow, a bit of lime, and a tiny bit of orange in it.
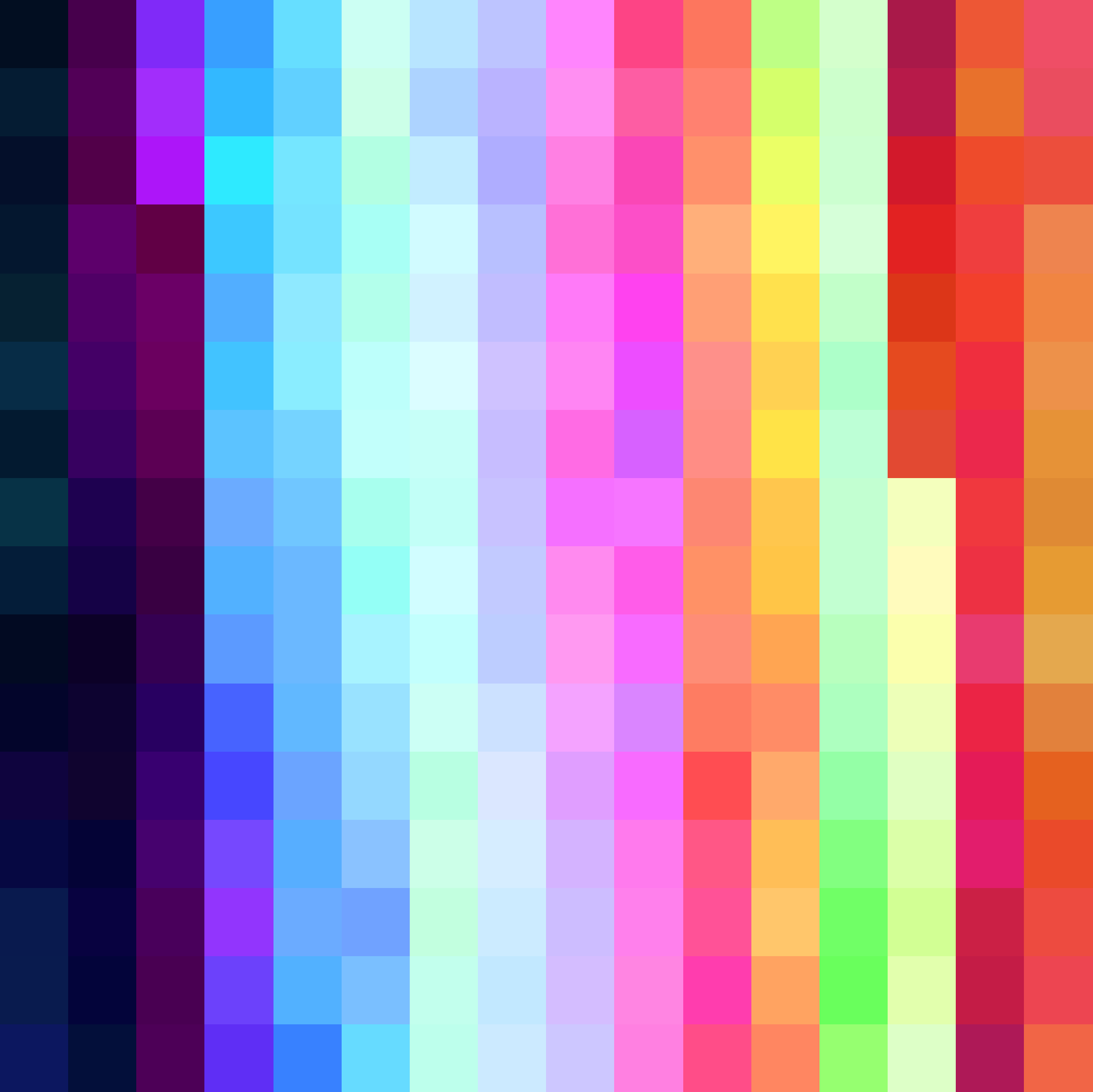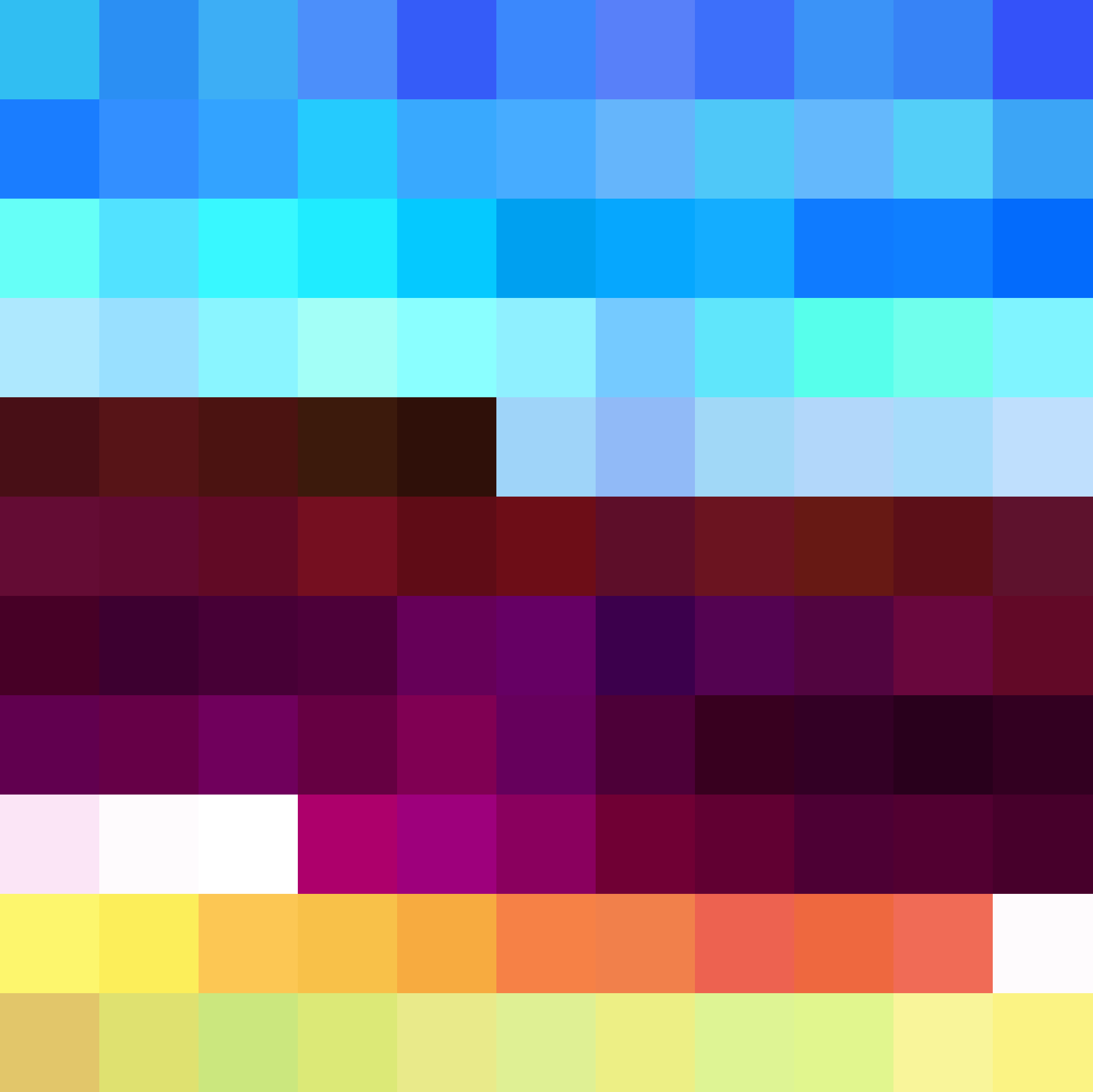
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly blue, and it also has some red, some magenta, some green, a bit of cyan, a bit of orange, a bit of indigo, a little bit of purple, a little bit of violet, a little bit of yellow, a tiny bit of rose, and a tiny bit of lime in it.
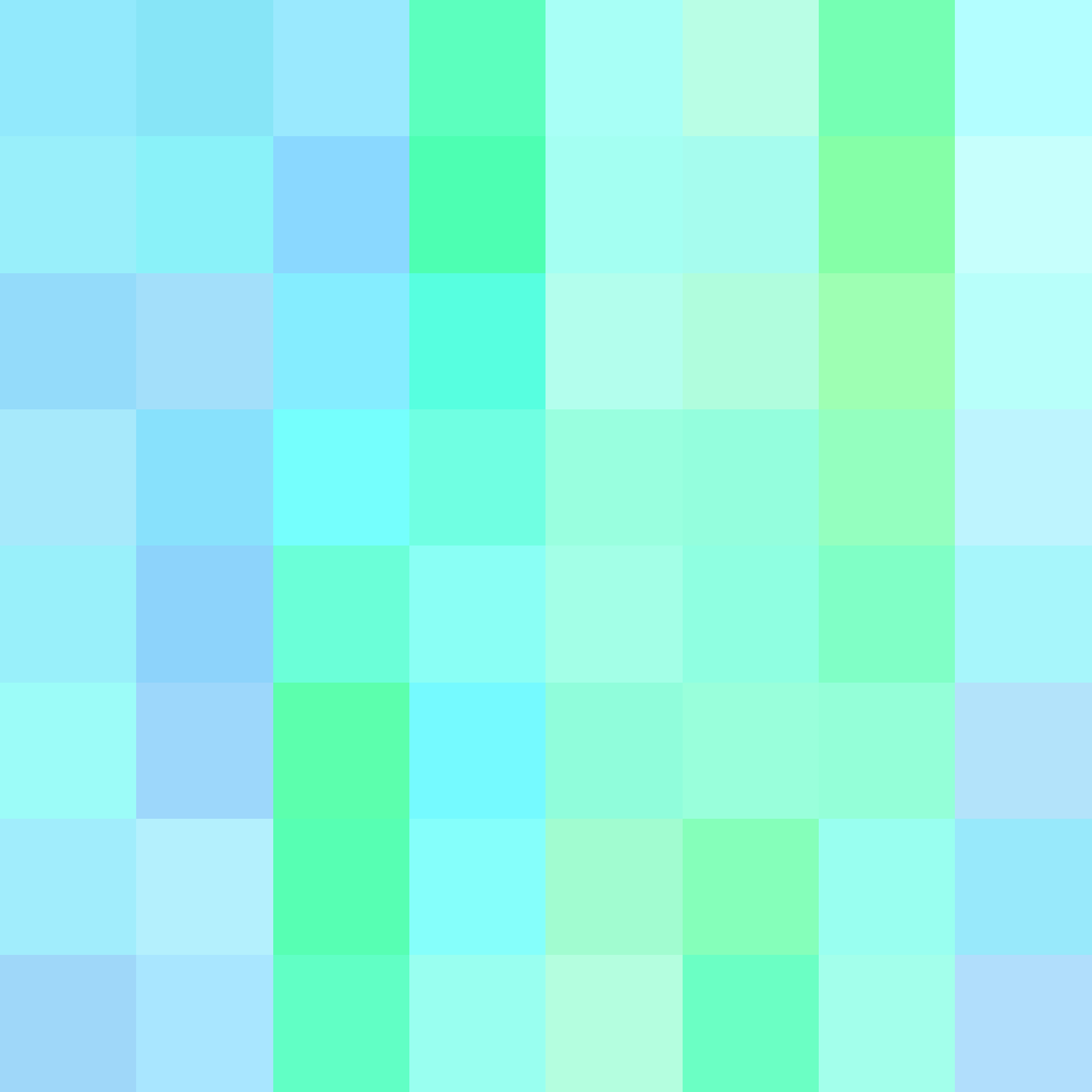
A grid of 64 blocks. It's mostly cyan, and it also has quite some green, and some blue in it.

The two tone gradient in this 4 by 4 pixel grid is mostly magenta, and it also has quite some purple in it.
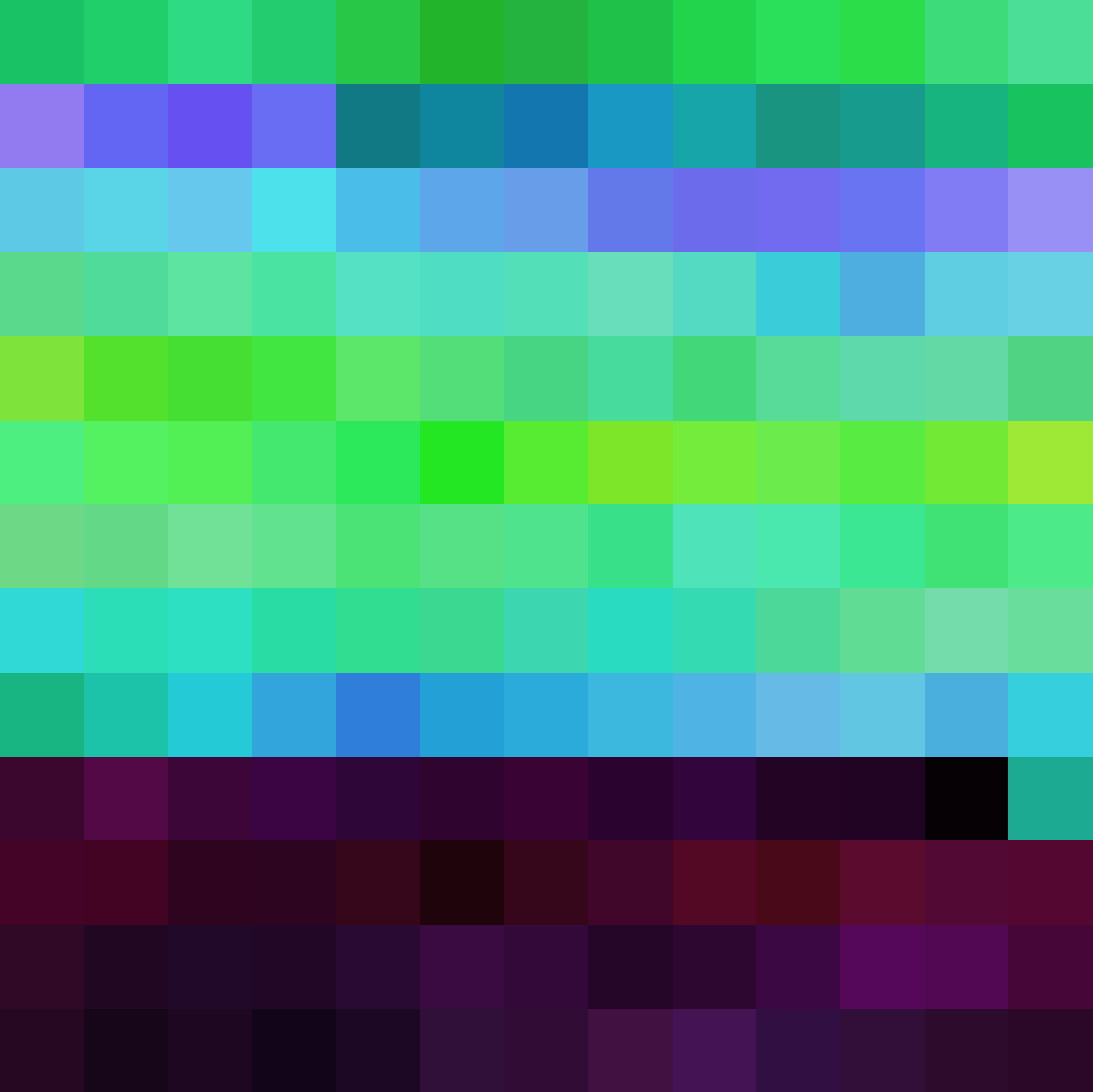
This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly red, but it also has quite some blue, some cyan, a bit of yellow, a little bit of orange, a little bit of lime, a tiny bit of magenta, and a tiny bit of rose in it.
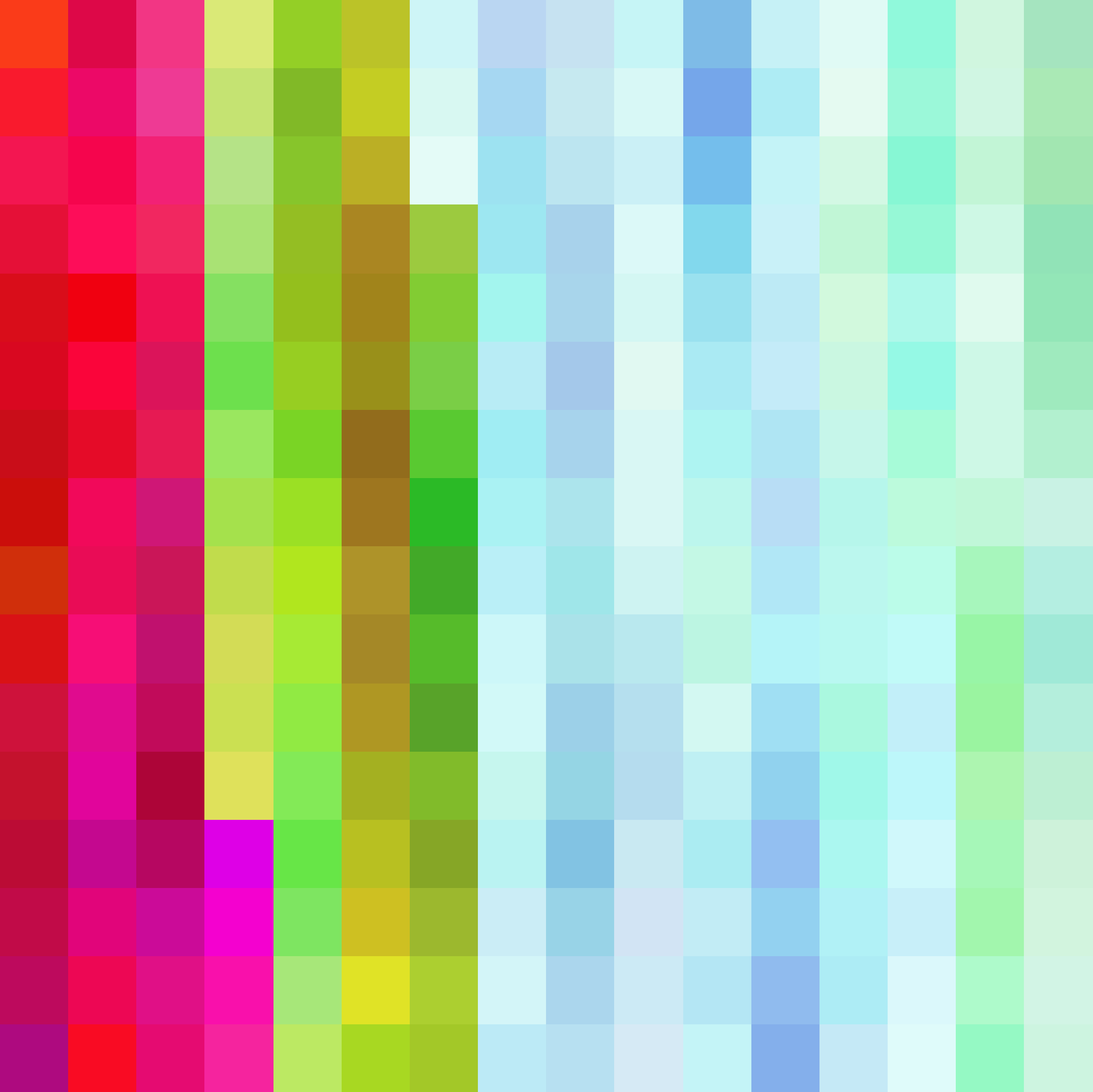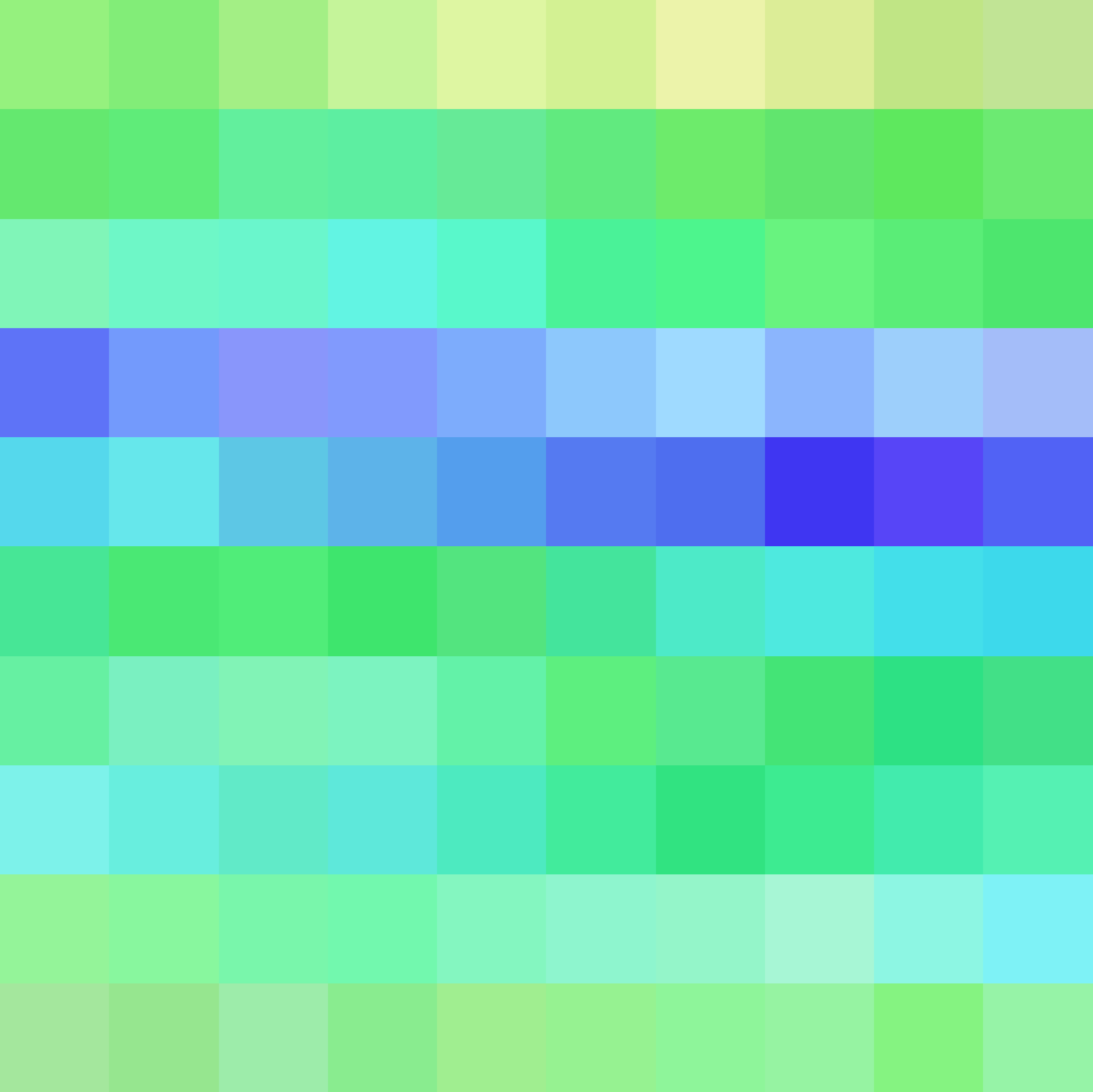
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, some blue, a bit of rose, a little bit of red, a little bit of yellow, a little bit of lime, a little bit of magenta, and a tiny bit of orange in it.
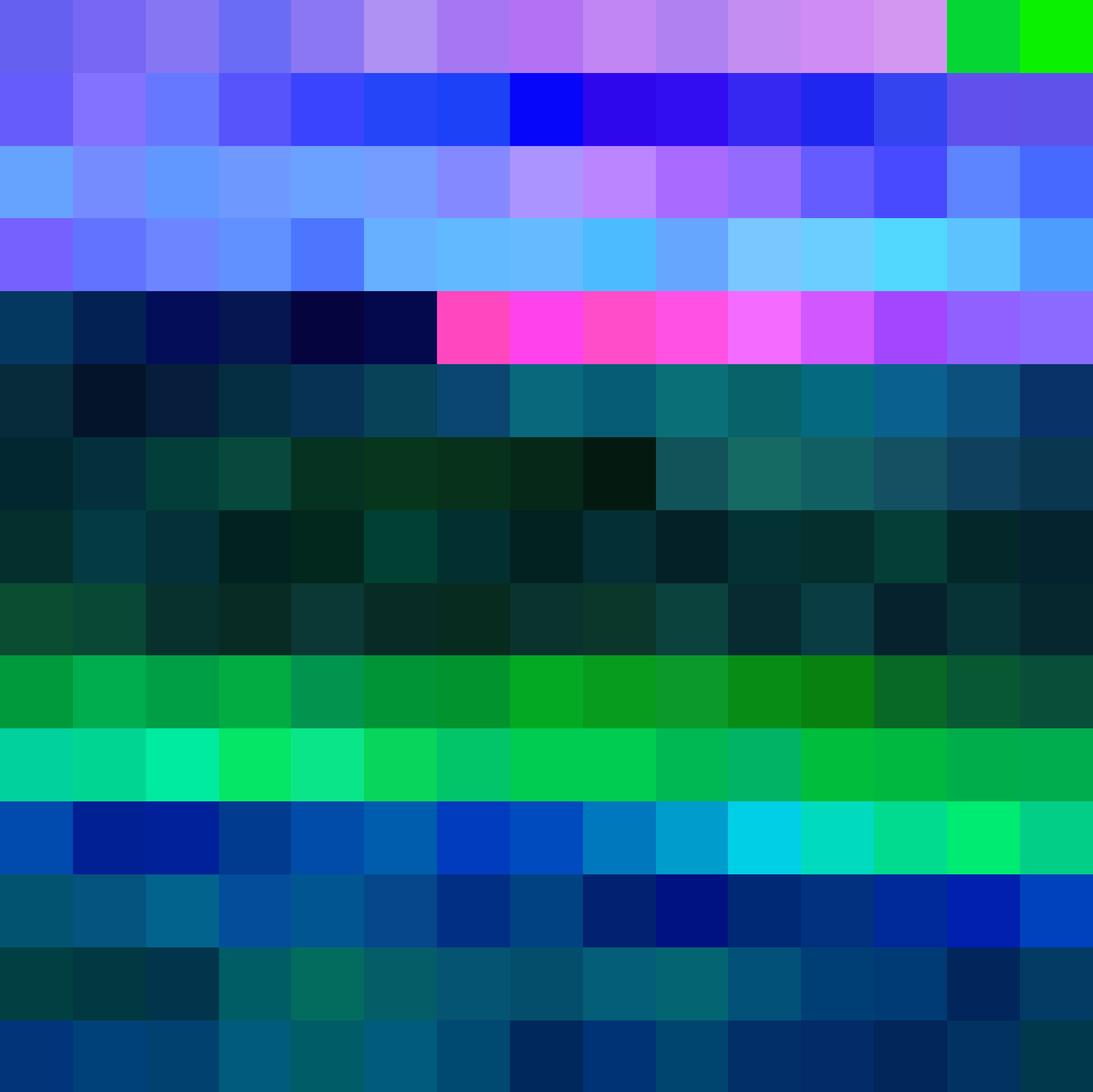
The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some cyan, quite some green, a bit of indigo, a little bit of violet, a tiny bit of purple, and a tiny bit of magenta in it.

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

A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some blue, a little bit of lime, a tiny bit of indigo, and a tiny bit of yellow in it.
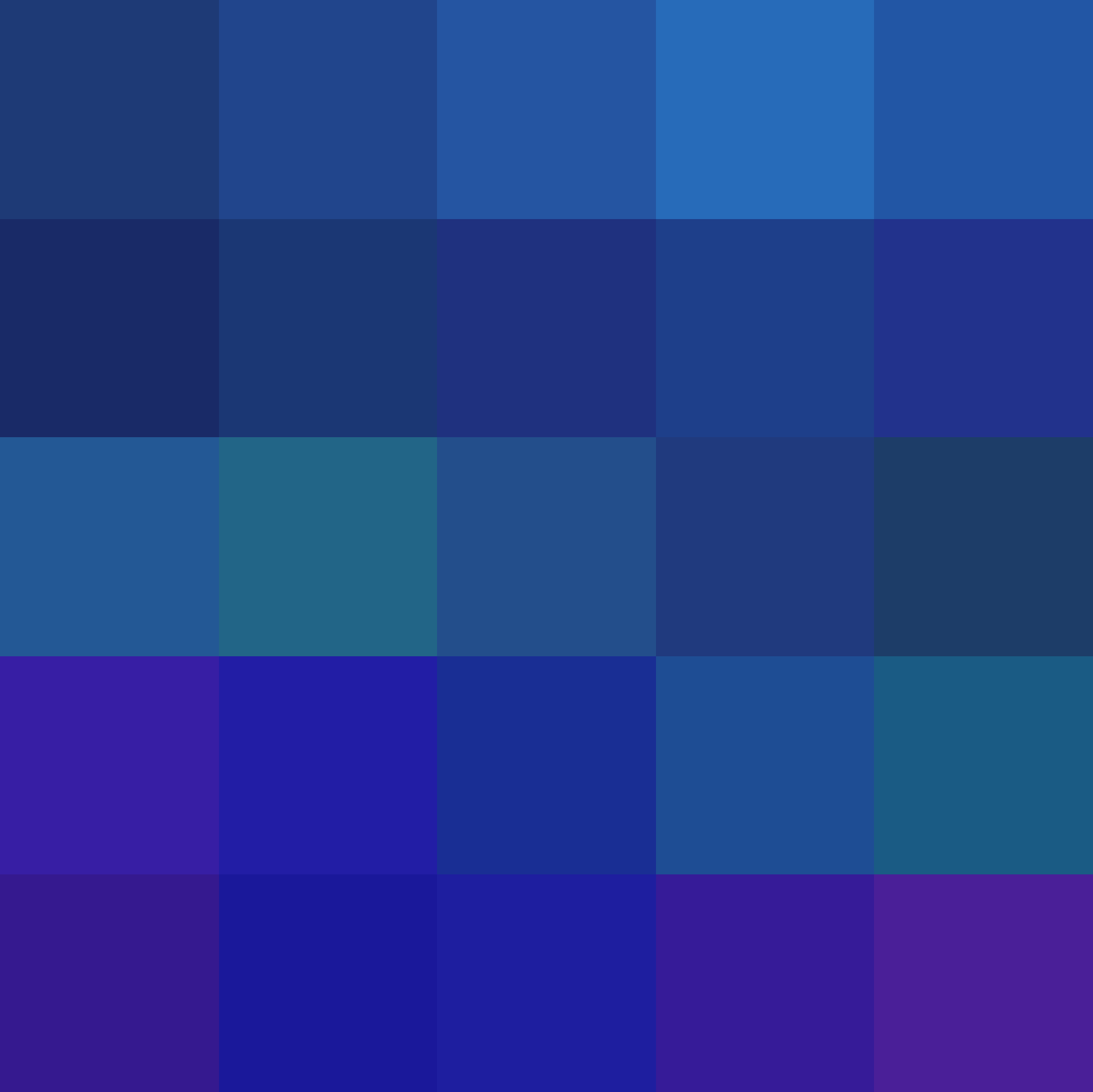
The gradient in this 5 by 5 pixel grid is mostly blue, and it also has quite some indigo, and a little bit of violet in it.
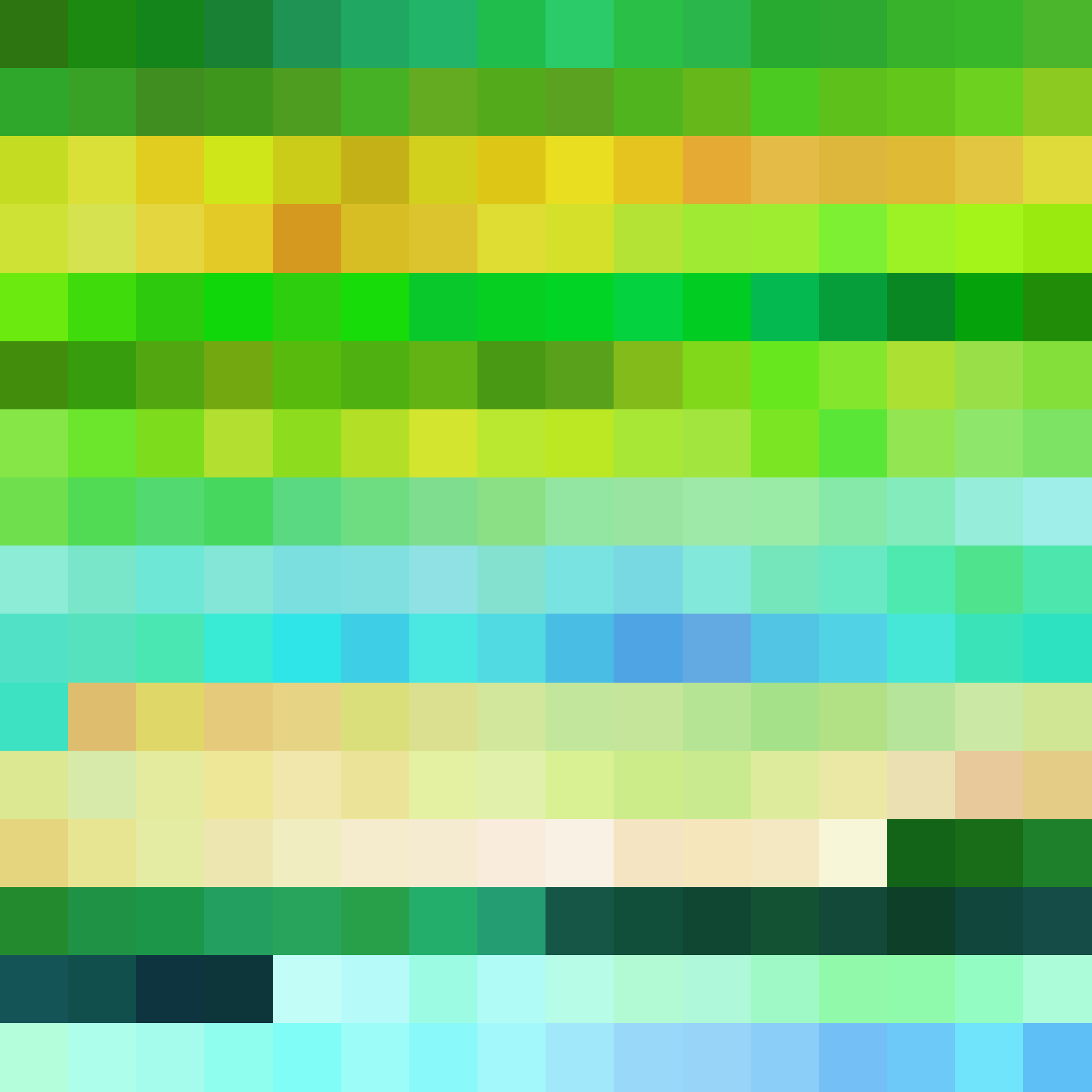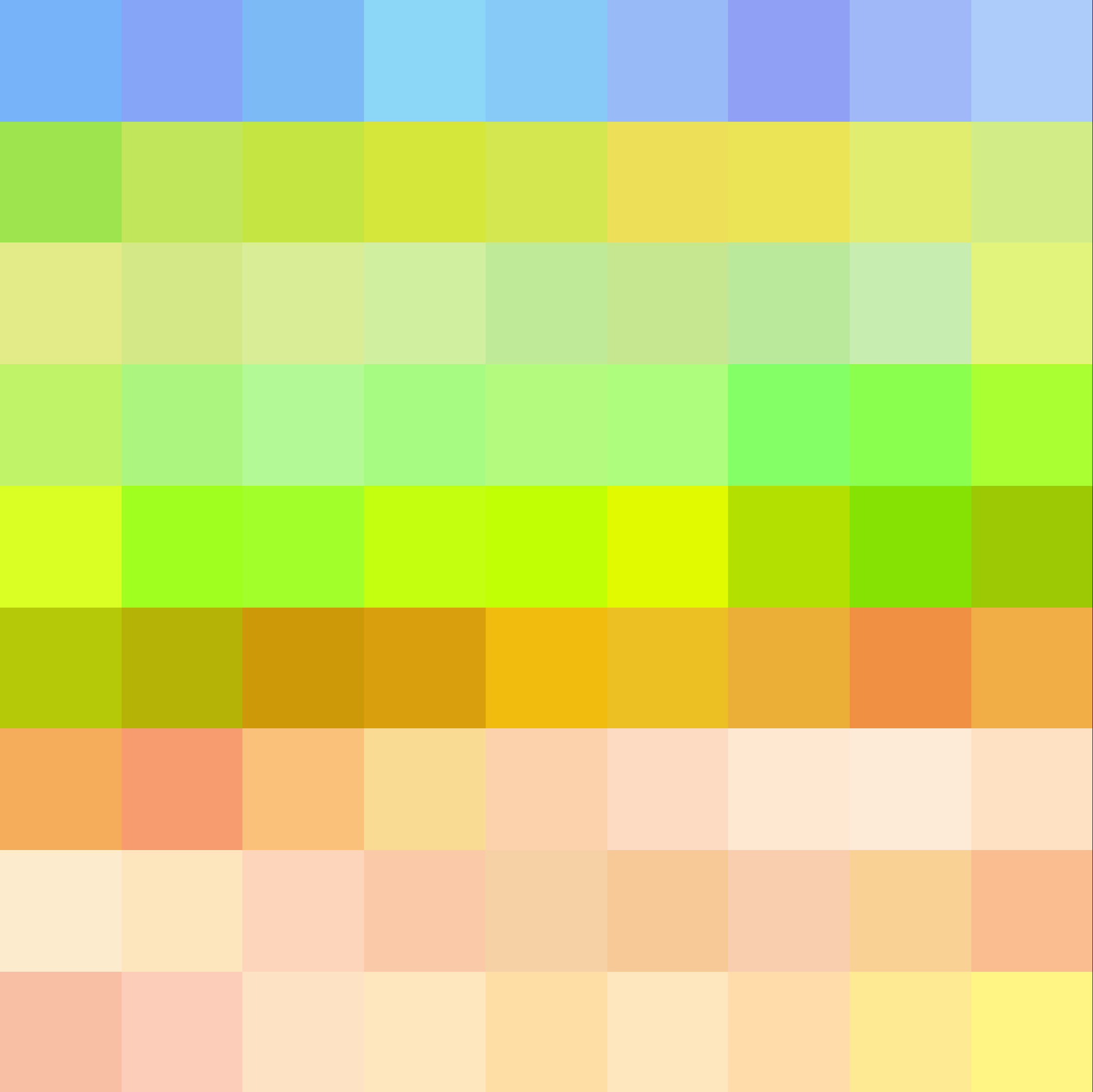
A very colourful grid of 256 blocks. It's mostly green, and it also has some cyan, some yellow, a little bit of orange, a little bit of lime, and a little bit of blue in it.
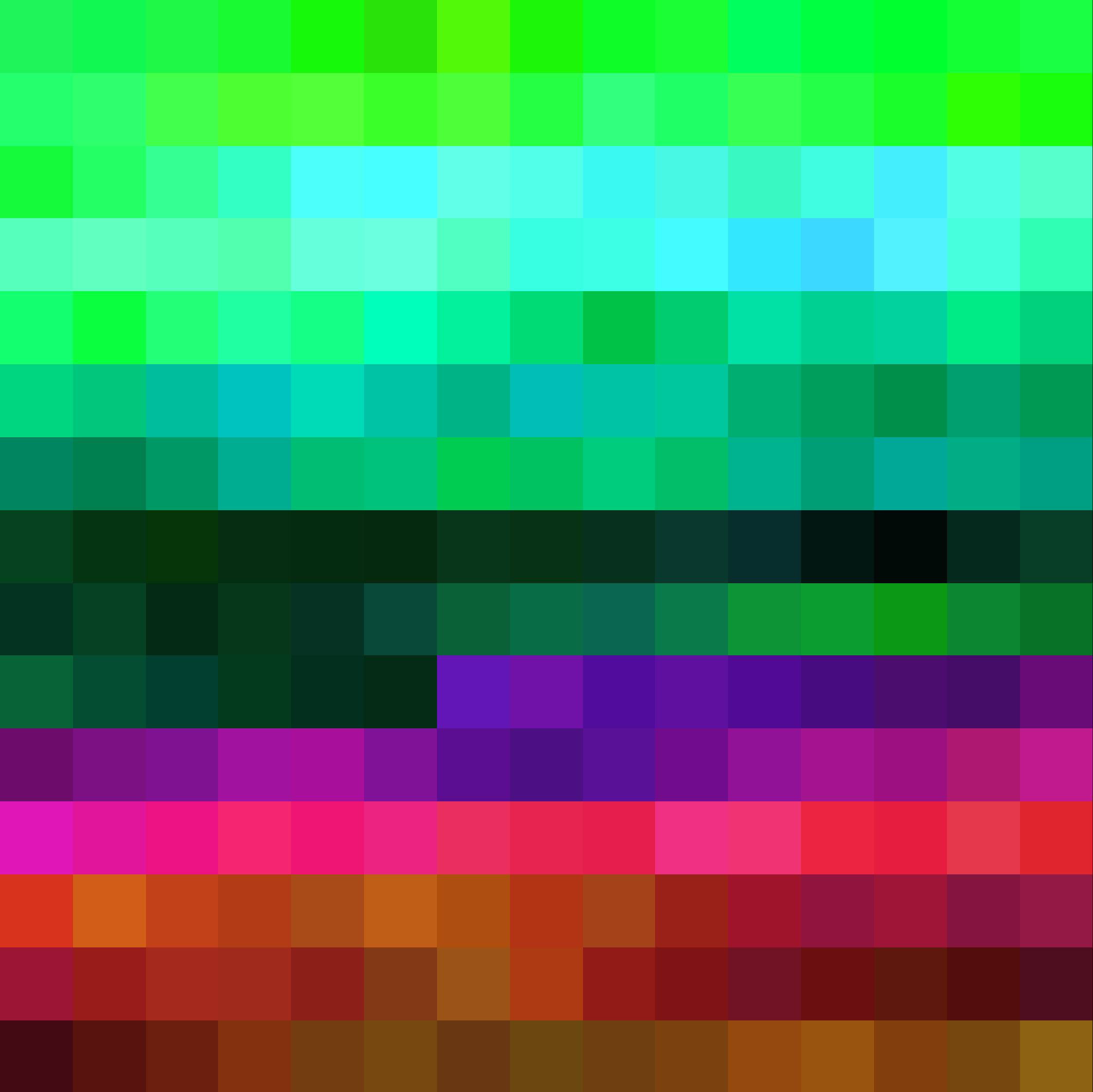
An 8 by 8 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some indigo, some magenta, some violet, some rose, a bit of purple, a little bit of cyan, and a tiny bit of red in it.
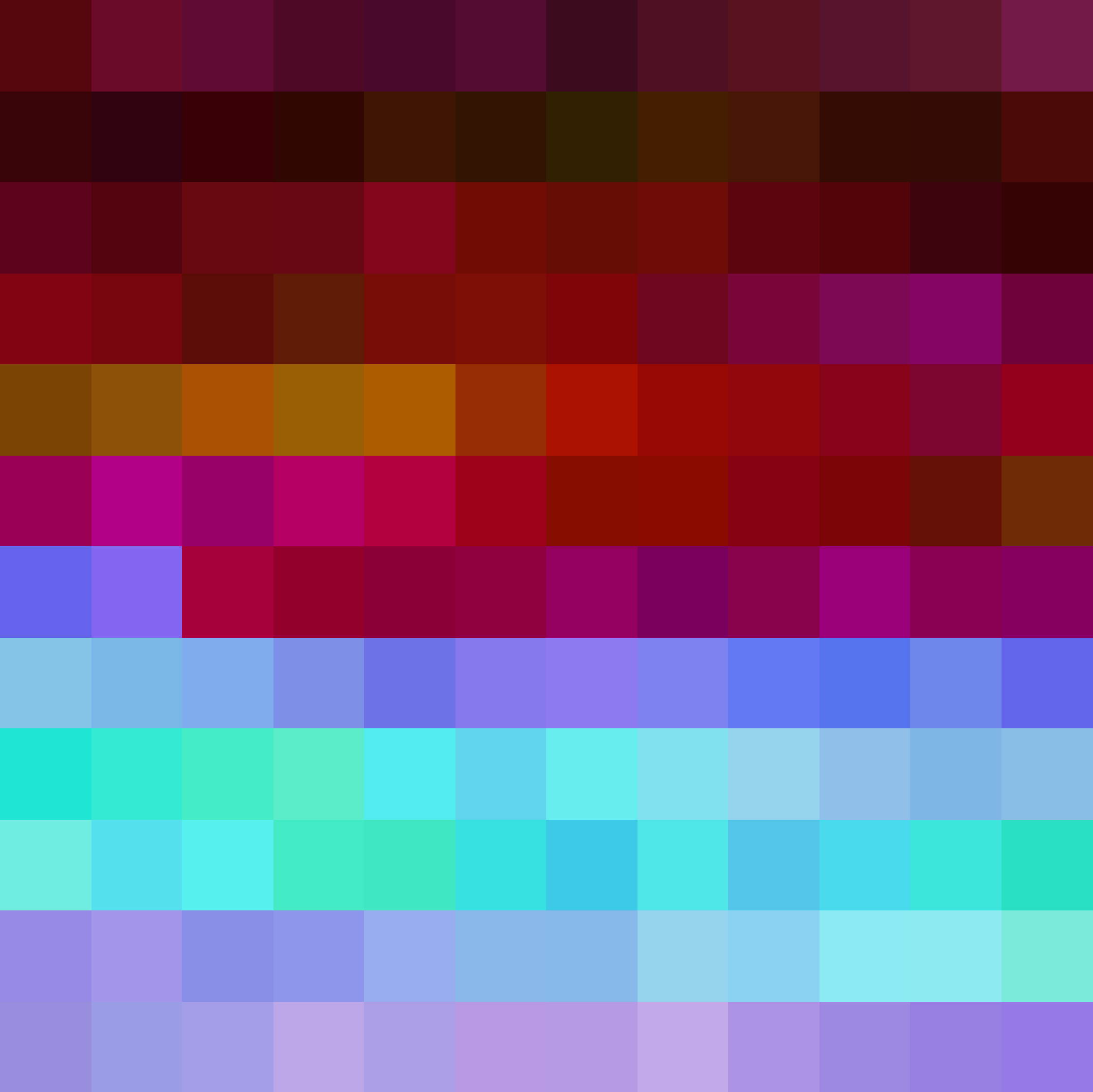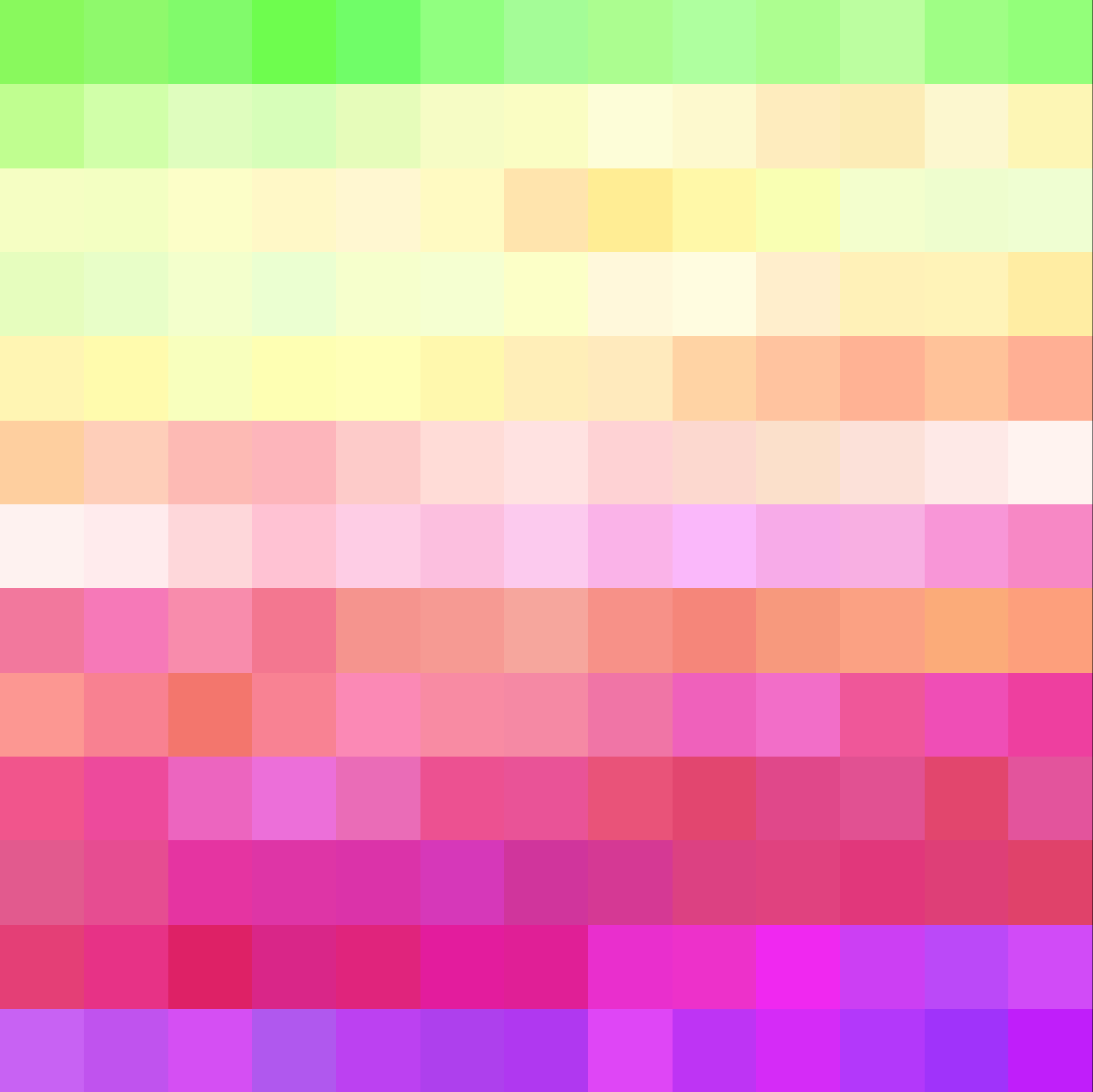
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, but it also has some rose, some blue, some cyan, a bit of indigo, a bit of orange, a little bit of magenta, and a tiny bit of violet in it.

This colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly orange, and it also has quite some green, some yellow, some blue, and some lime in it.

A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some cyan, some red, a bit of orange, a little bit of purple, a little bit of magenta, a little bit of rose, and a tiny bit of violet in it.
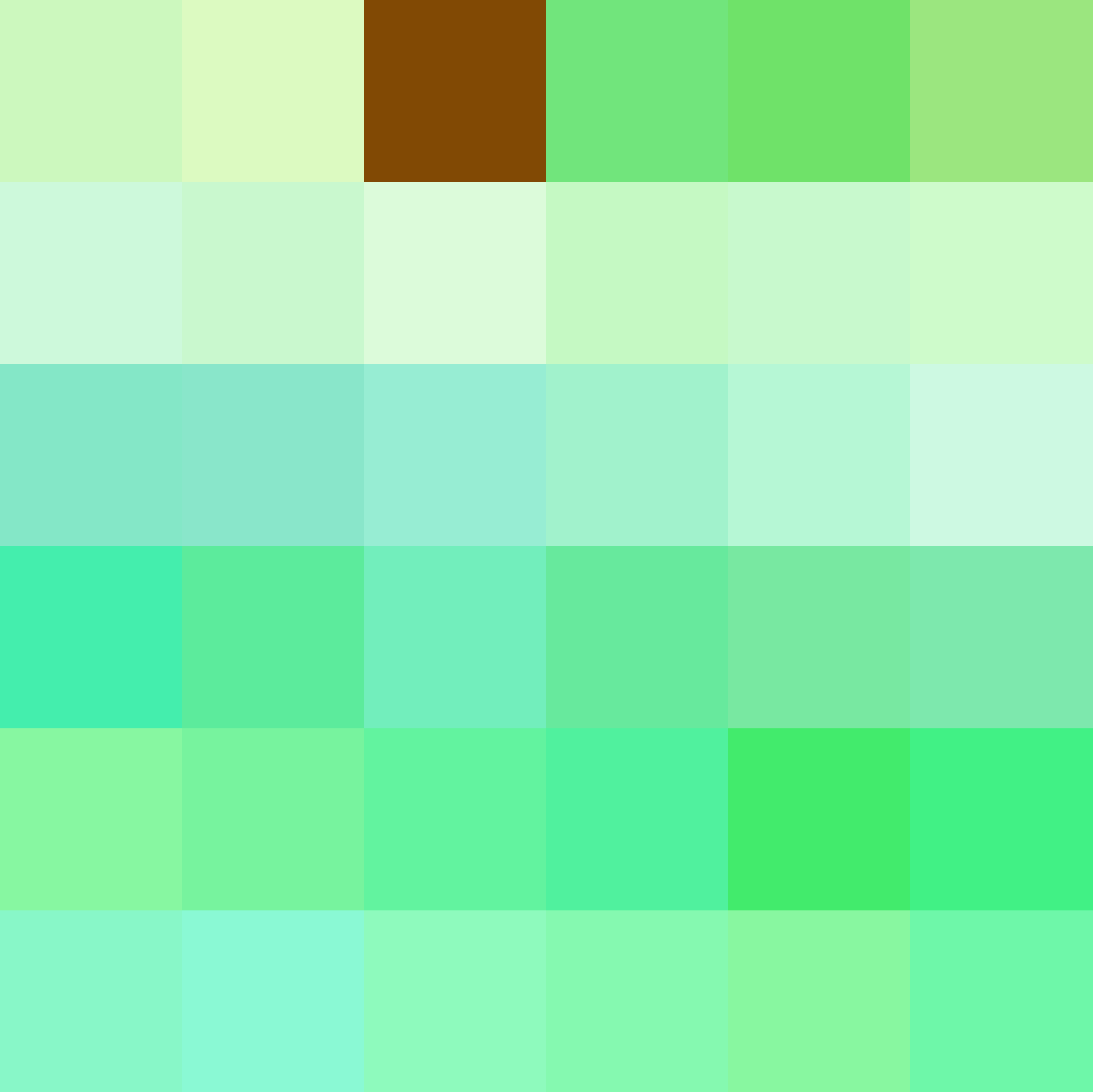
There's a colourful pixel gradient in this 13 by 13 grid. It is mostly red, but it also has some yellow, some green, a bit of orange, and a little bit of lime in it.
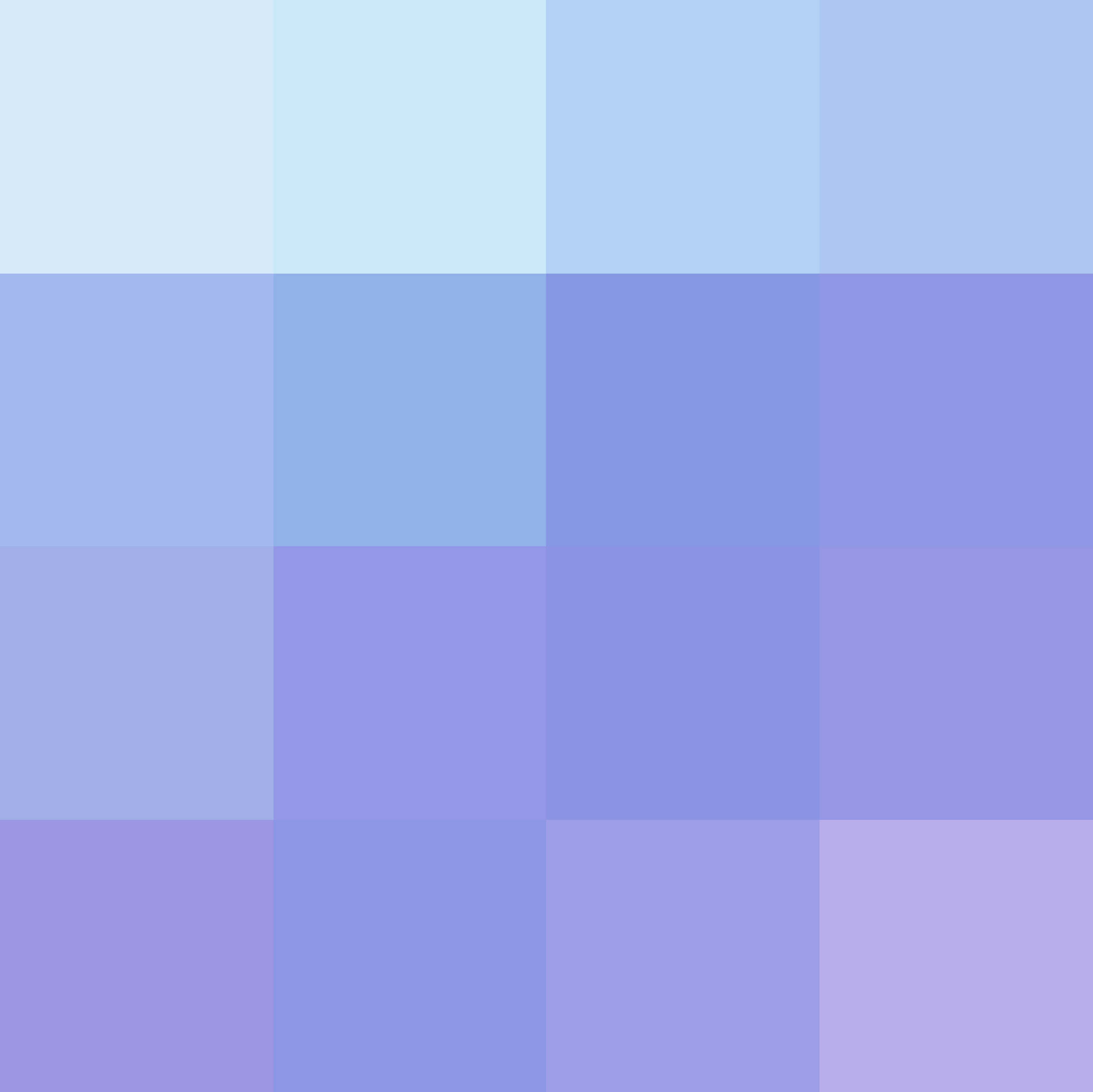
A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly blue, but it also has some indigo in it.
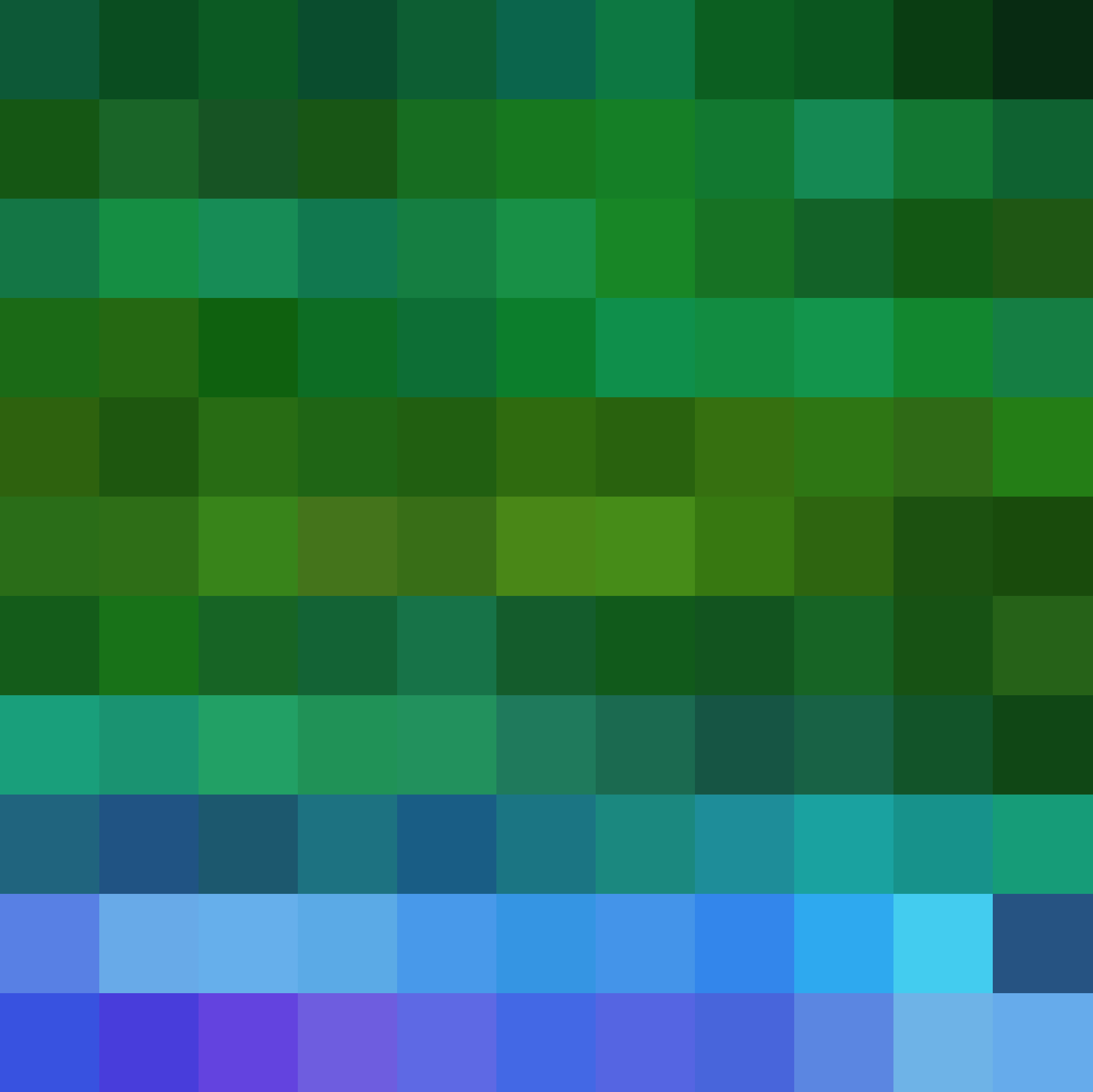
The cells in this 11 by 11 pixel grid form a gradient. It is mostly green, but it also has some blue, a bit of cyan, and a tiny bit of indigo in it.
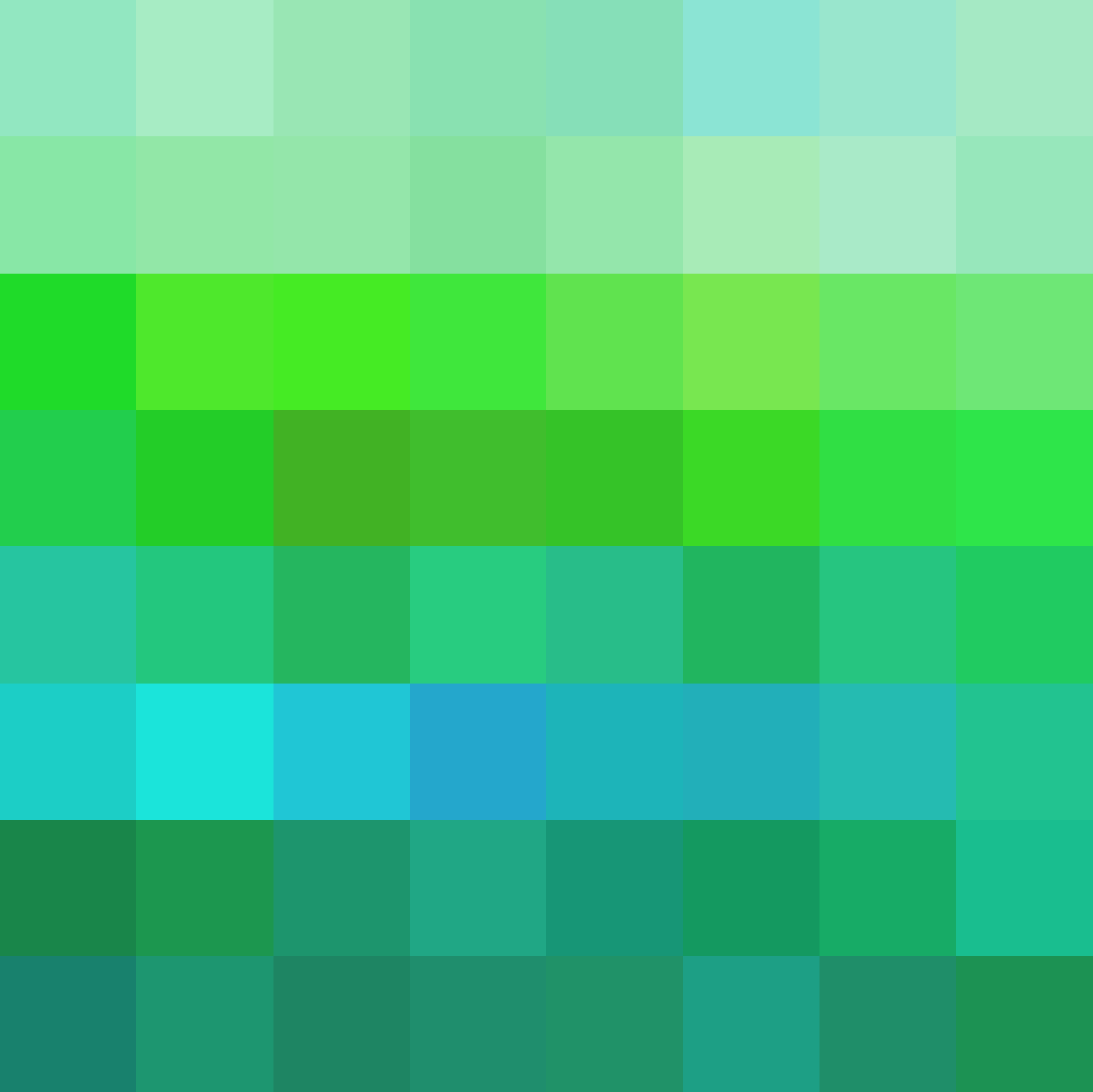
Here's a 6 by 6 pixelated grid that forms a two tone gradient. It is mostly green, and it also has a little bit of orange in it.
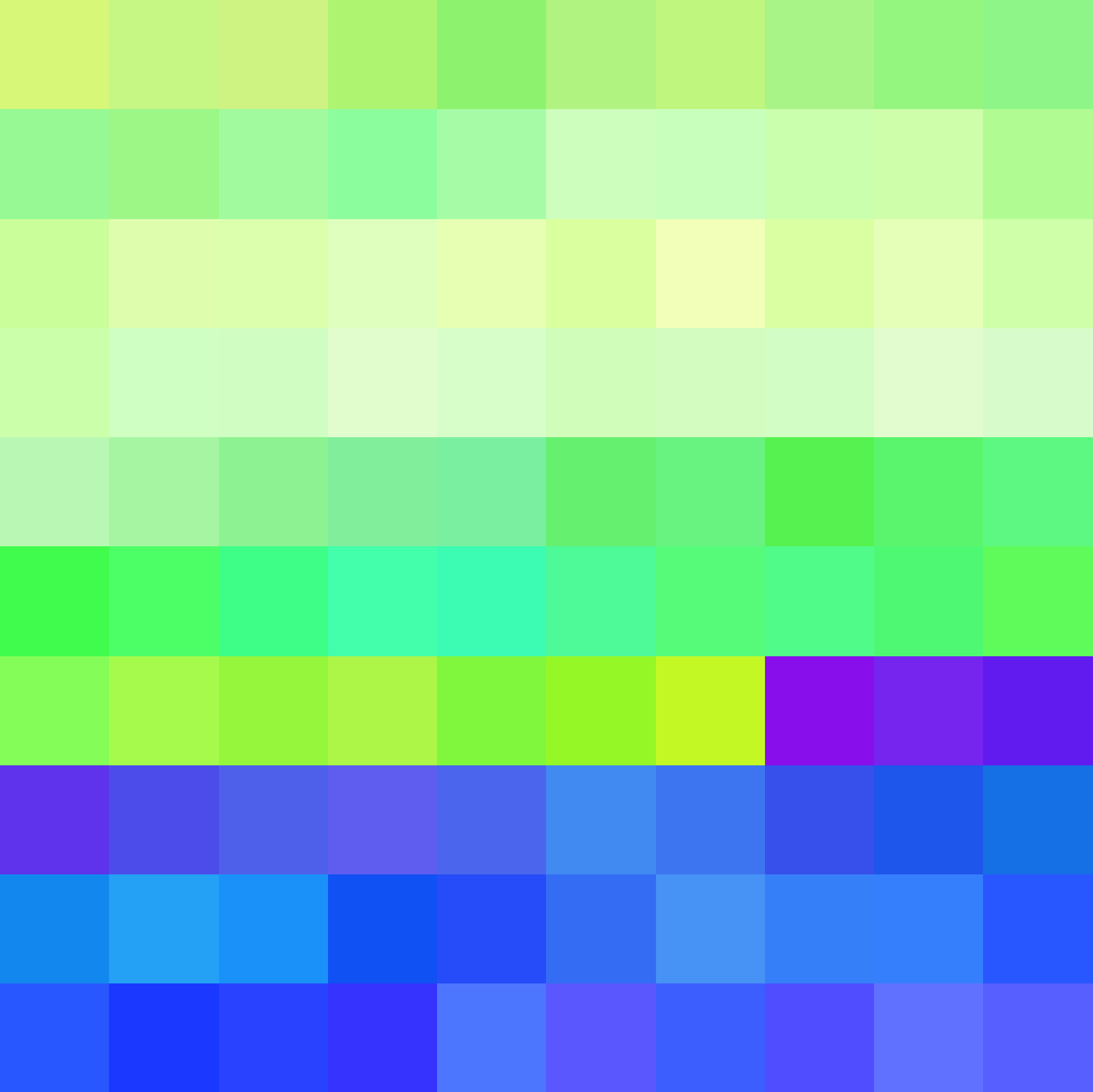
This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, but it also has quite some blue, a little bit of indigo, a little bit of lime, a tiny bit of purple, and a tiny bit of violet in it.
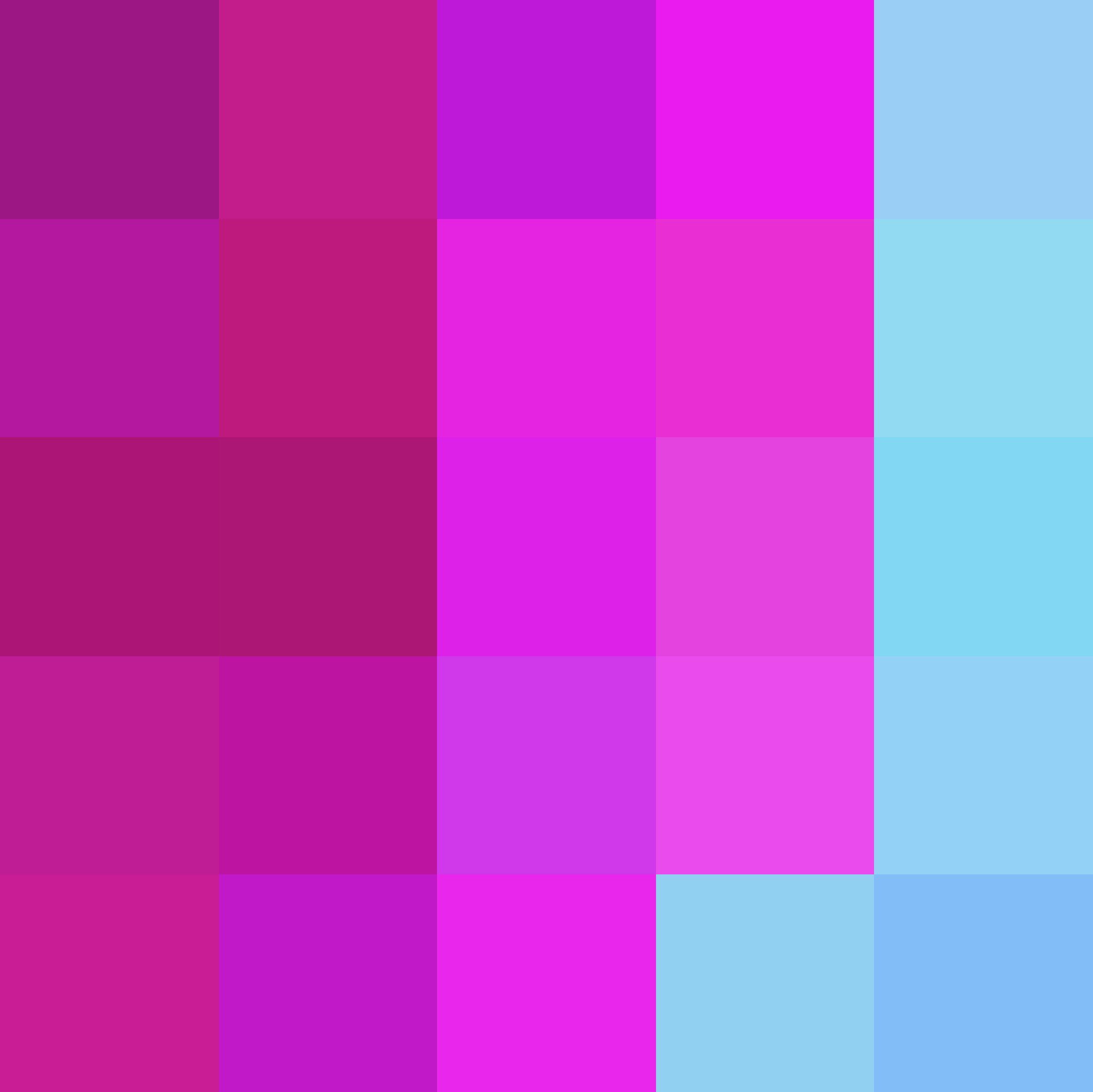
The gradient in this 5 by 5 pixel grid is mostly magenta, but it also has quite some blue, and a little bit of purple in it.

Here's an 8 by 8 pixelated grid that forms a two tone gradient. It is mostly green, and it also has quite some cyan in it.

This colourful gradient, generated in this 10 by 10 pixel grid, is mostly yellow, and it also has quite some orange, some red, some lime, and a bit of green in it.
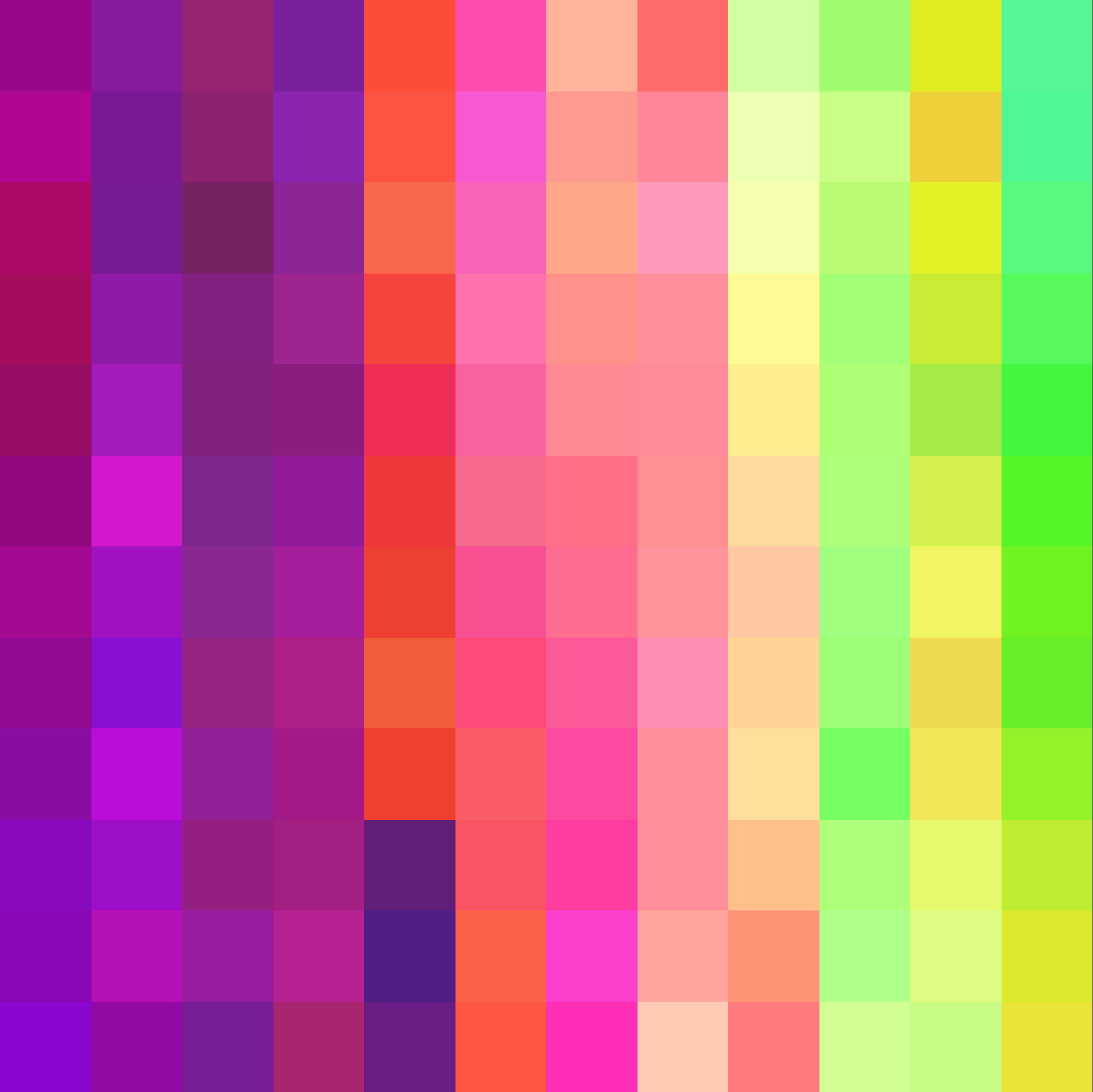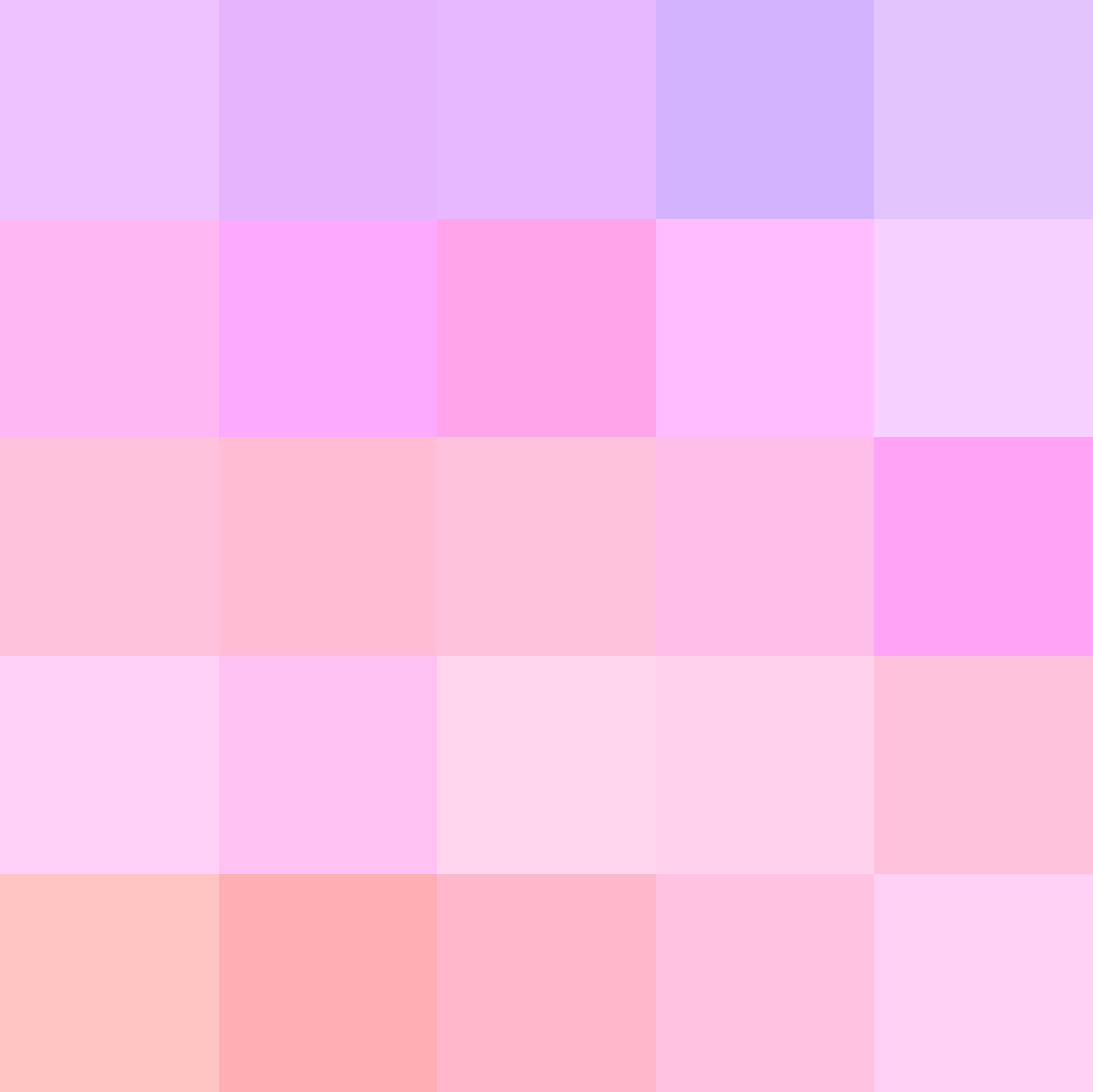
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly red, but it also has quite some magenta, some green, some purple, a bit of yellow, a little bit of orange, a little bit of lime, a tiny bit of rose, and a tiny bit of violet in it.
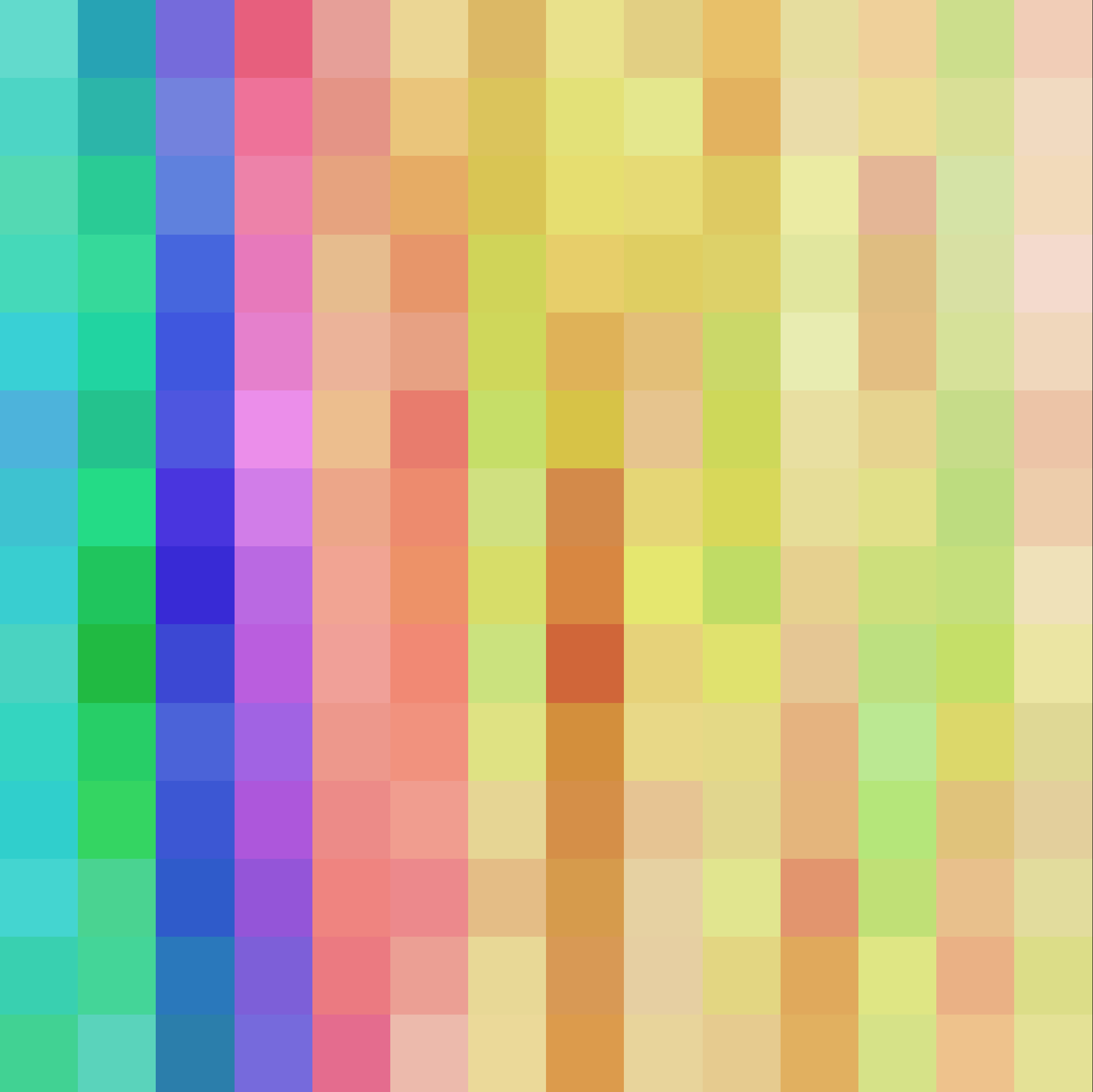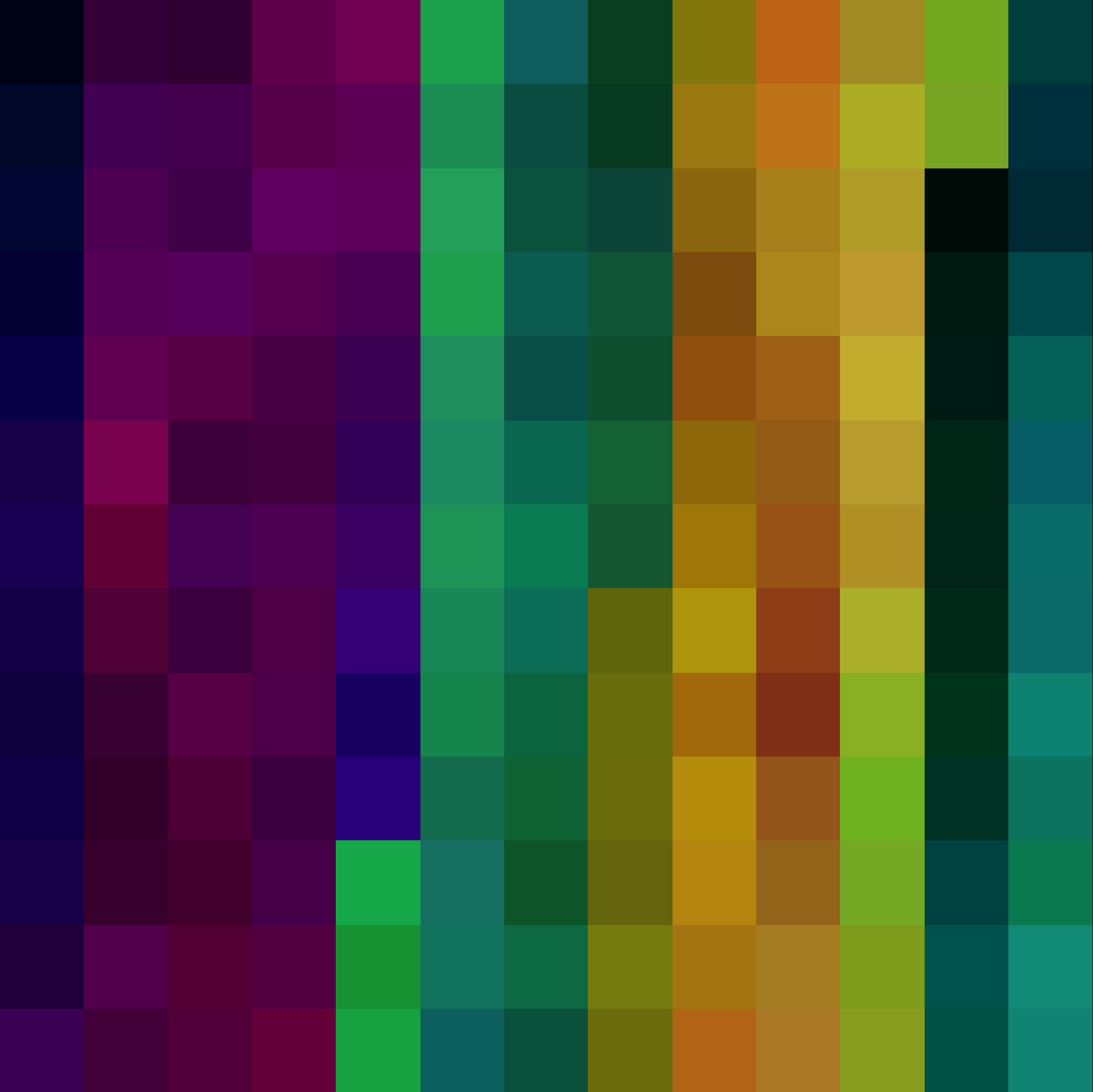
There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly yellow, but it also has quite some orange, a bit of red, a bit of green, a bit of cyan, a little bit of blue, a little bit of lime, a little bit of indigo, a tiny bit of purple, a tiny bit of magenta, a tiny bit of rose, and a tiny bit of violet in it.
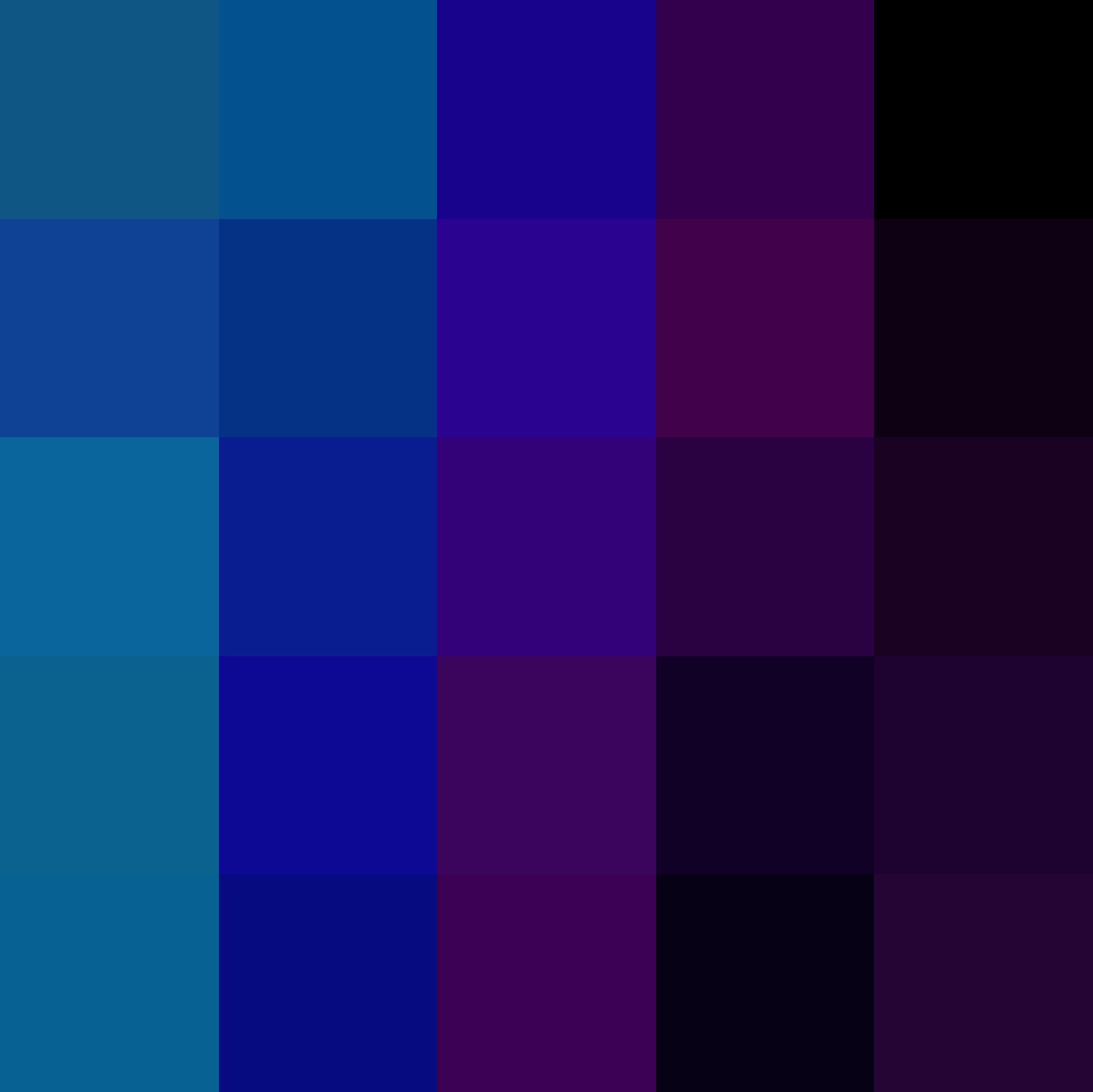
Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly blue, but it also has quite some purple, some indigo, some violet, and a little bit of magenta in it.

There's a colourful pixel gradient in this 5 by 5 grid. It is mostly magenta, and it also has quite some rose, quite some purple, a bit of red, and a little bit of violet in it.
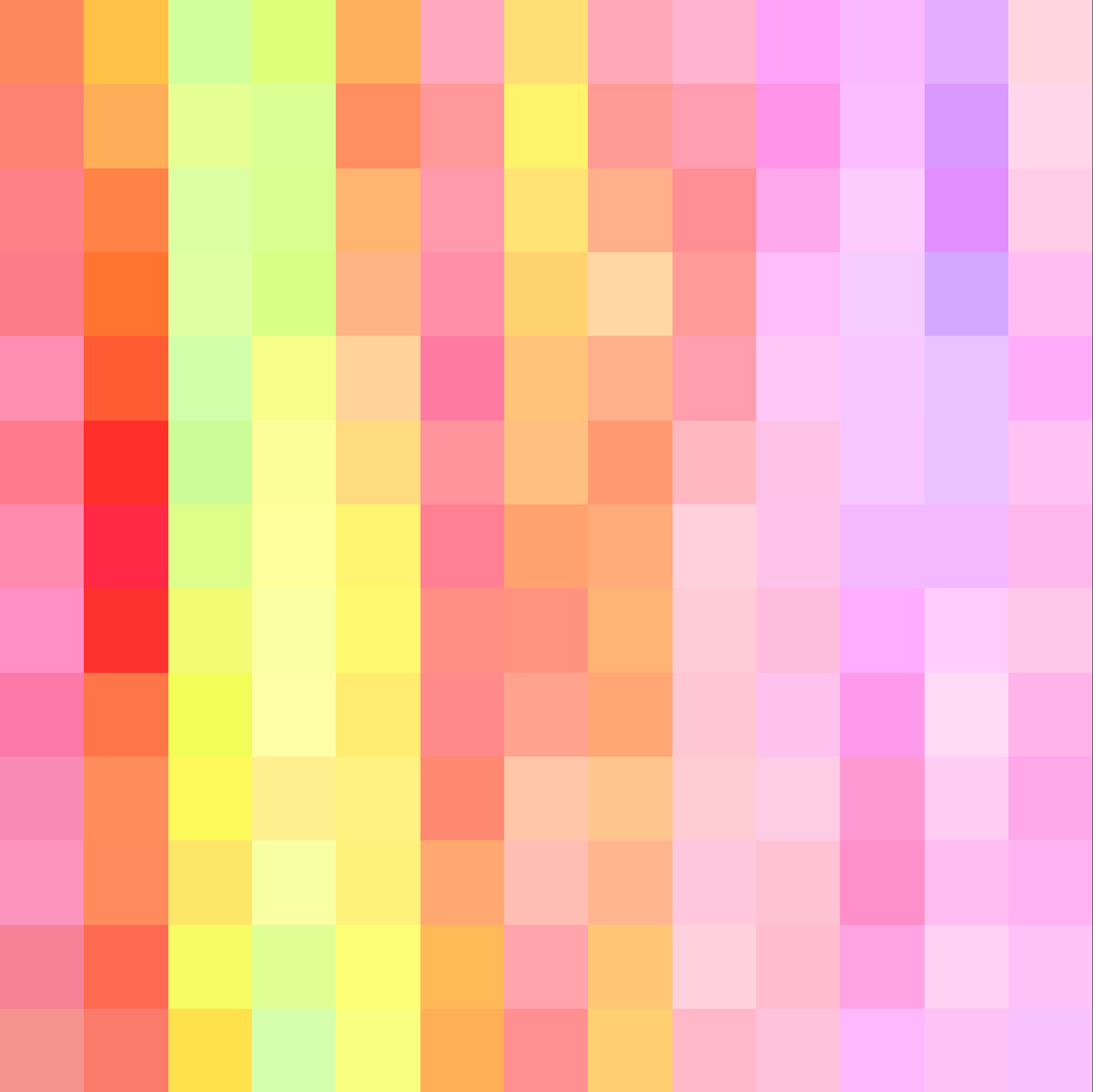
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly magenta, and it also has quite some green, some cyan, some orange, a bit of yellow, a little bit of indigo, a little bit of purple, a tiny bit of blue, a tiny bit of lime, a tiny bit of rose, a tiny bit of violet, and a tiny bit of red in it.

A very colourful grid of 225 blocks. It's mostly red, but it also has quite some orange, quite some green, some yellow, a bit of lime, and a tiny bit of rose in it.
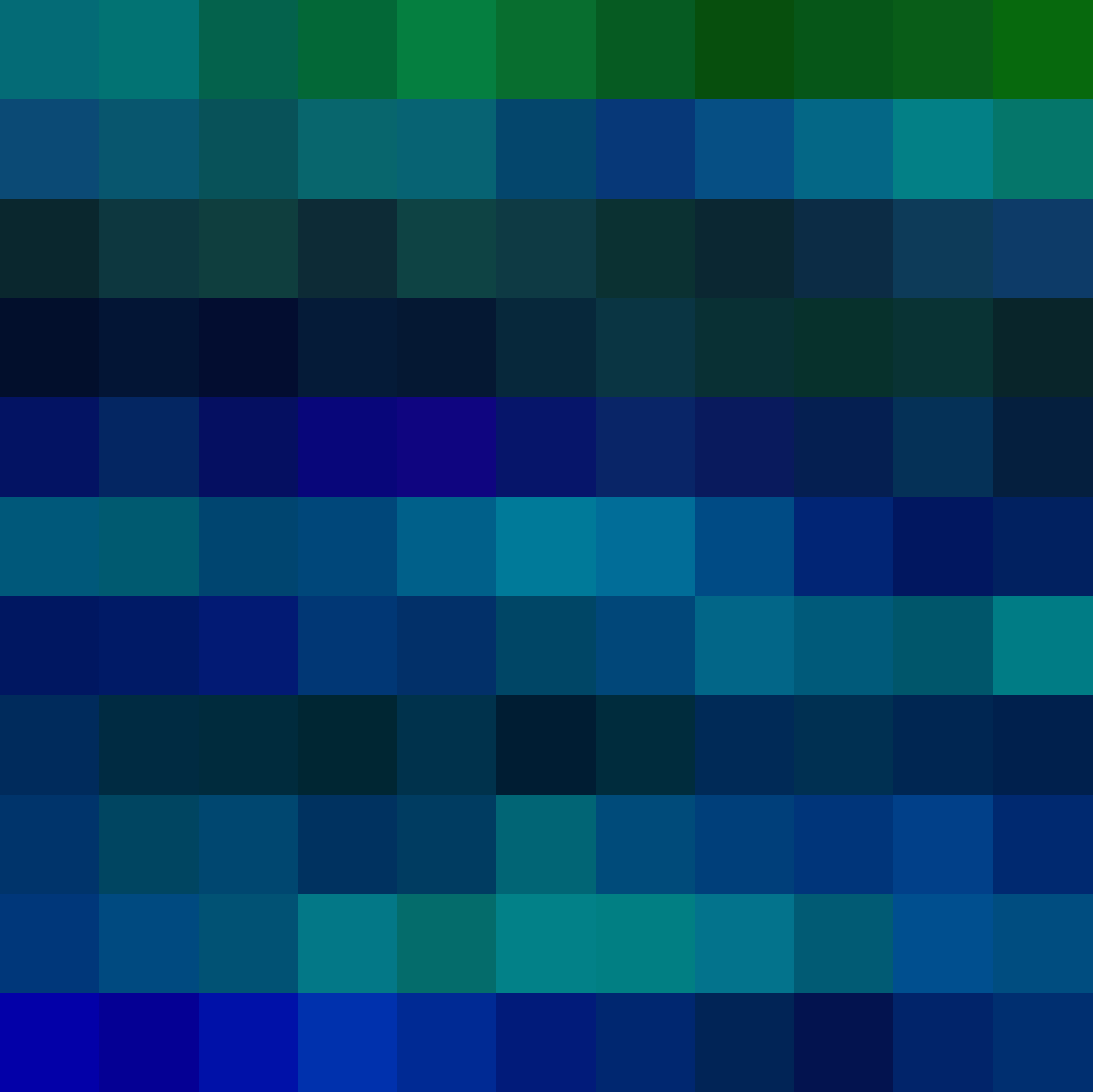
This gradient, generated in this 11 by 11 pixel grid, is mostly blue, but it also has quite some cyan, a bit of green, and a little bit of indigo in it.
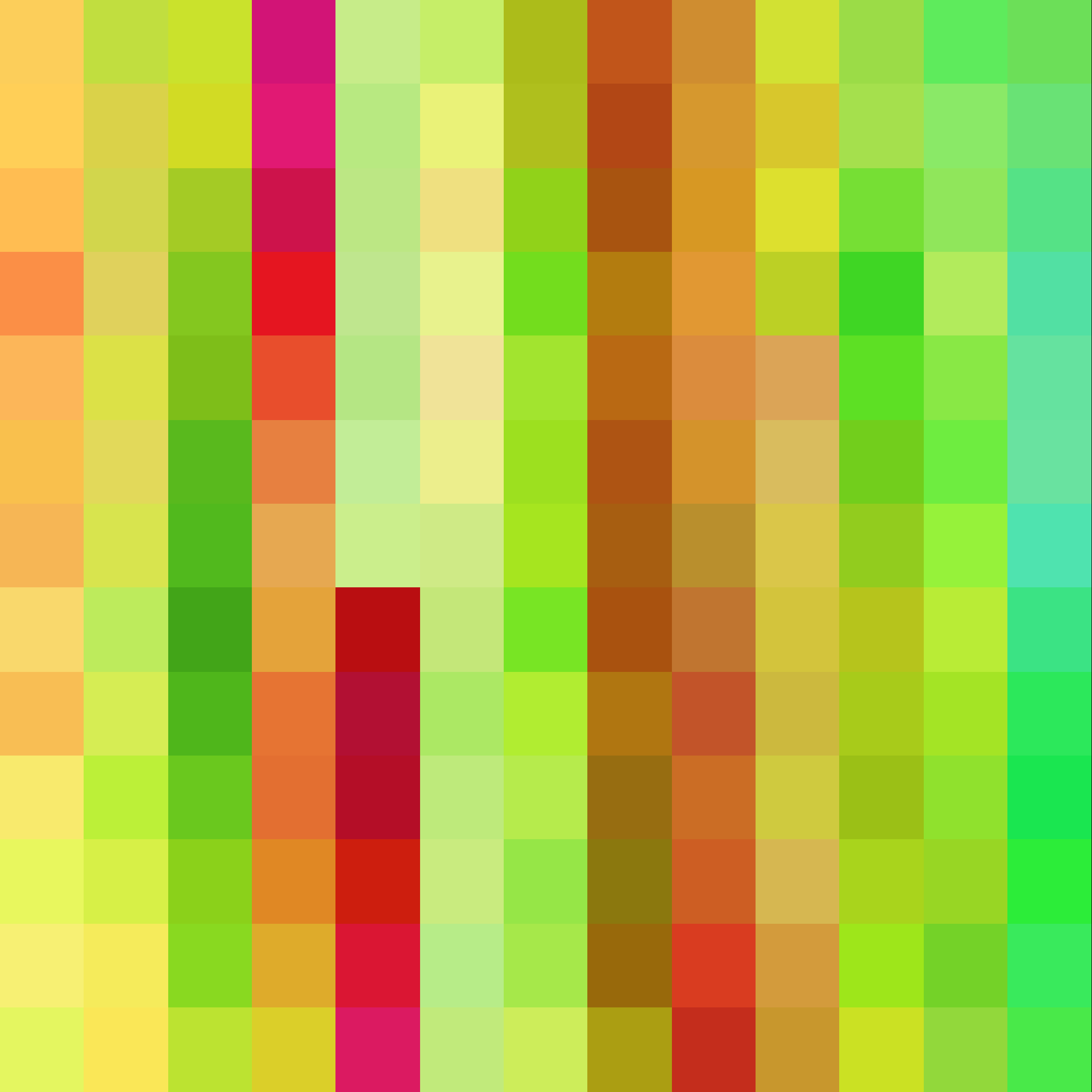
A 13 by 13 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has some orange, some yellow, a little bit of green, and a little bit of lime in it.

This very, very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly cyan, but it also has quite some blue, some magenta, a bit of violet, a bit of indigo, a little bit of purple, a little bit of green, a little bit of rose, and a tiny bit of red in it.
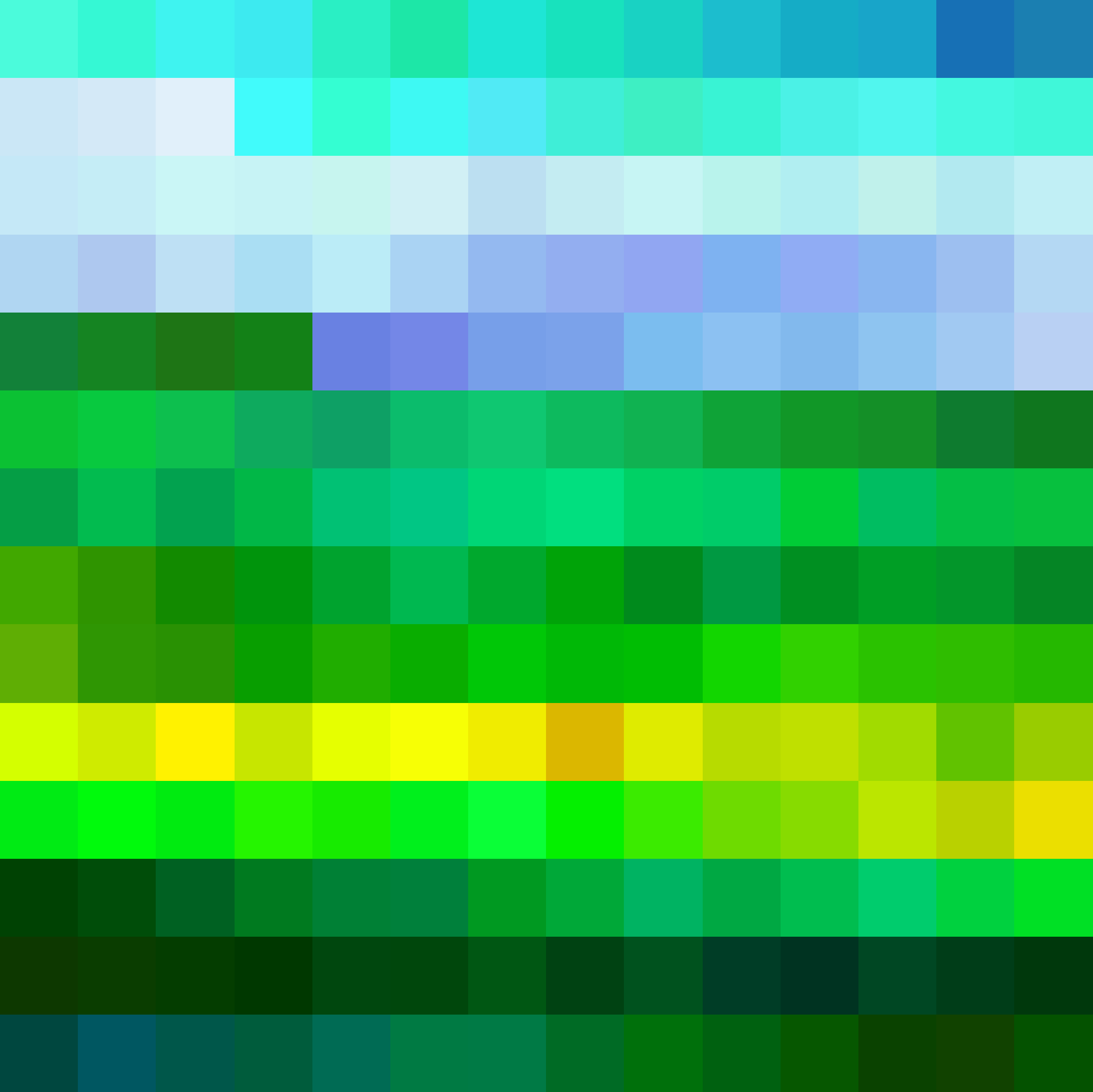
A grid with 196 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has quite some cyan, some blue, a bit of yellow, and a tiny bit of lime in it.

A colourful grid of 169 blocks. It's mostly green, but it also has quite some orange, quite some yellow, a bit of lime, and a bit of red in it.
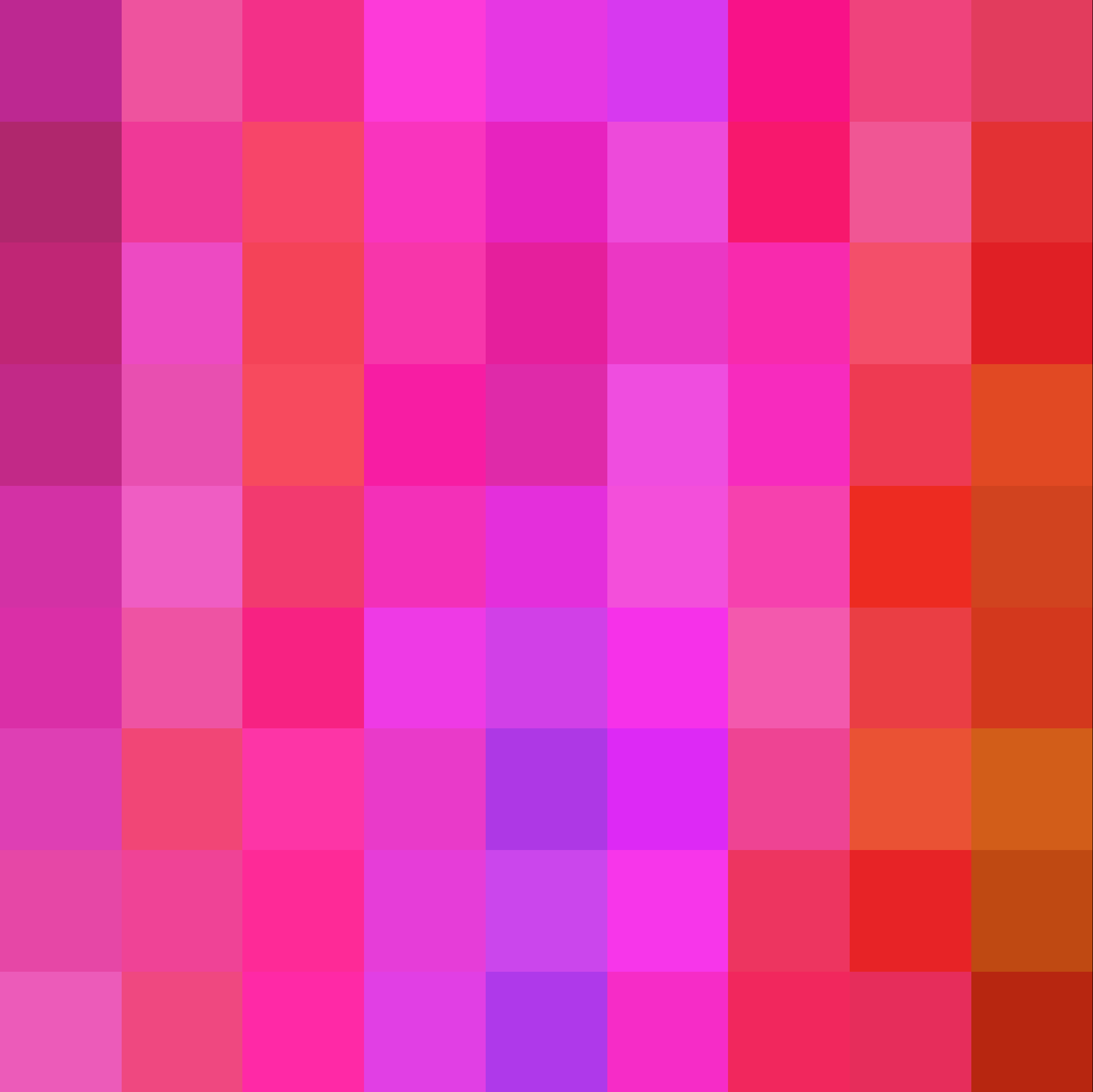
A grid with 81 coloured squares that form a
colourful gradient. The colours are various
shades of mostly magenta, and it also has quite
some rose, quite some red, a little bit of purple,
and a tiny bit of orange in it.
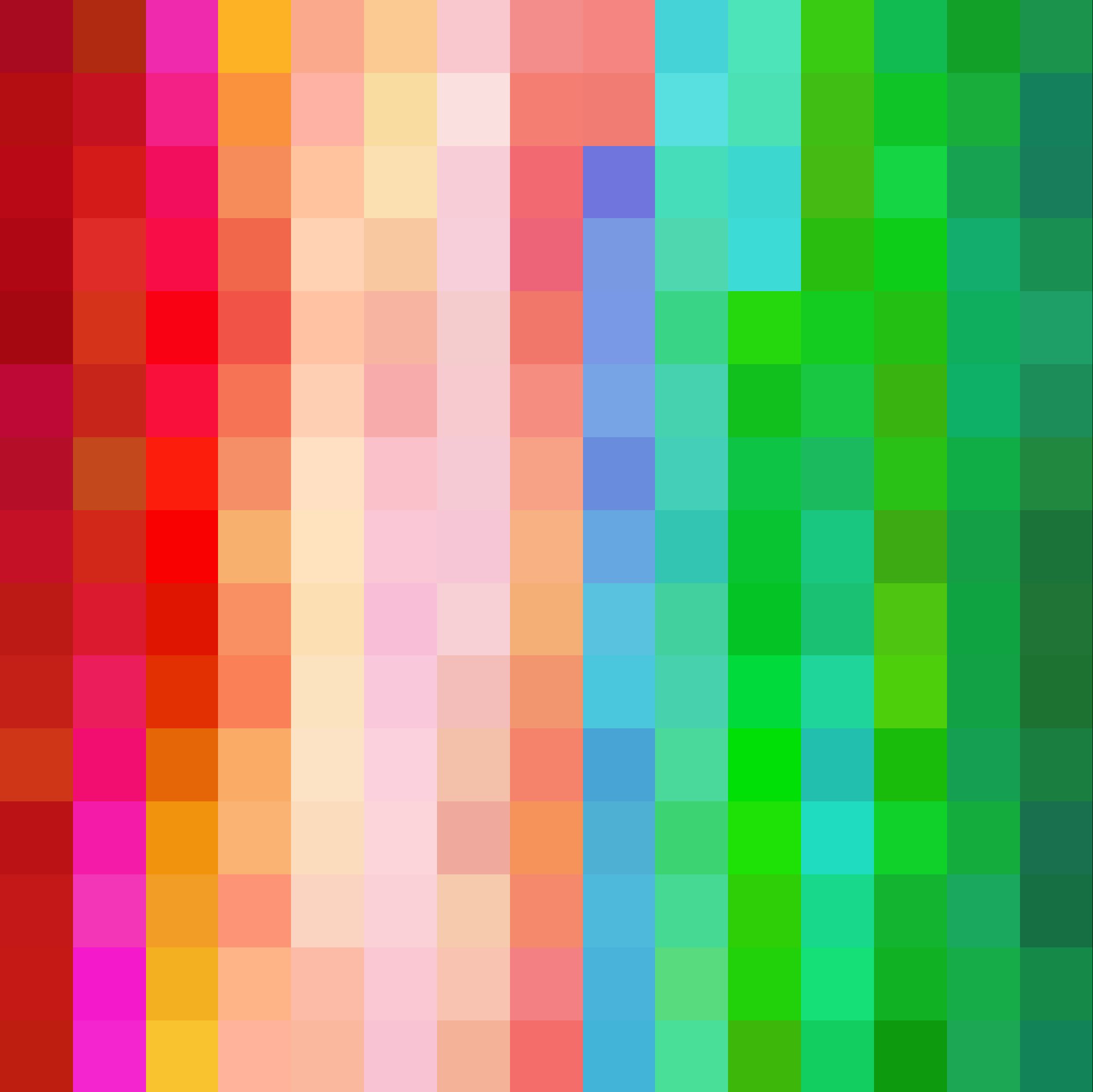
A very colourful grid of 225 blocks. It's mostly green, and it also has quite some red, some orange, a little bit of cyan, a little bit of rose, a little bit of blue, and a tiny bit of magenta in it.

The cells in this 5 by 5 pixel grid form a gradient. It is mostly orange, and it also has quite some red, and a little bit of yellow in it.
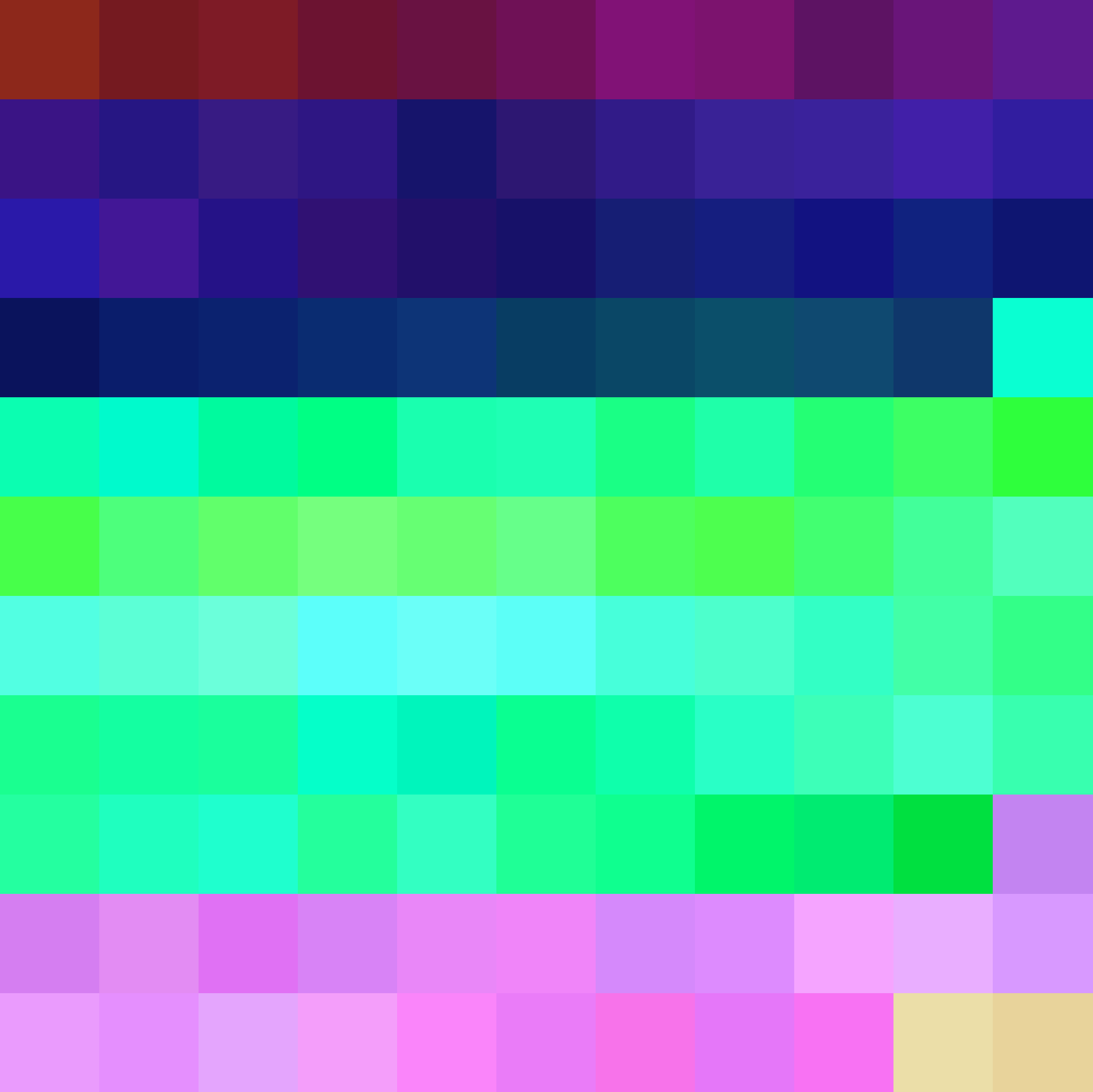
The cells in this 11 by 11 pixel grid form a very colourful gradient. It is mostly red, but it also has quite some green, some cyan, some purple, a bit of magenta, a tiny bit of yellow, and a tiny bit of orange in it.

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

A very colourful grid of 196 blocks. It's mostly green, but it also has quite some yellow, some blue, some lime, a bit of cyan, and a tiny bit of orange in it.
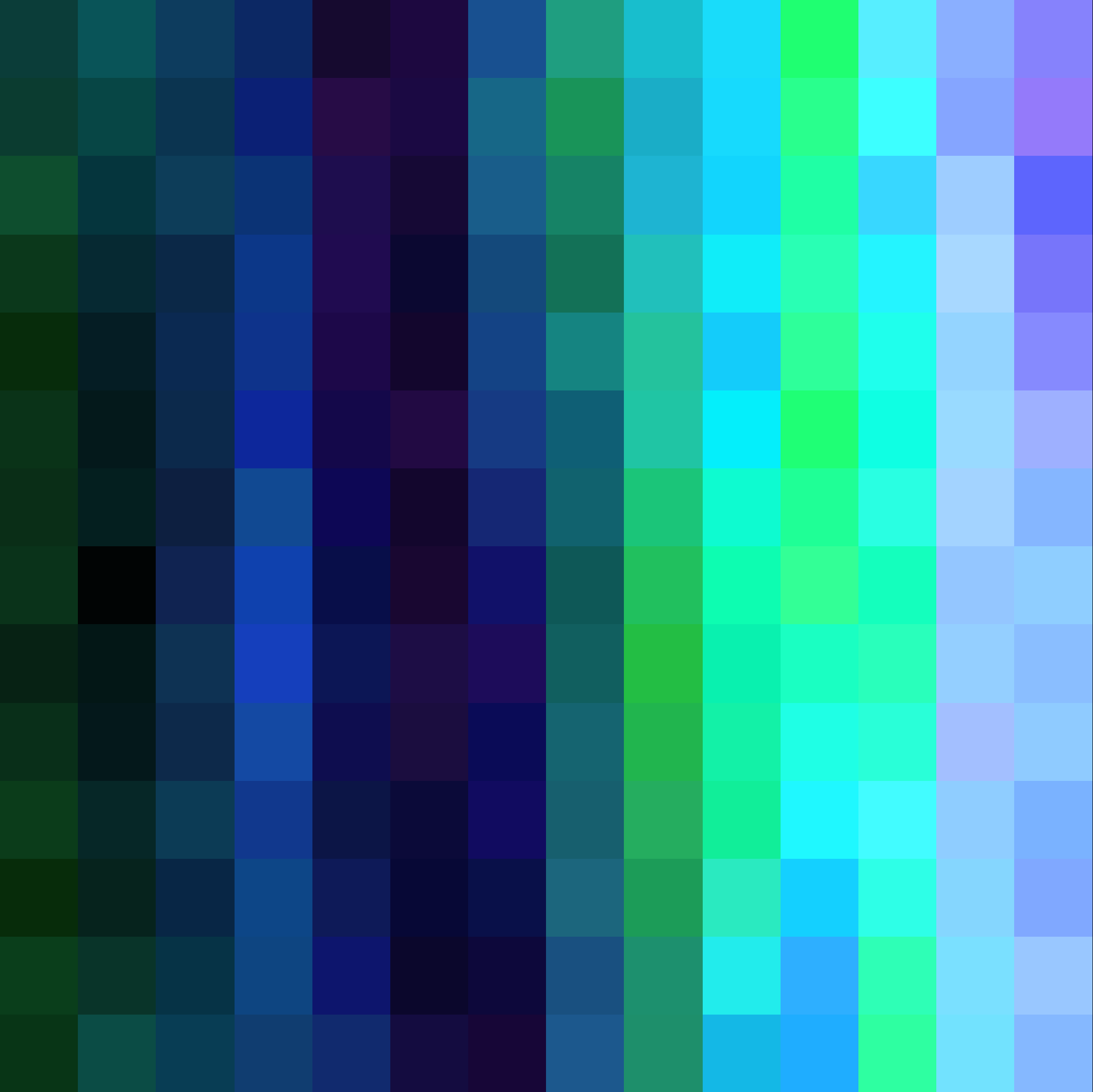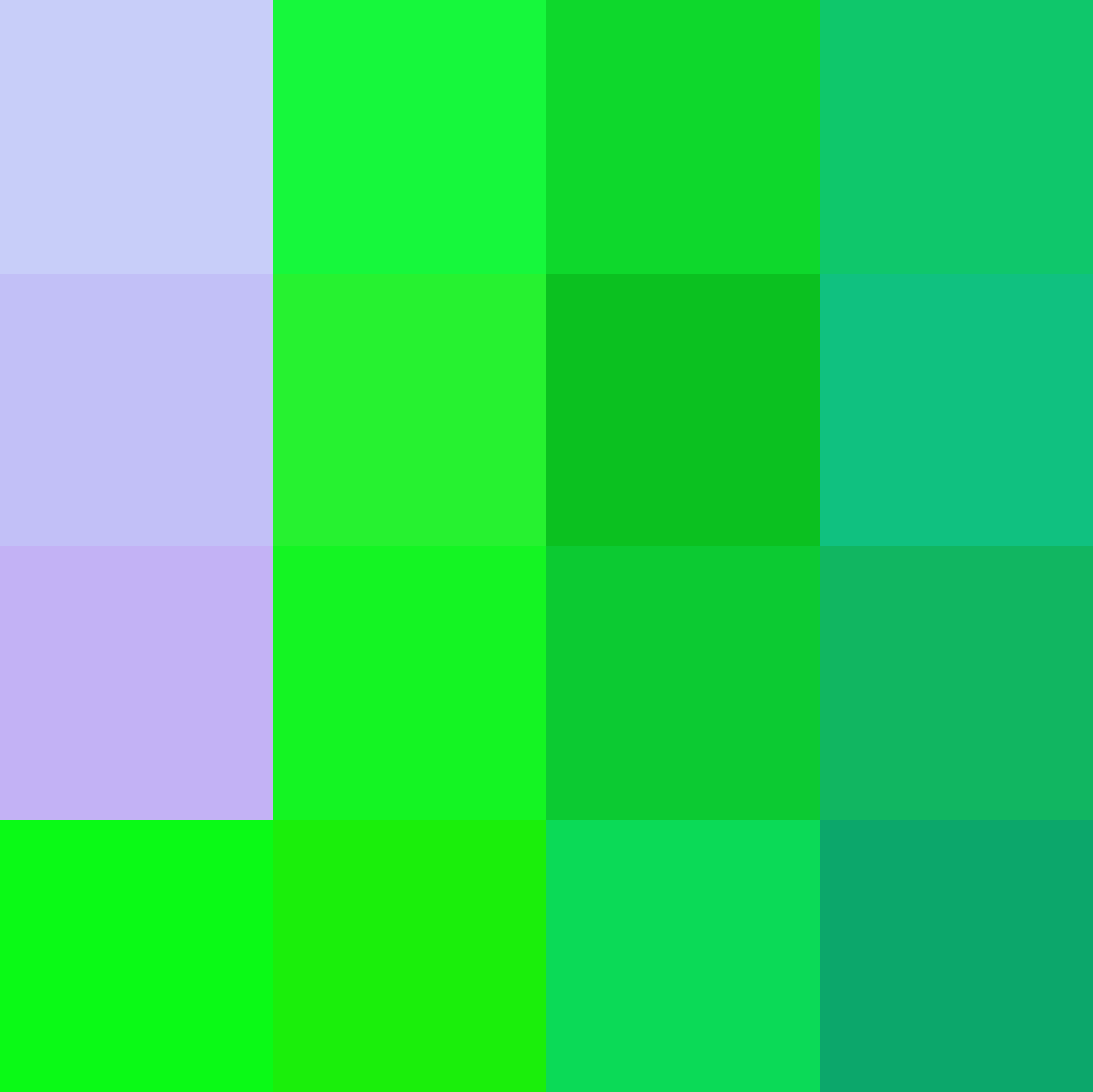
The colourful gradient in this 14 by 14 pixel grid is mostly blue, but it also has quite some cyan, some green, some indigo, and a tiny bit of violet in it.
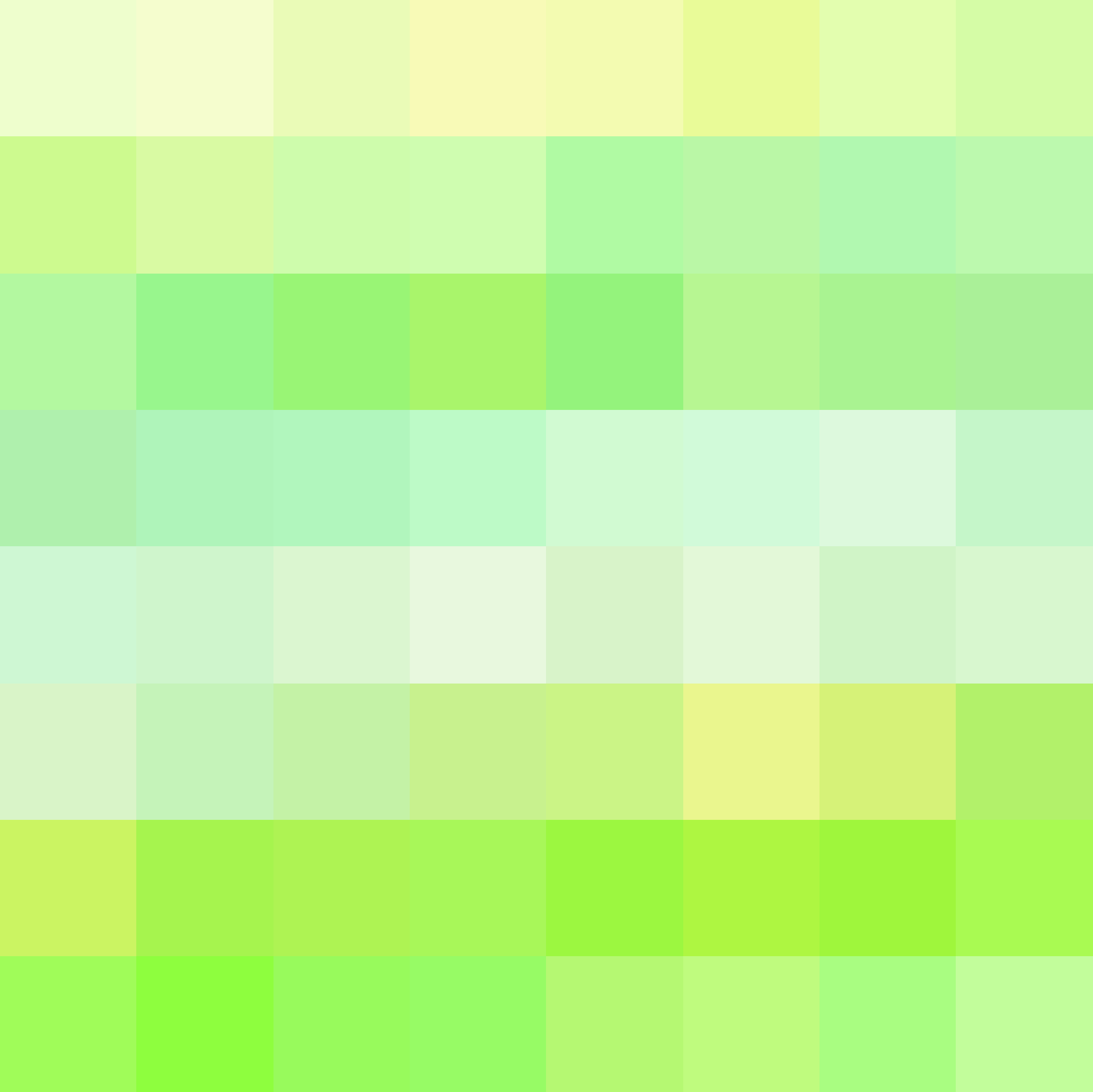
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has a bit of lime, and a little bit of yellow in it.
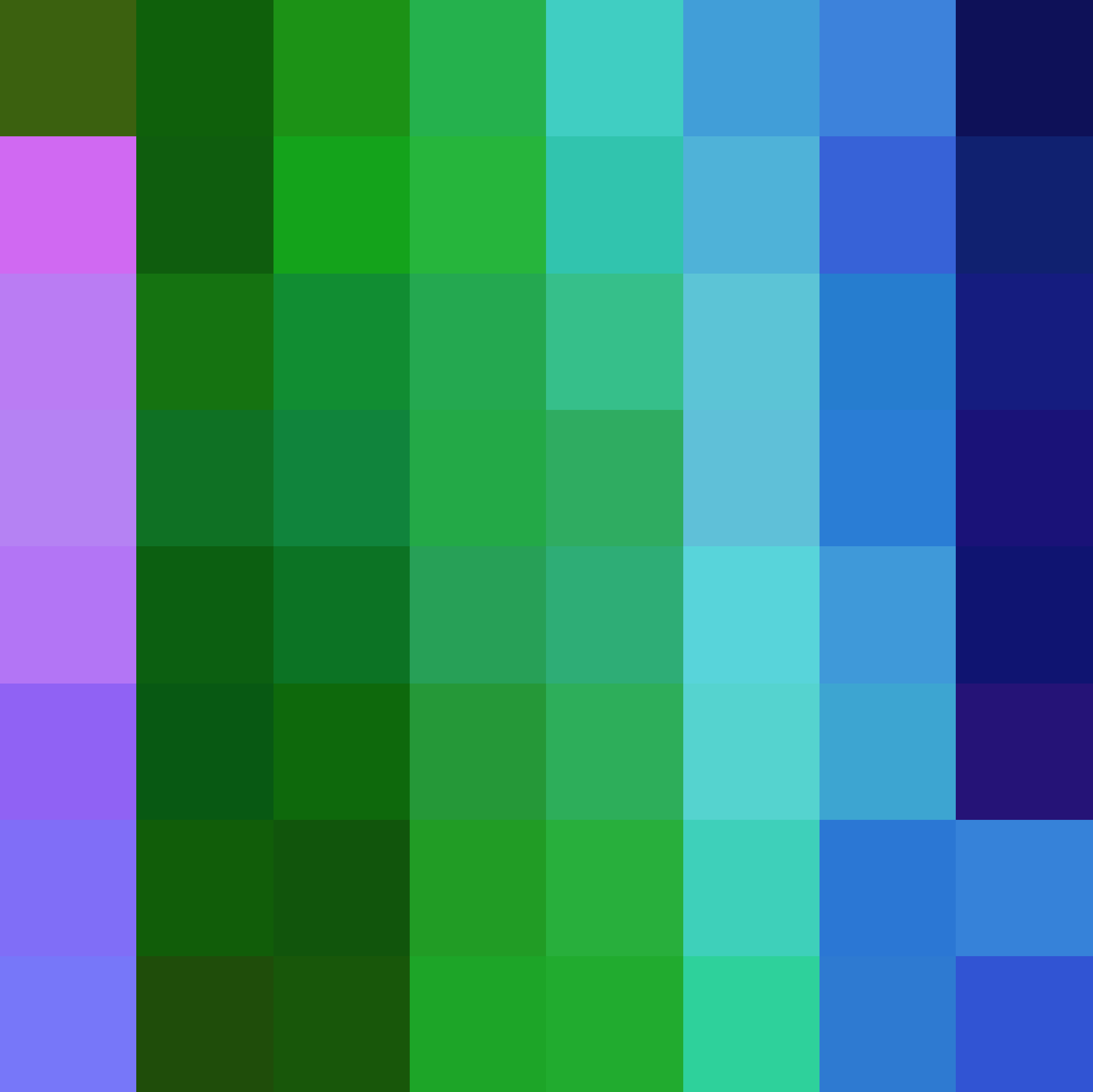
This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly green, but it also has quite some blue, some cyan, a little bit of indigo, a little bit of violet, and a little bit of purple in it.

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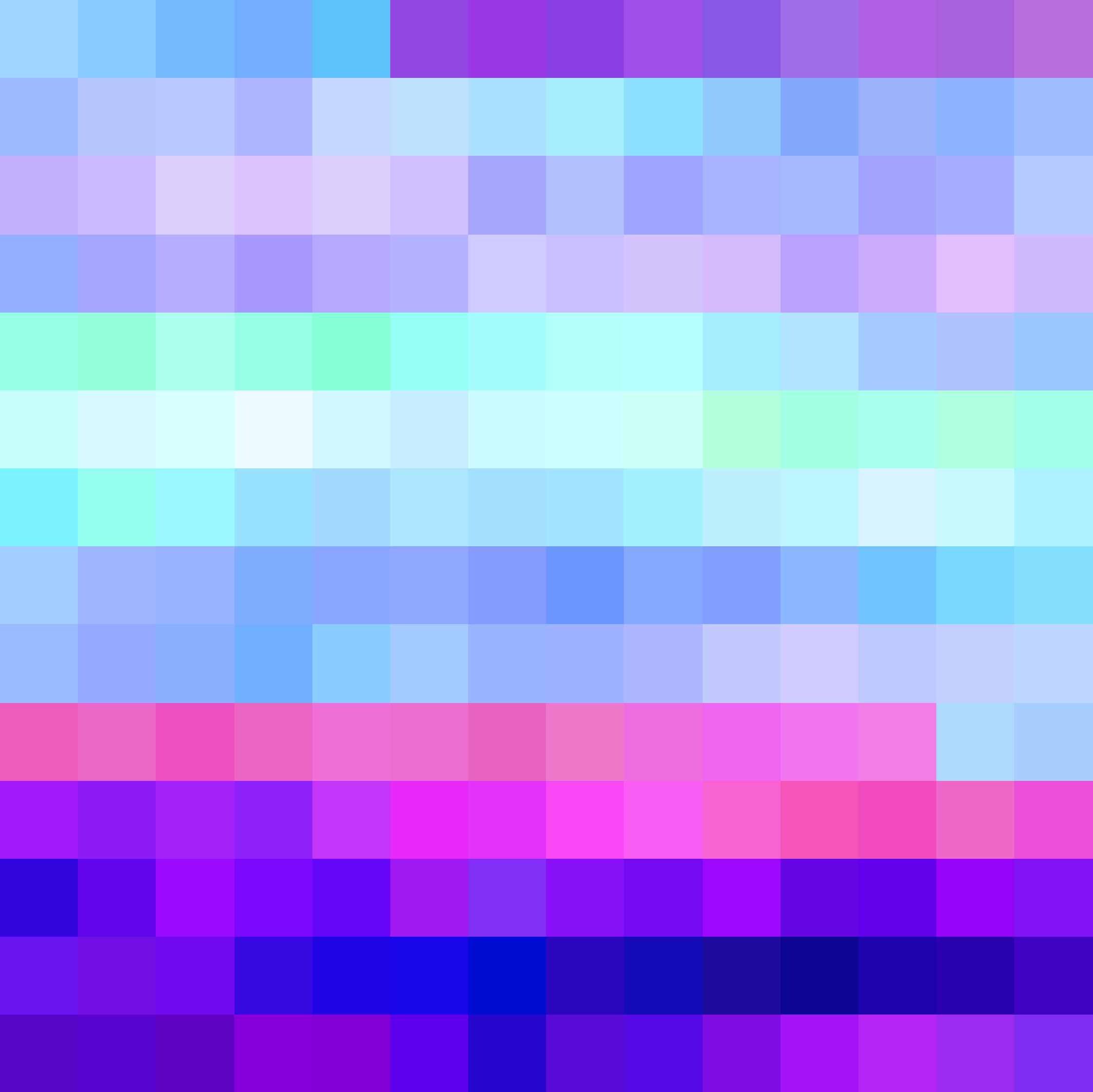little bit of blue in it.

This very, very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, and it also has quite some red, some cyan, some orange, a bit of indigo, a little bit of violet, a little bit of yellow, and a tiny bit of purple in it.
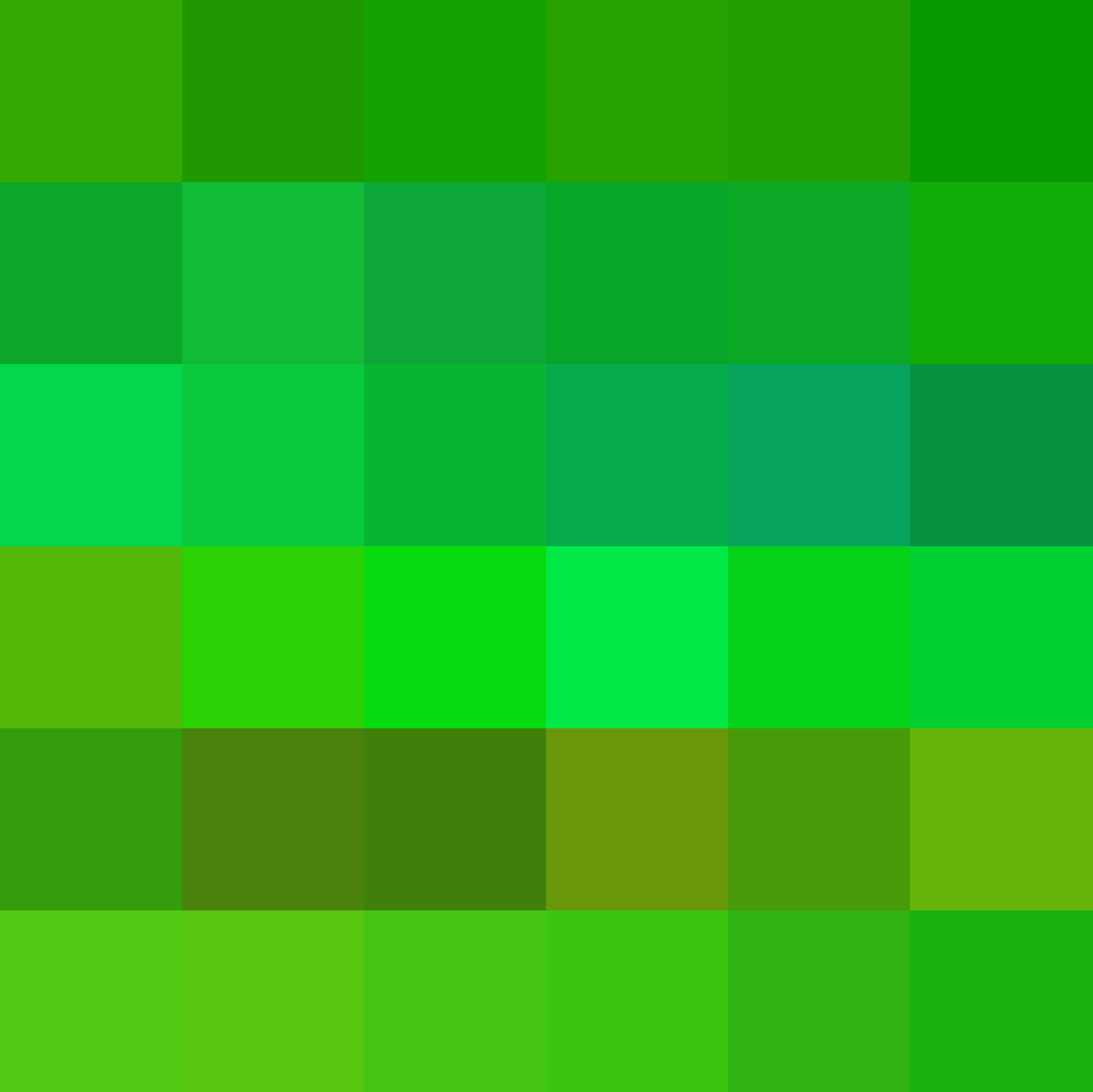
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, and it also has quite some magenta, quite some red, a bit of purple, a bit of yellow, a little bit of rose, a tiny bit of violet, and a tiny bit of lime in it.

The cells in this 8 by 8 pixel grid form a very, very colourful gradient. It is mostly red, and it also has some rose, some yellow, some lime, a bit of green, a bit of orange, a bit of cyan, a bit of blue, and a little bit of magenta in it.

There's a very colourful pixel gradient in this 14 by 14 grid. It is mostly blue, and it also has some indigo, some cyan, some violet, some purple, some magenta, and a little bit of green in it.

A grid with 36 coloured squares that form a monochrome gradient. The colours are various shades of green.
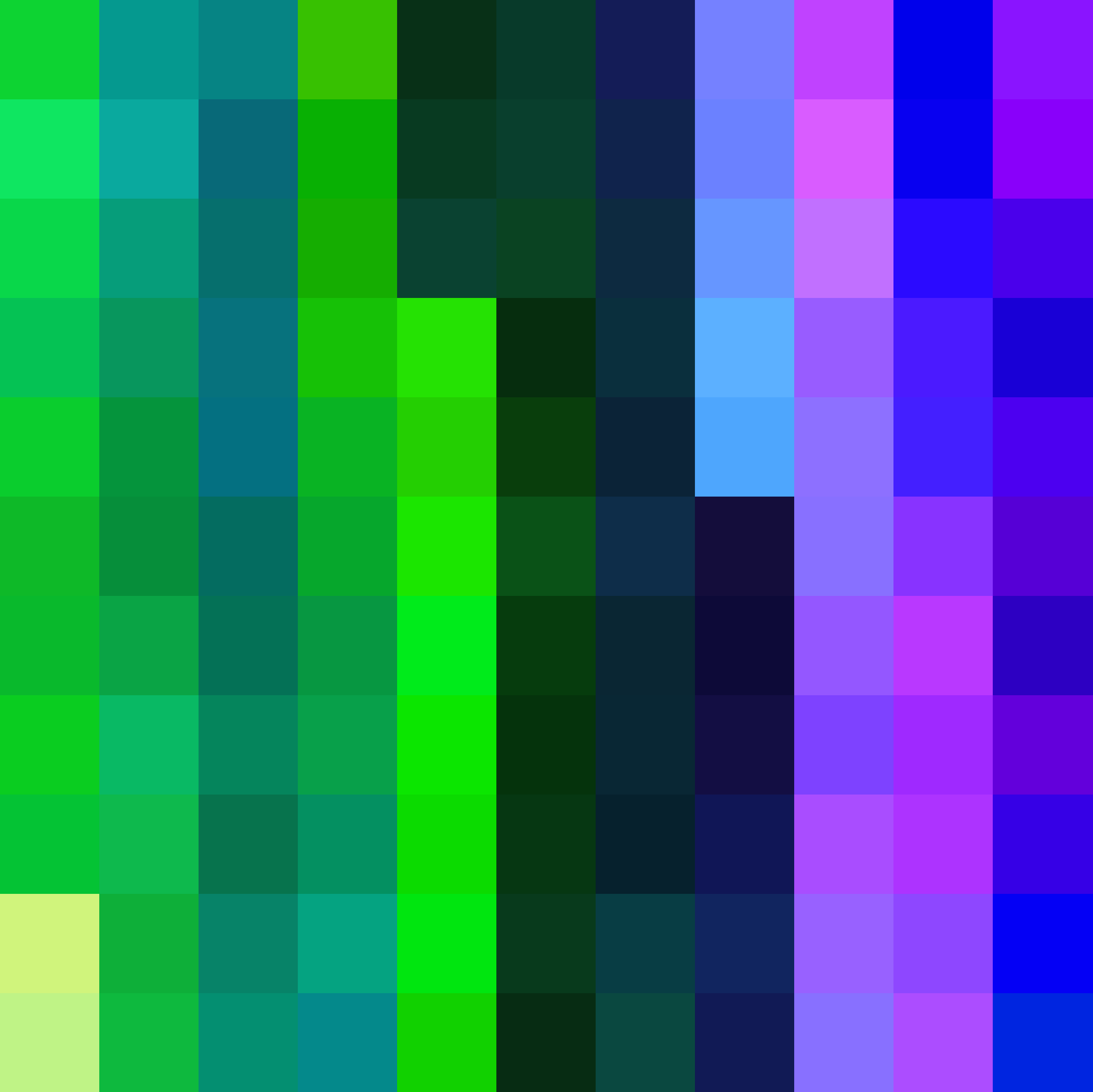
An 11 by 11 grid with coloured squares that form
a very colourful gradient. The colours are various
shades of mostly green, and it also has some
blue, some indigo, some cyan, a bit of purple, a
bit of violet, and a tiny bit of lime in it.

A very, very colourful grid of 196 blocks. It's mostly green, but it also has some red, a bit of blue, a bit of indigo, a bit of magenta, a bit of rose, a little bit of orange, a little bit of cyan, a little bit of lime, a little bit of yellow, a little bit of violet, and a little bit of purple in it.
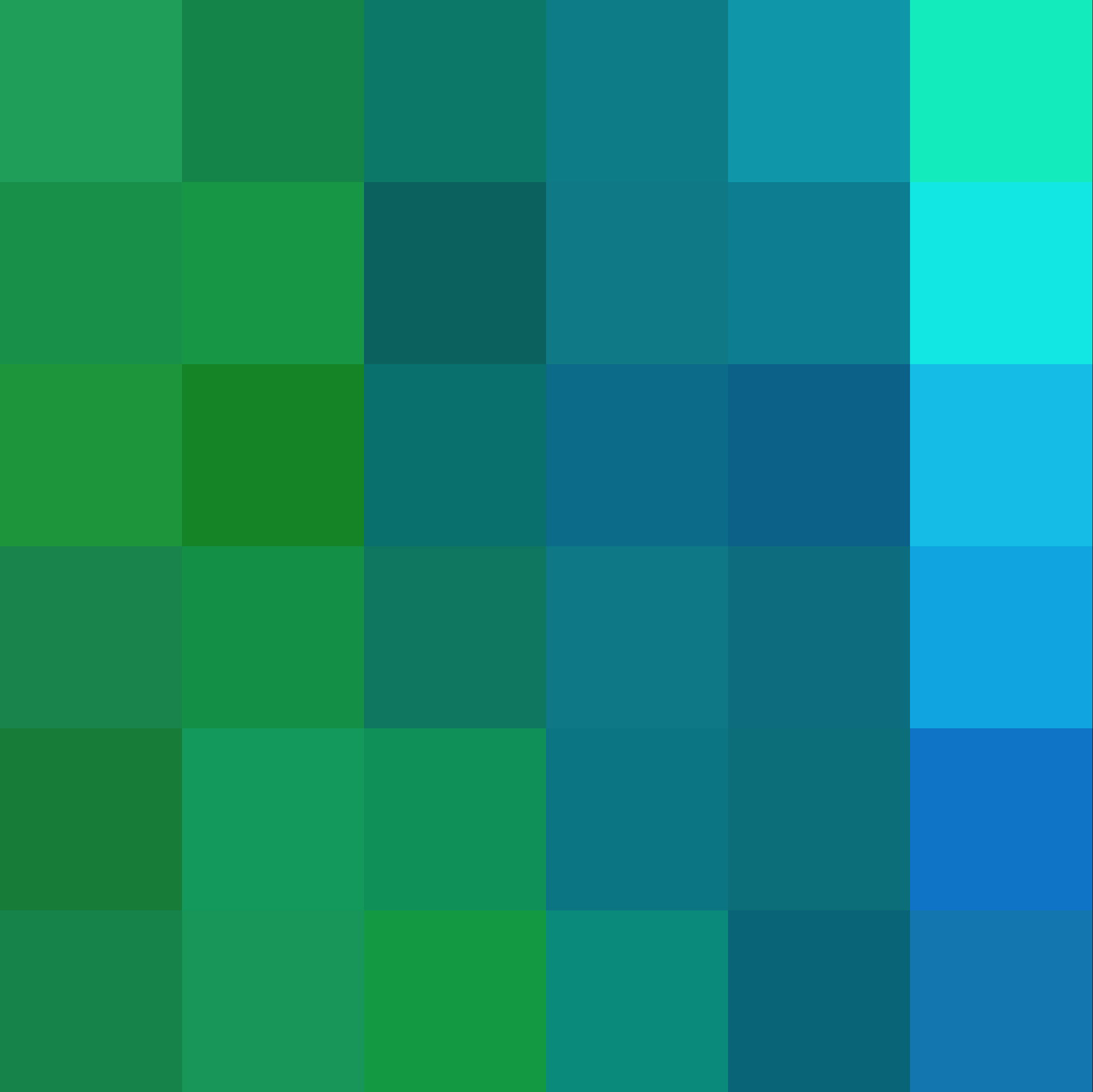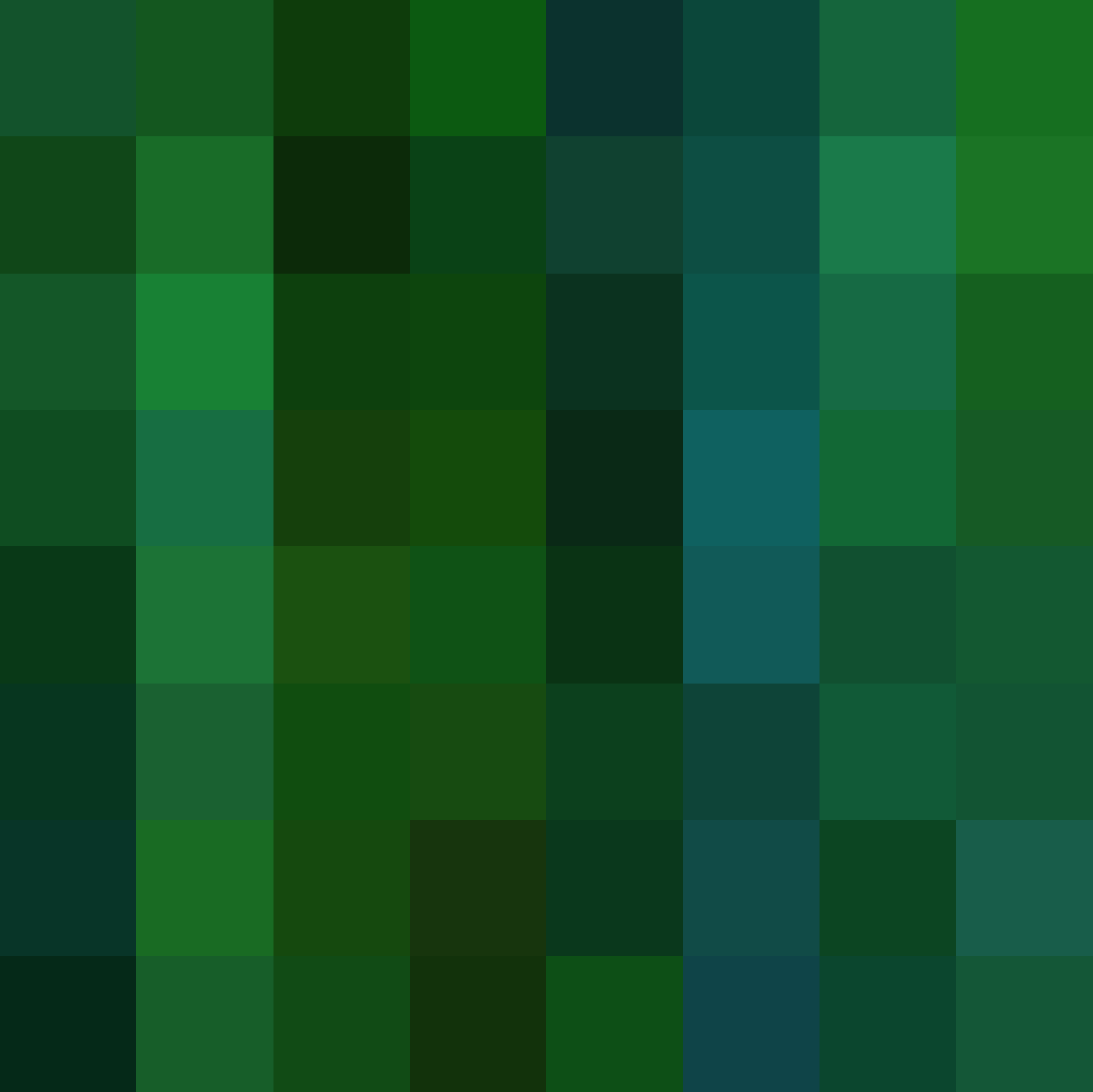
A grid of 36 blocks. It's mostly cyan, and it also has quite some green, and some blue in it.
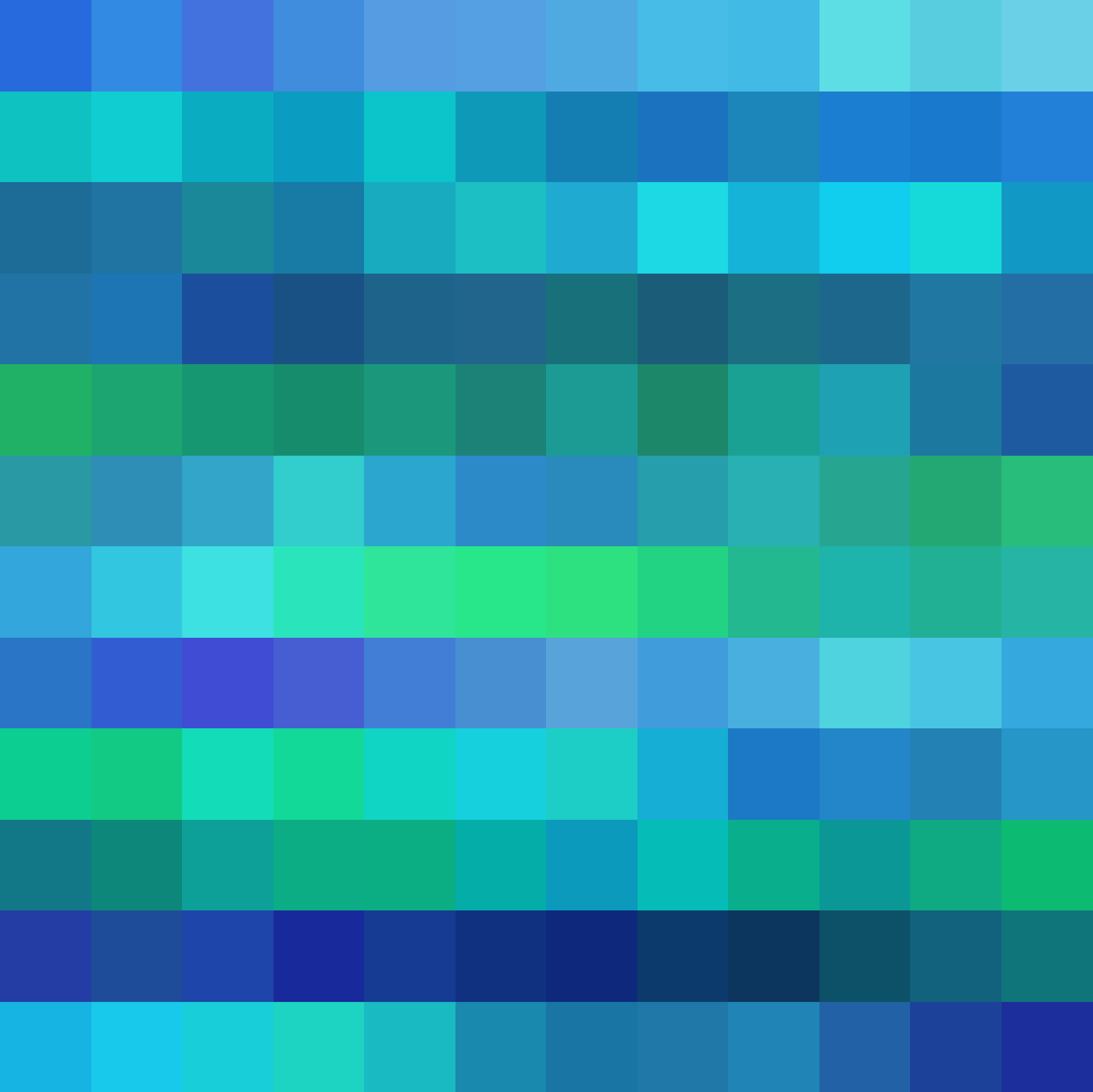
Here's a 12 by 12 pixelated grid that forms a gradient. It is mostly blue, and it also has a lot of cyan, and a bit of green in it.
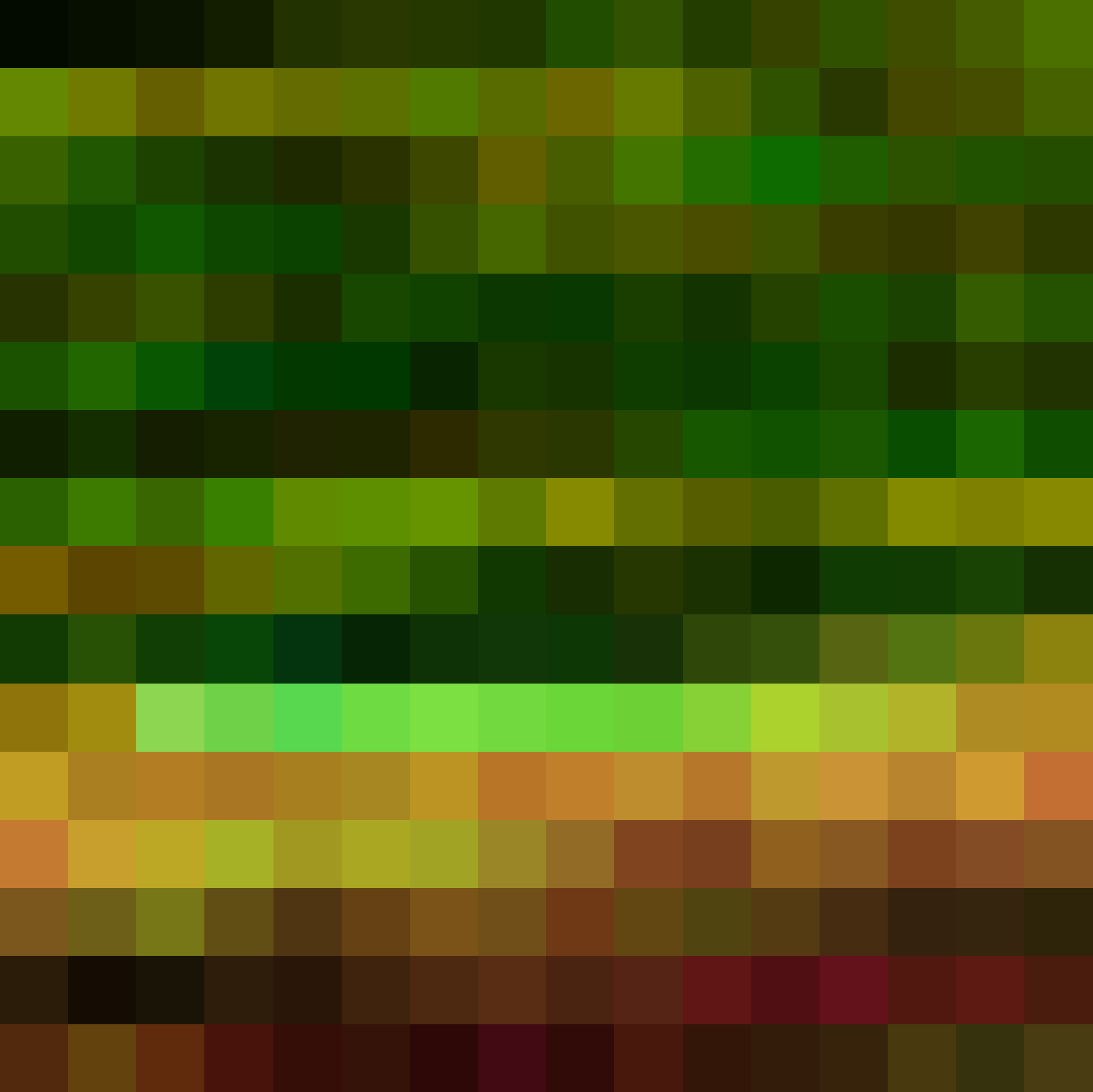
This colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has quite some orange, some yellow, some lime, and a little bit of red in it.

The two tone gradient in this 8 by 8 pixel grid is mostly green, and it also has some cyan in it.
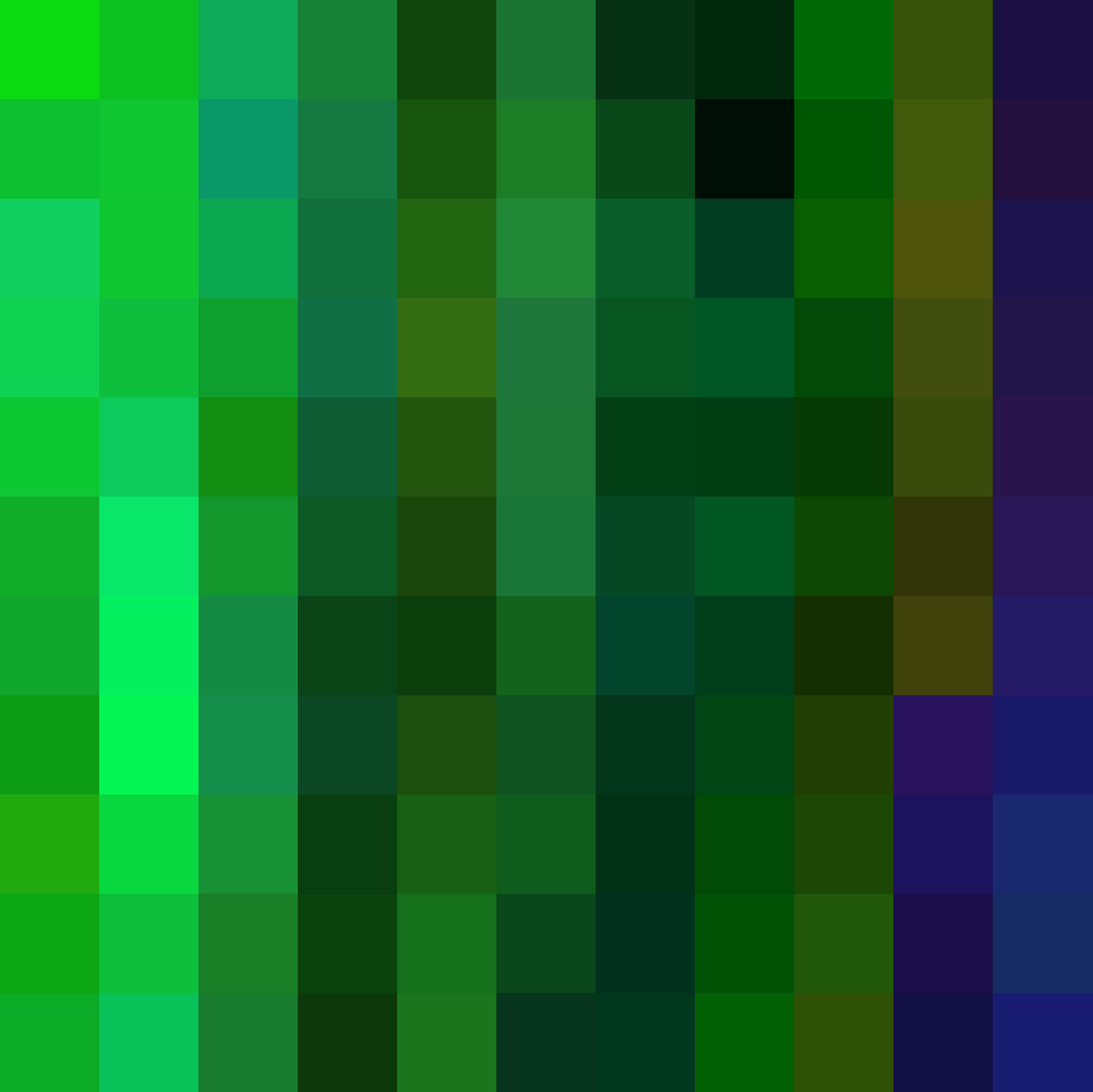
This very colourful gradient, generated in this 11 by 11 pixel grid, is mostly green, but it also has a bit of indigo, a little bit of blue, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of violet in it.

The cells in this 14 by 14 pixel grid form a colourful gradient. It is mostly yellow, but it also has quite some orange, some red, some green, and a bit of lime in it.
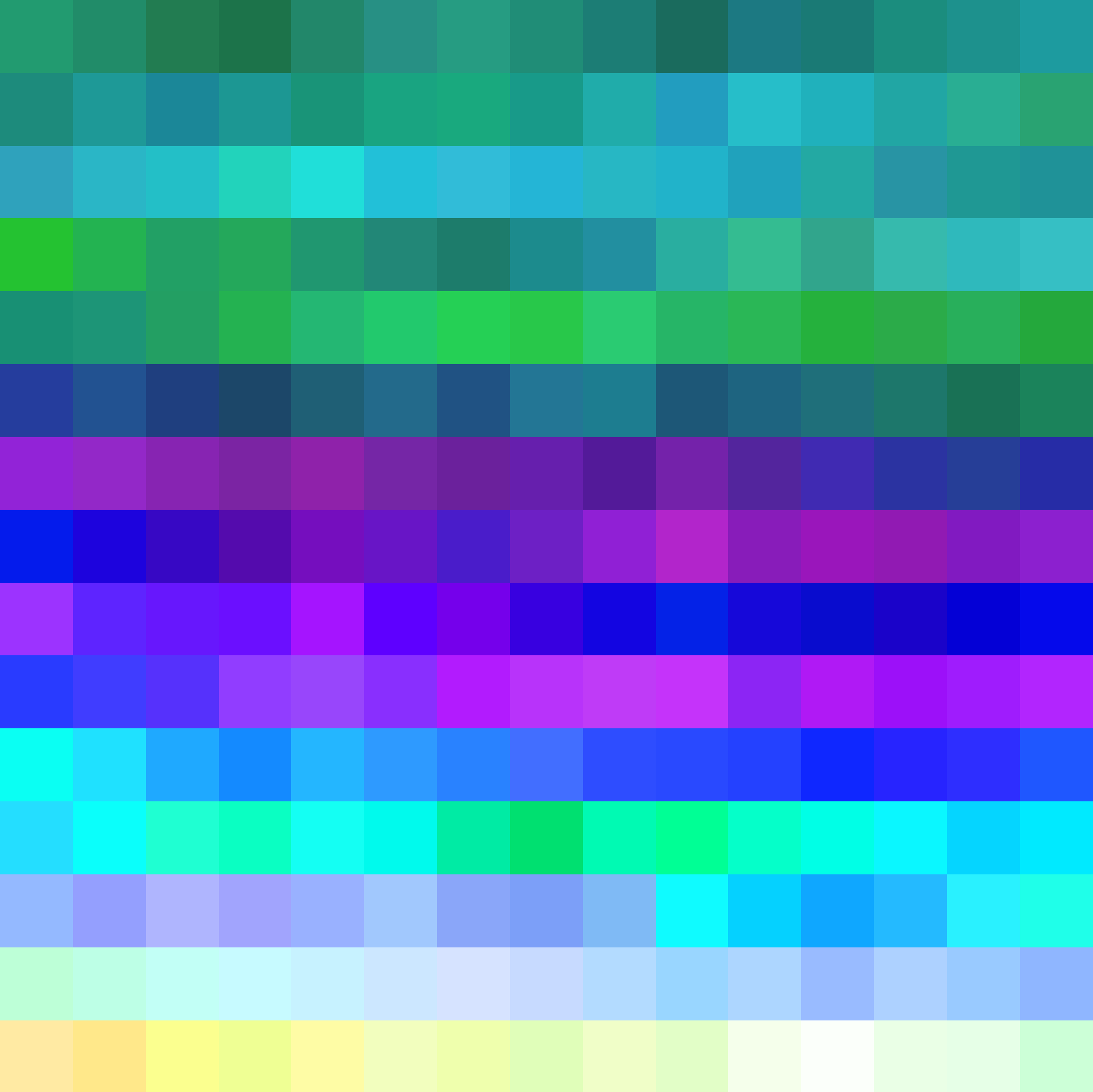
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, some green, some purple, a little bit of violet, a little bit of indigo, a tiny bit of yellow, and a tiny bit of lime in it.

There's a colourful pixel gradient in this 8 by 8 grid. It is mostly green, but it also has some cyan, a bit of yellow, a little bit of orange, and a tiny bit of lime in it.
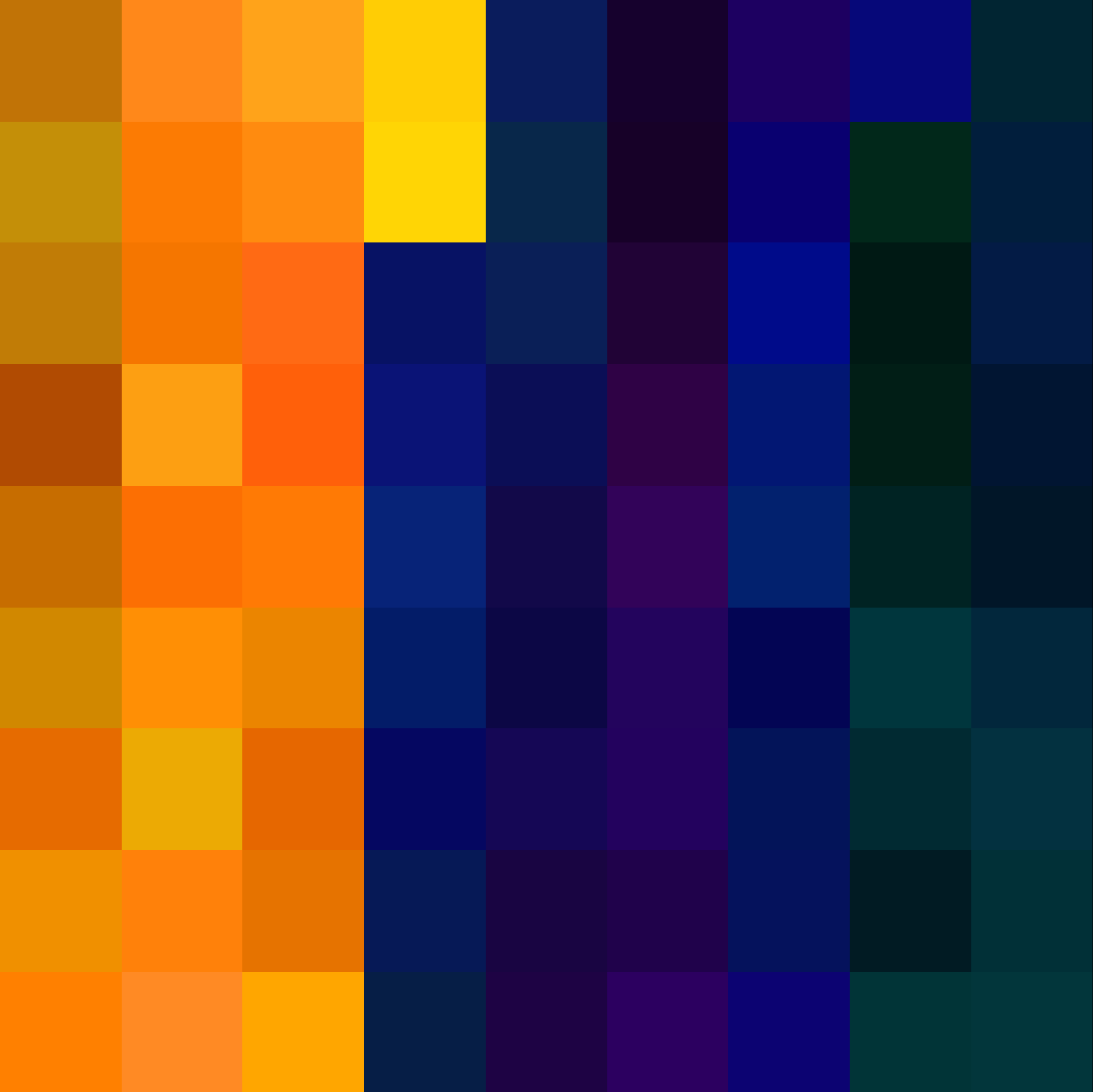
This two tone pixel gradient—it is 7 cells wide, 7 cells high—is mostly red, and it also has quite some orange in it.
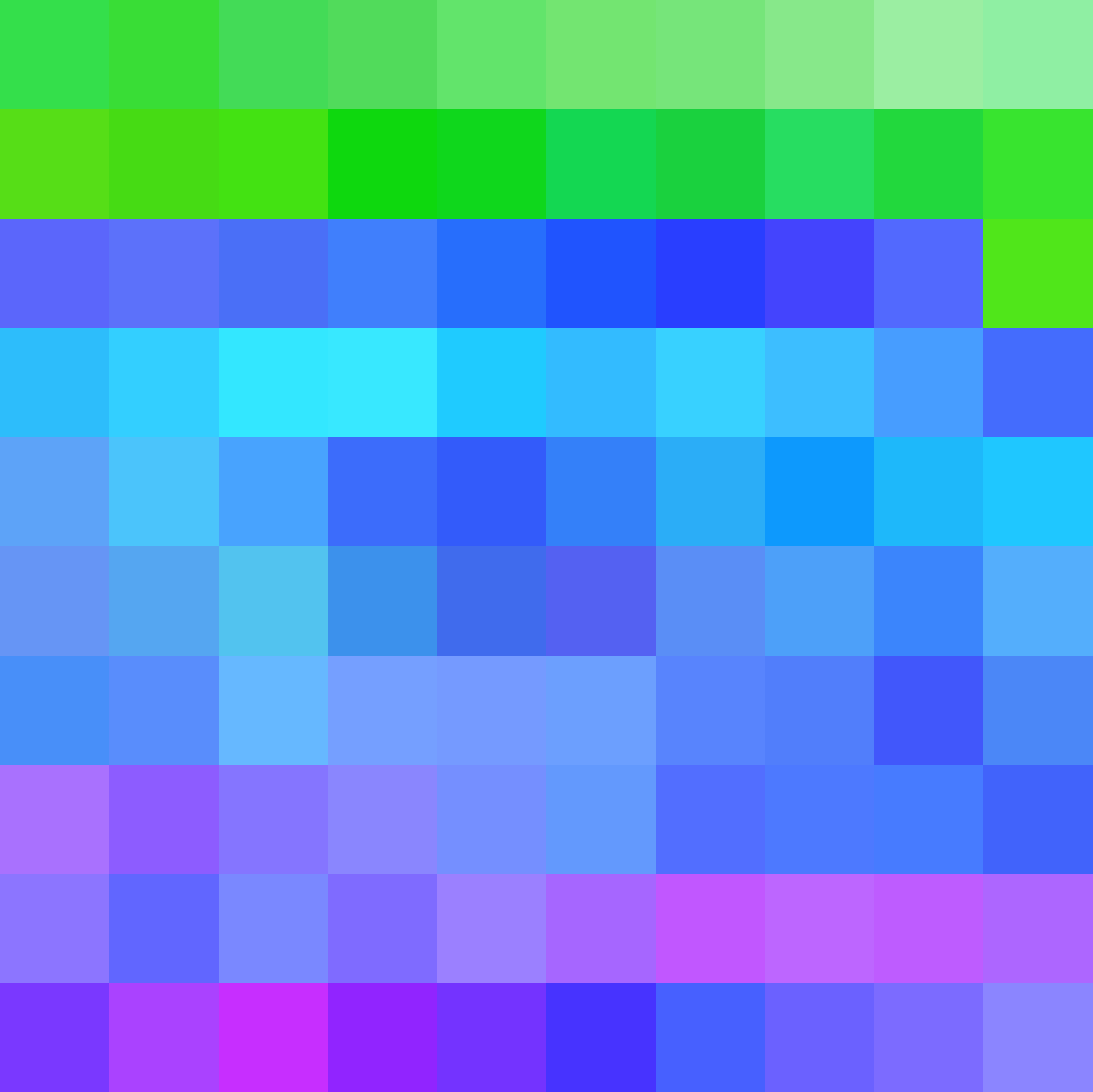
Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some green, some indigo, a little bit of purple, a little bit of violet, and a tiny bit of cyan in it.

The gradient in this 12 by 12 pixel grid is mostly orange, and it also has quite some red, some yellow, and a tiny bit of lime in it.

This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly orange, but it also has quite some blue, a bit of cyan, a bit of indigo, a bit of violet, a little bit of purple, a tiny bit of yellow, and a tiny bit of green in it.
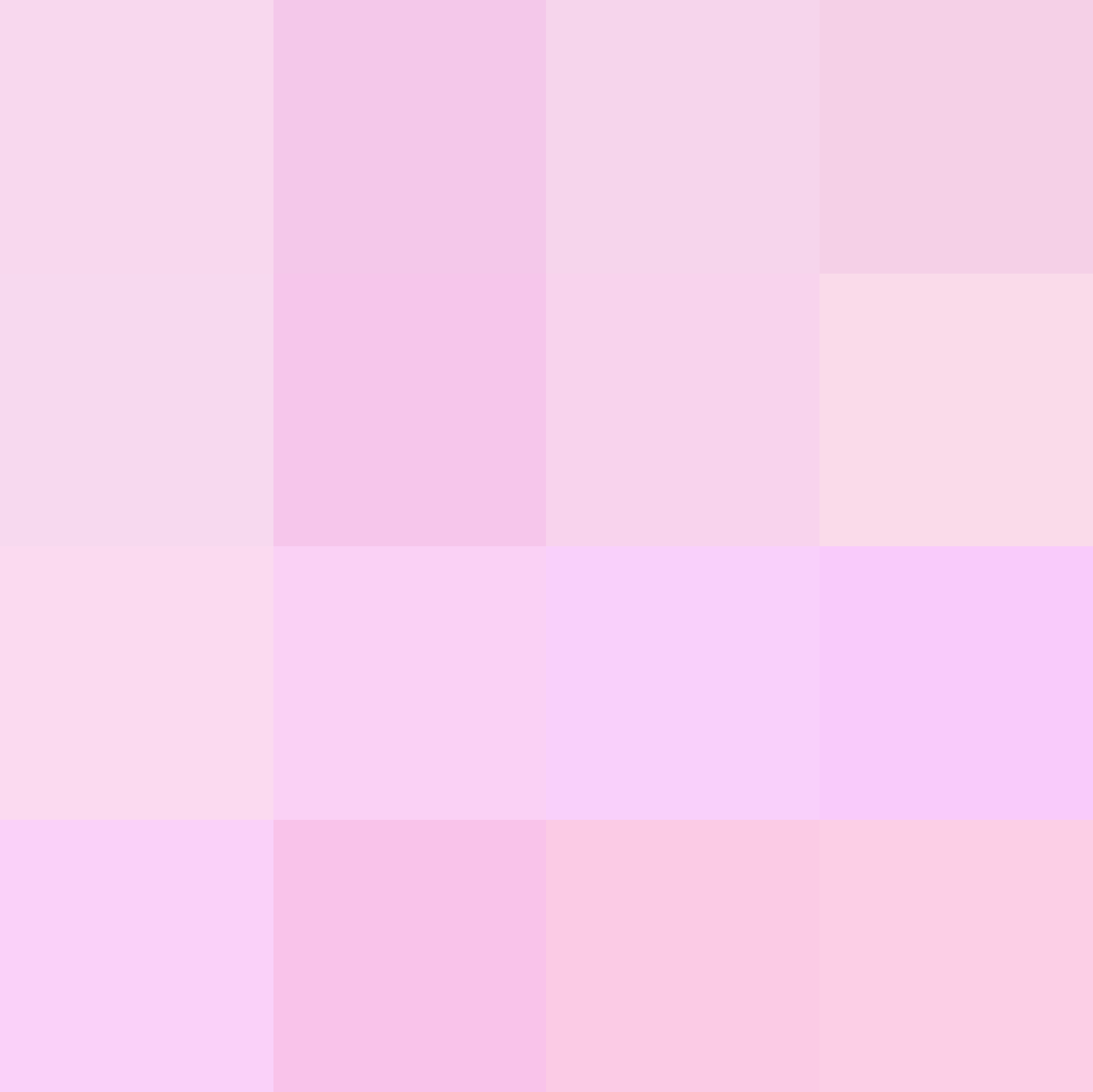
This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly magenta, but it also has some rose in it.
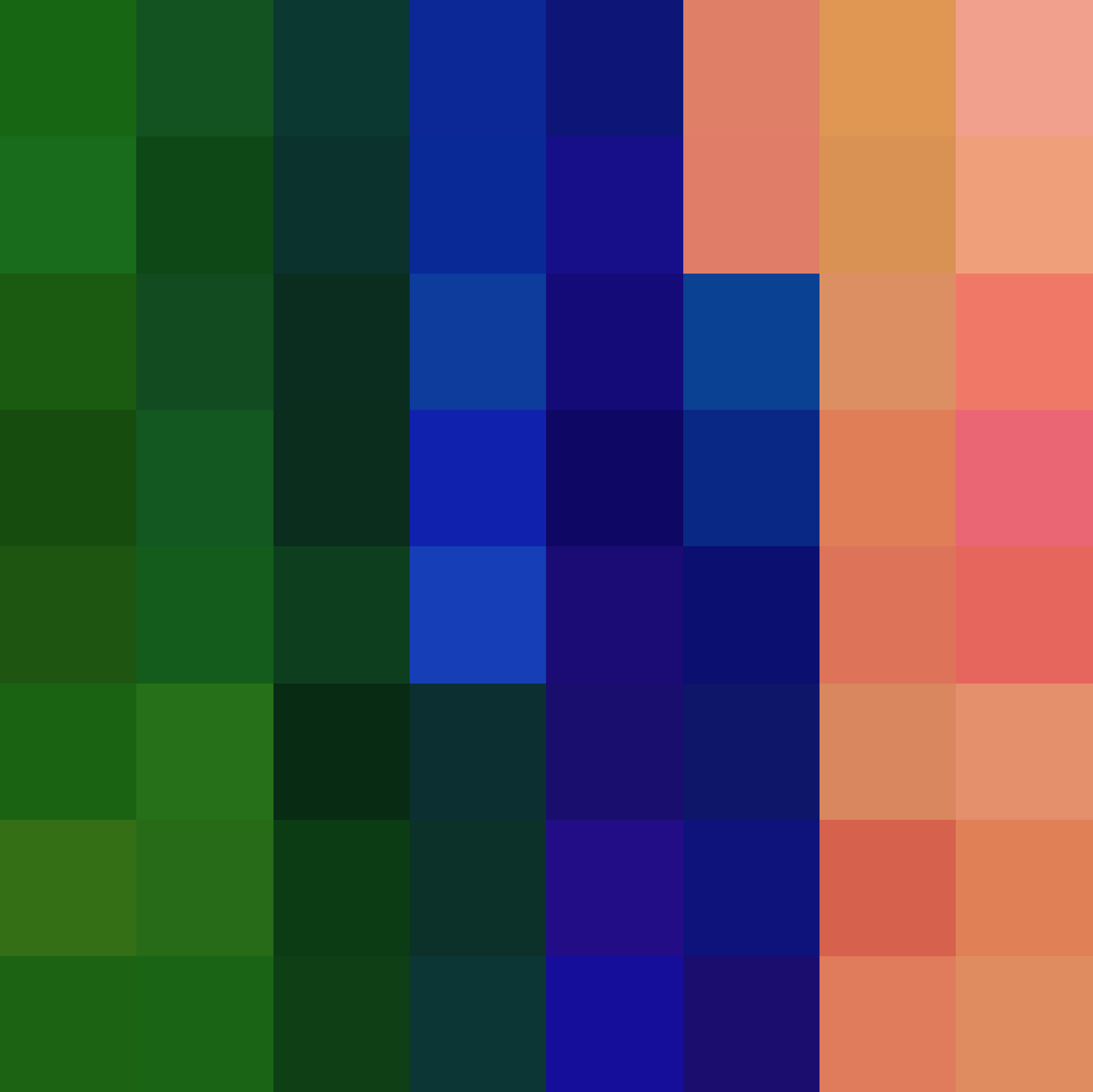
The cells in this 7 by 7 pixel grid form a two tone gradient. It is mostly blue, but it also has quite some cyan in it.
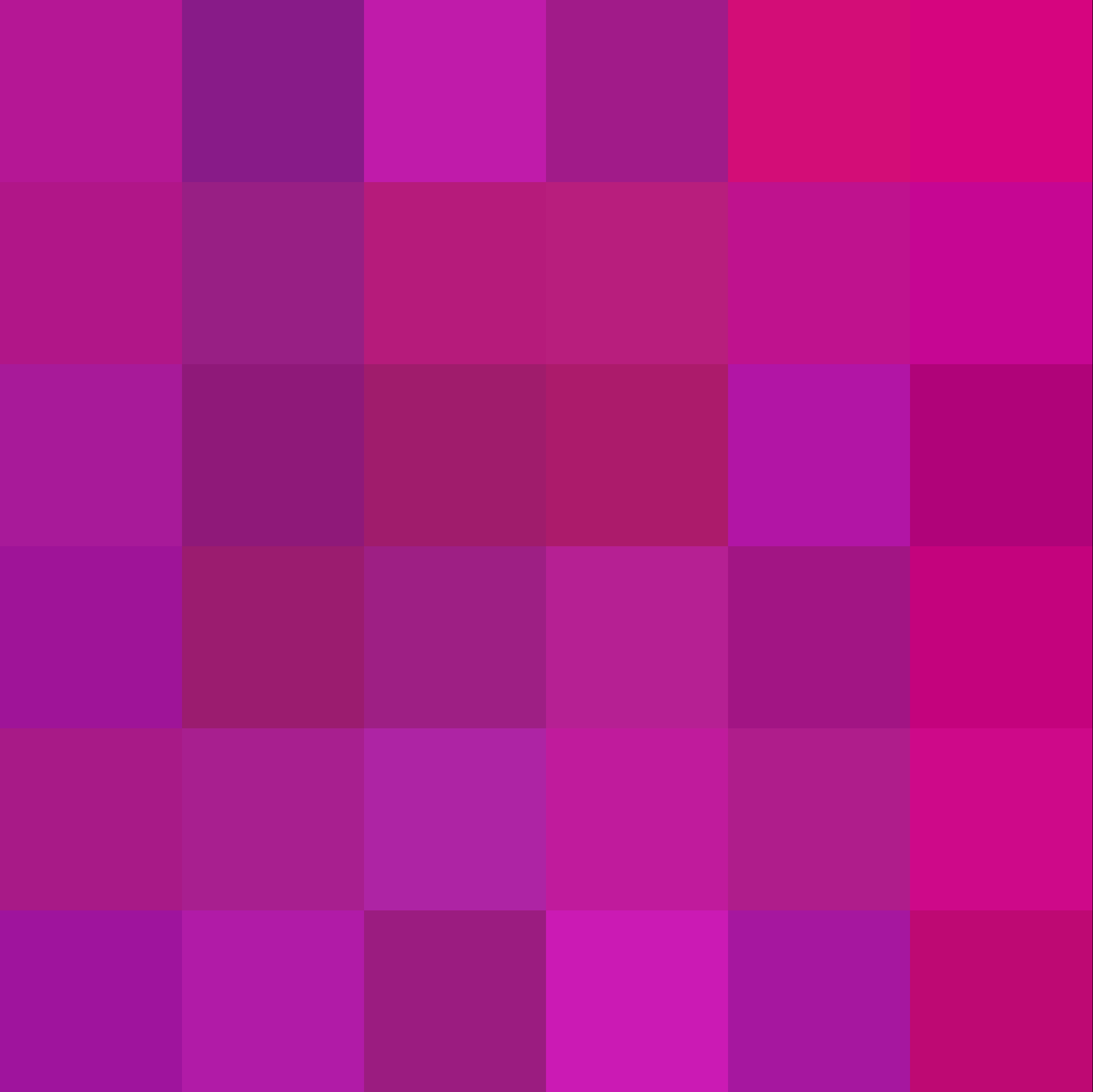
This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly magenta, but it also has a little bit of rose in it.

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

The cells in this 8 by 8 pixel grid form a very colourful gradient. It is mostly green, but it also has some blue, some red, some orange, some indigo, and a bit of cyan in it.
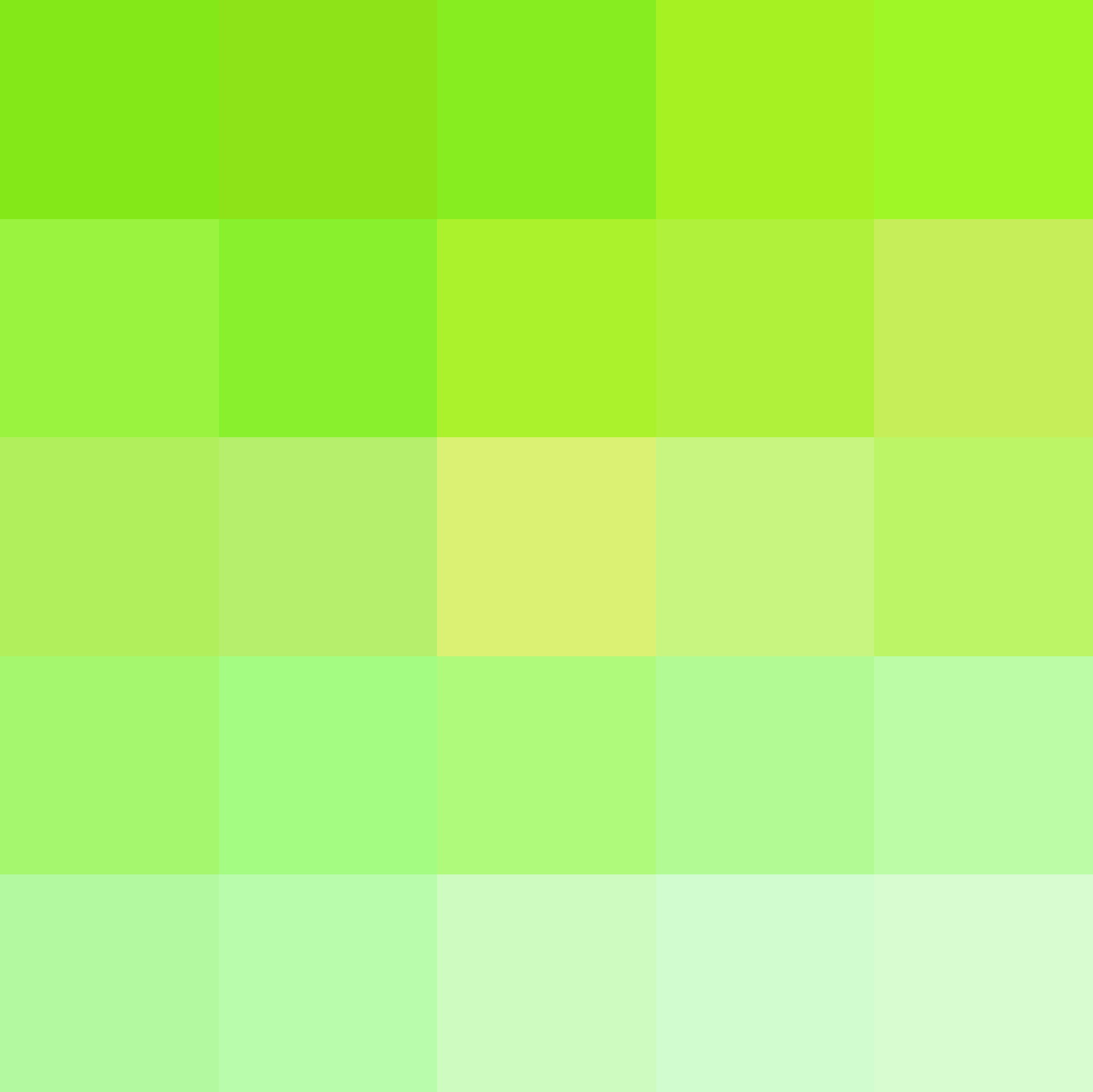
A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly green, and it also has a bit of lime in it.
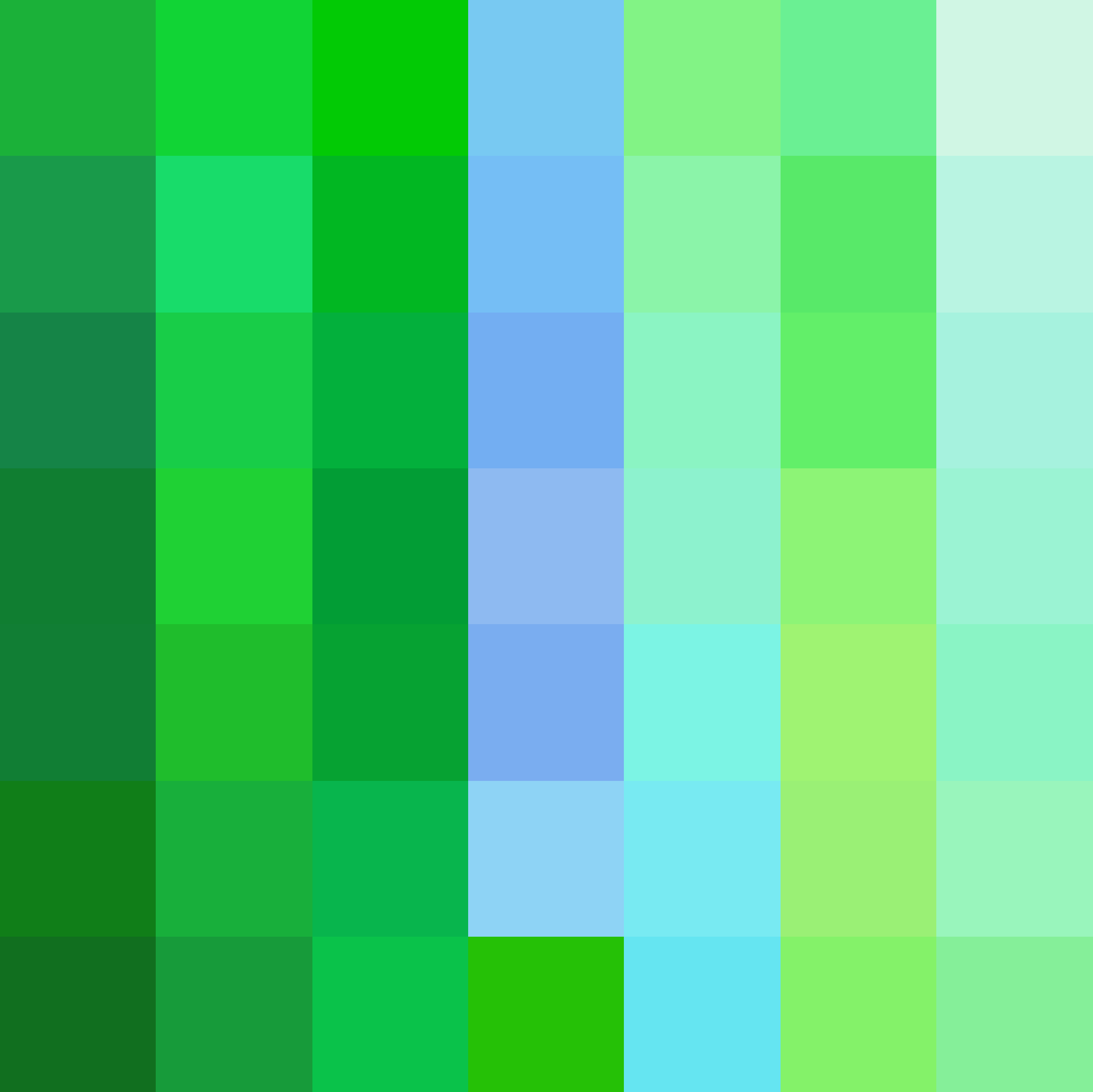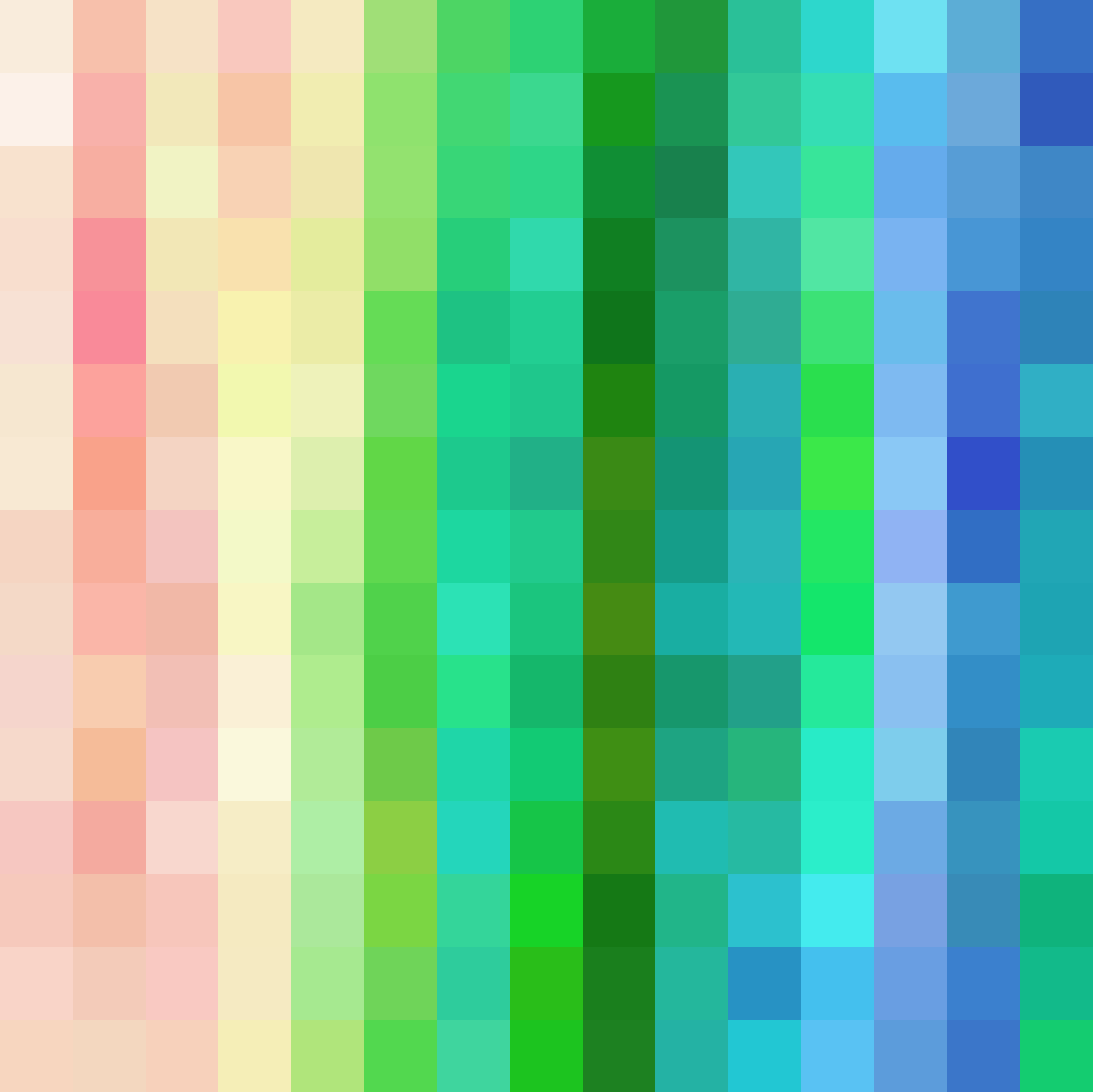
A grid of 49 blocks. It's mostly green, but it also has some blue, and a bit of cyan in it.
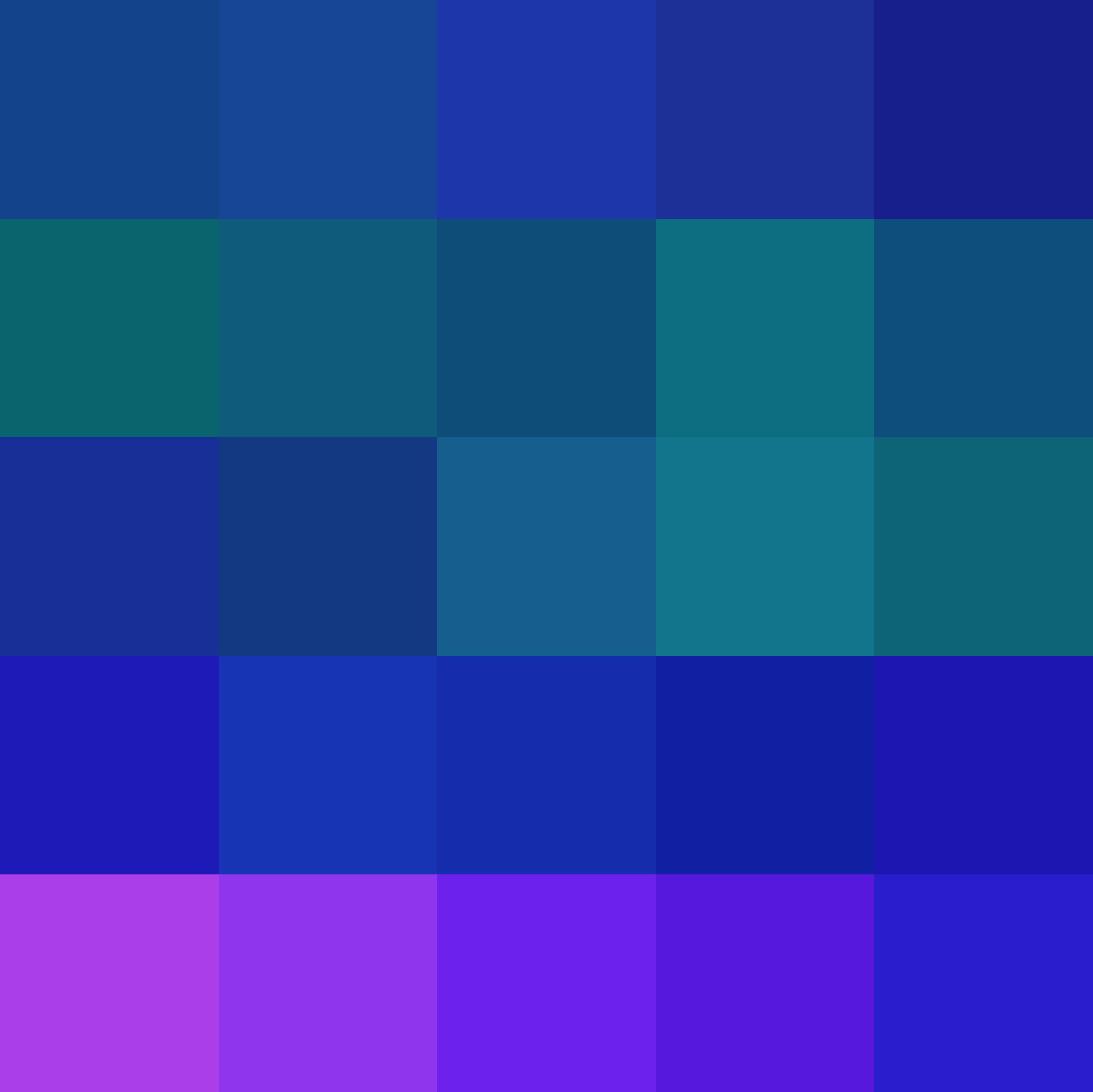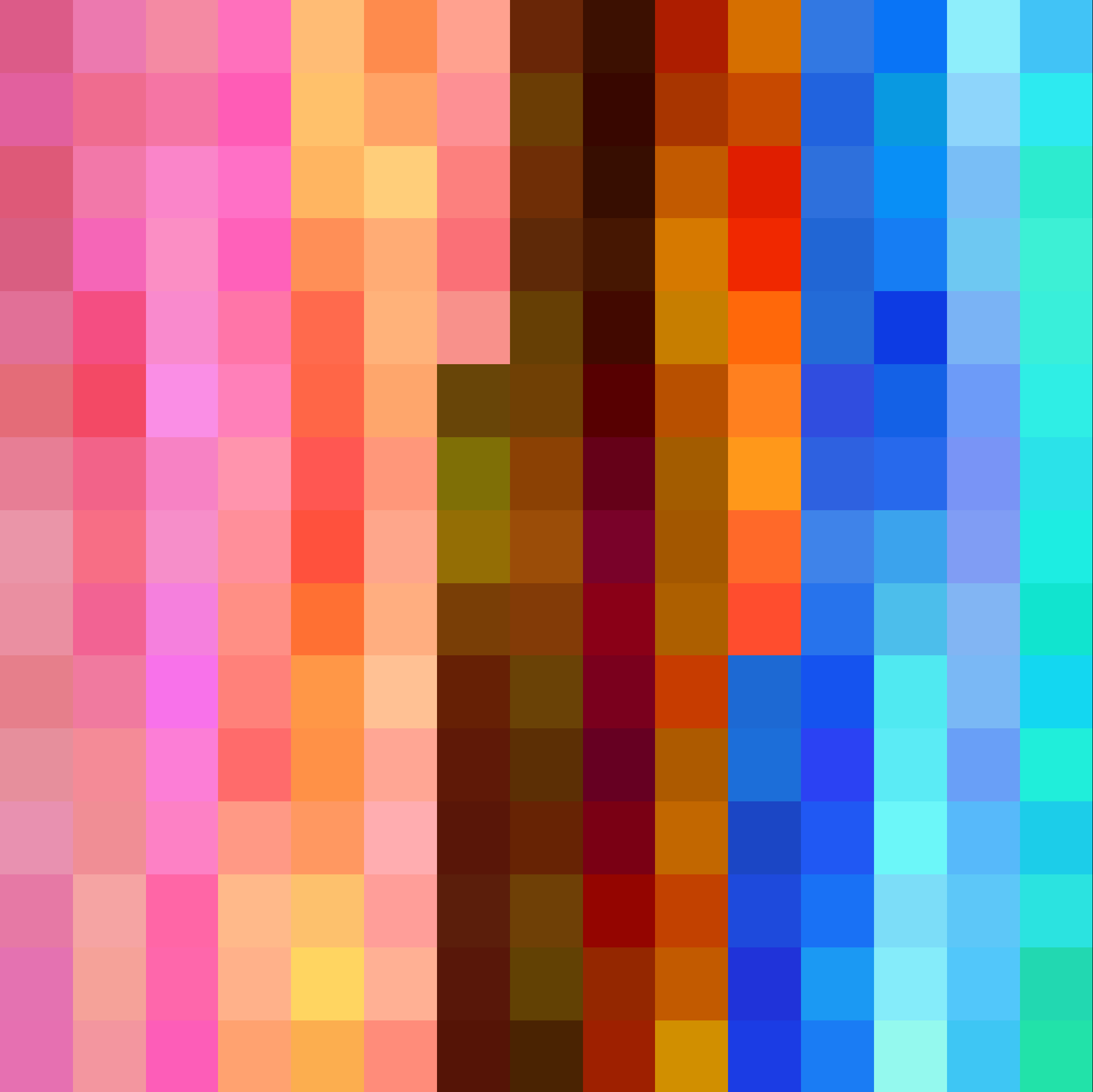
Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly blue, and it also has some cyan, some indigo, a bit of violet, and a little bit of purple in it.
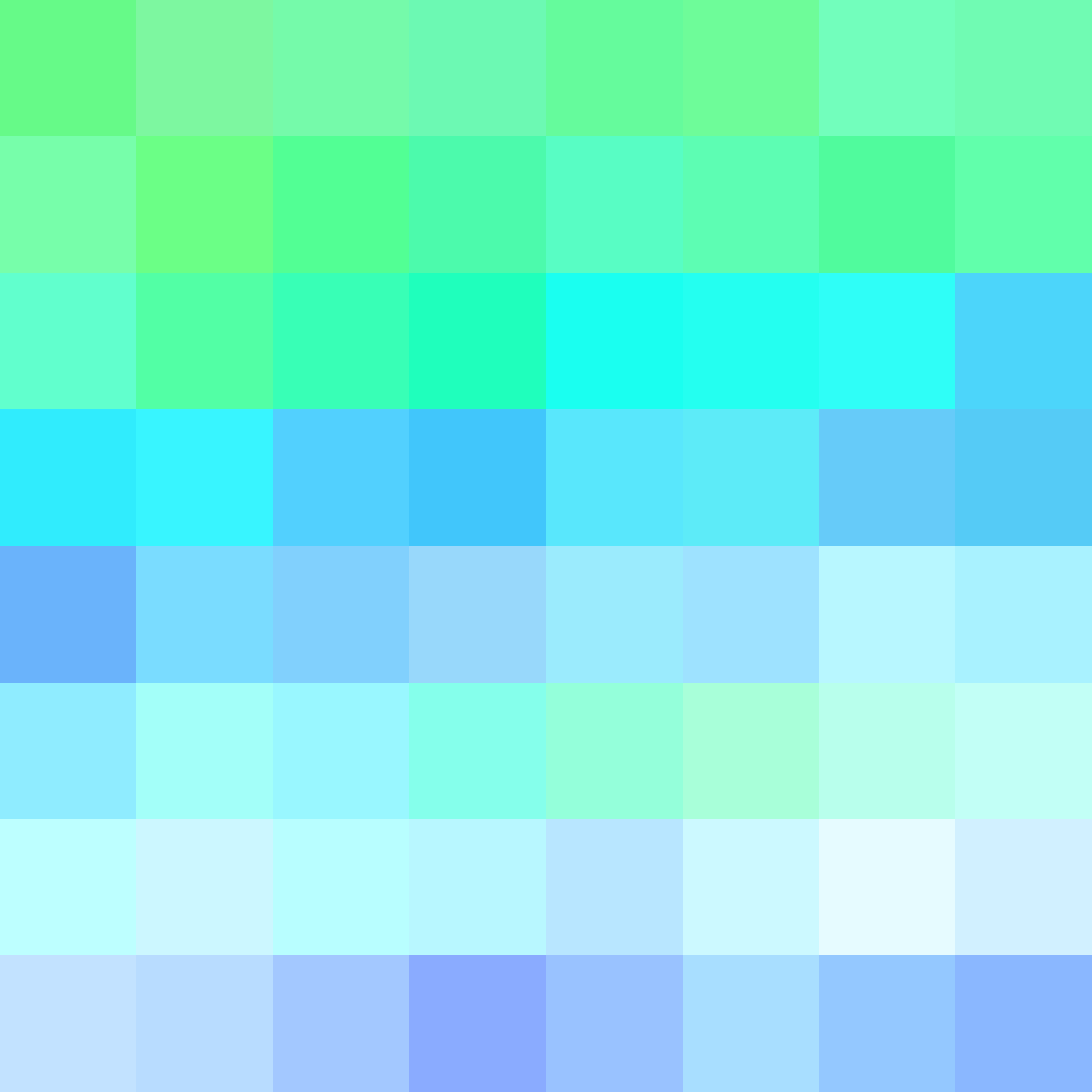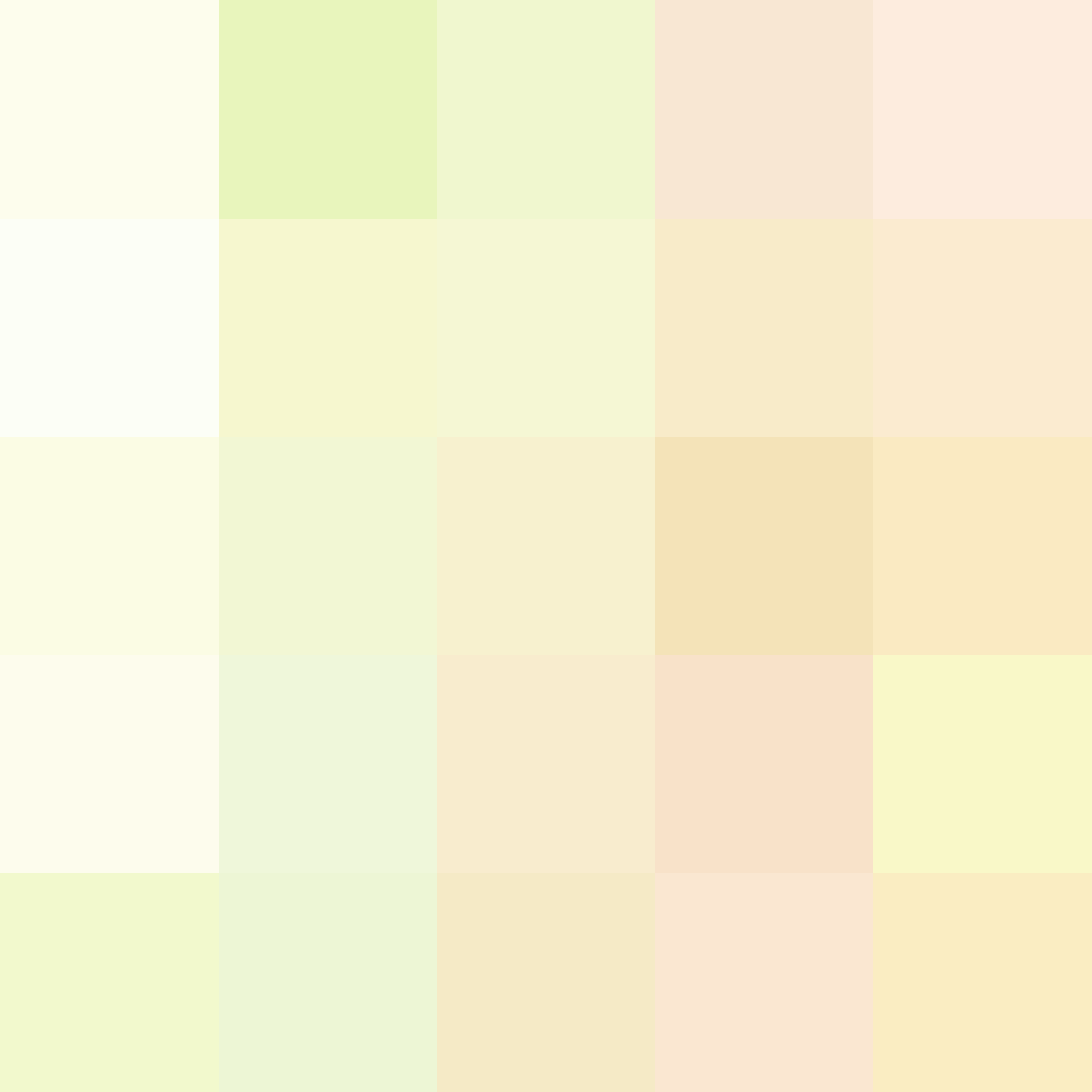
This gradient, generated in this 8 by 8 pixel grid, is mostly cyan, and it also has quite some green, and quite some blue in it.

Here's a 15 by 15 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some blue, some cyan, some orange, a bit of red, a bit of yellow, and a tiny bit of lime in it.

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

This gradient, generated in this 5 by 5 pixel grid, is mostly yellow, but it also has quite some orange, and some lime in it.
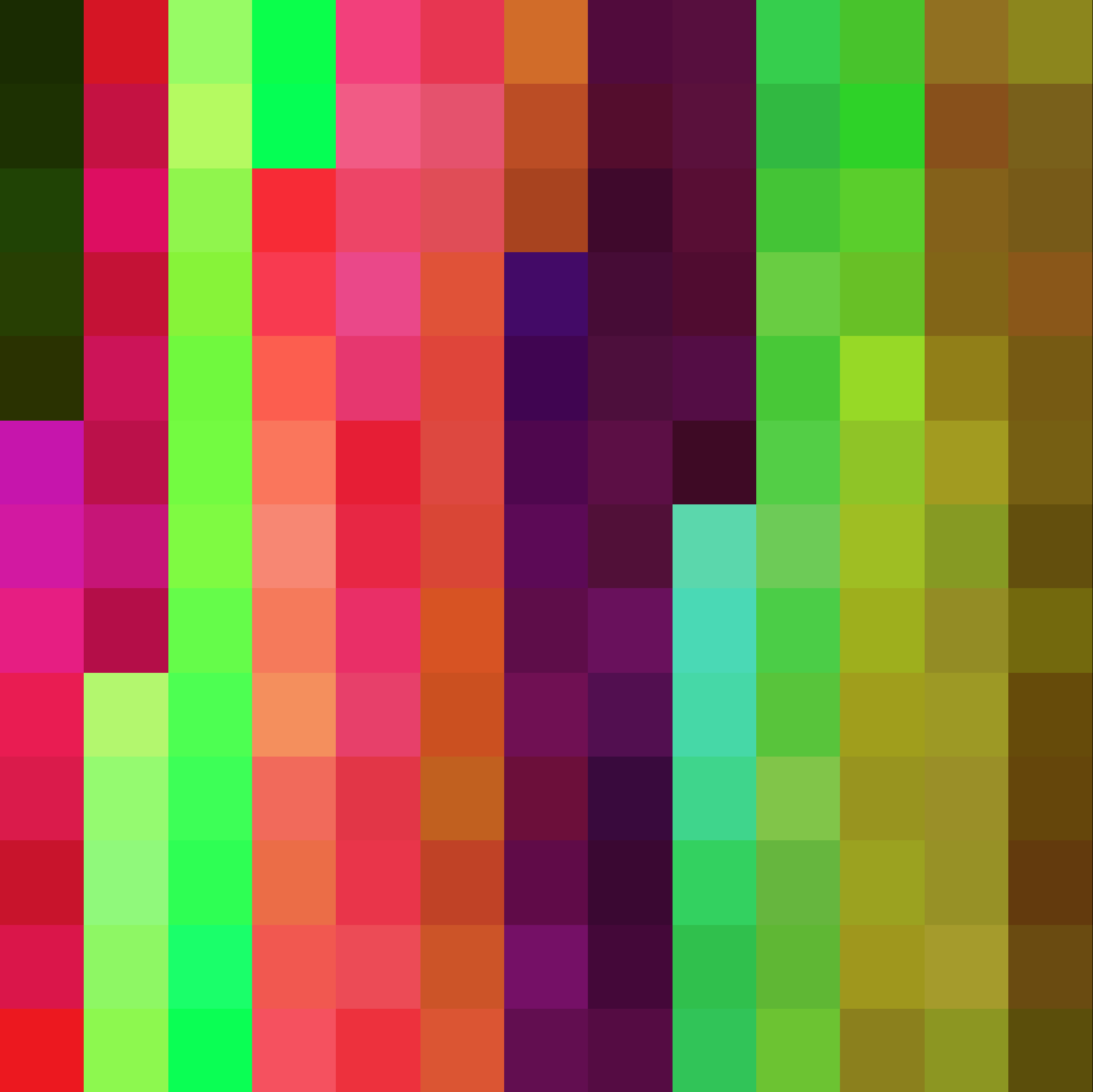
A very, very colourful grid of 169 blocks. It's mostly green, but it also has some red, some magenta, some yellow, some orange, some rose, a tiny bit of purple, a tiny bit of cyan, and a tiny bit of lime in it.

A grid of 49 blocks. It's mostly green, and it also has quite some lime, and quite some yellow in it.
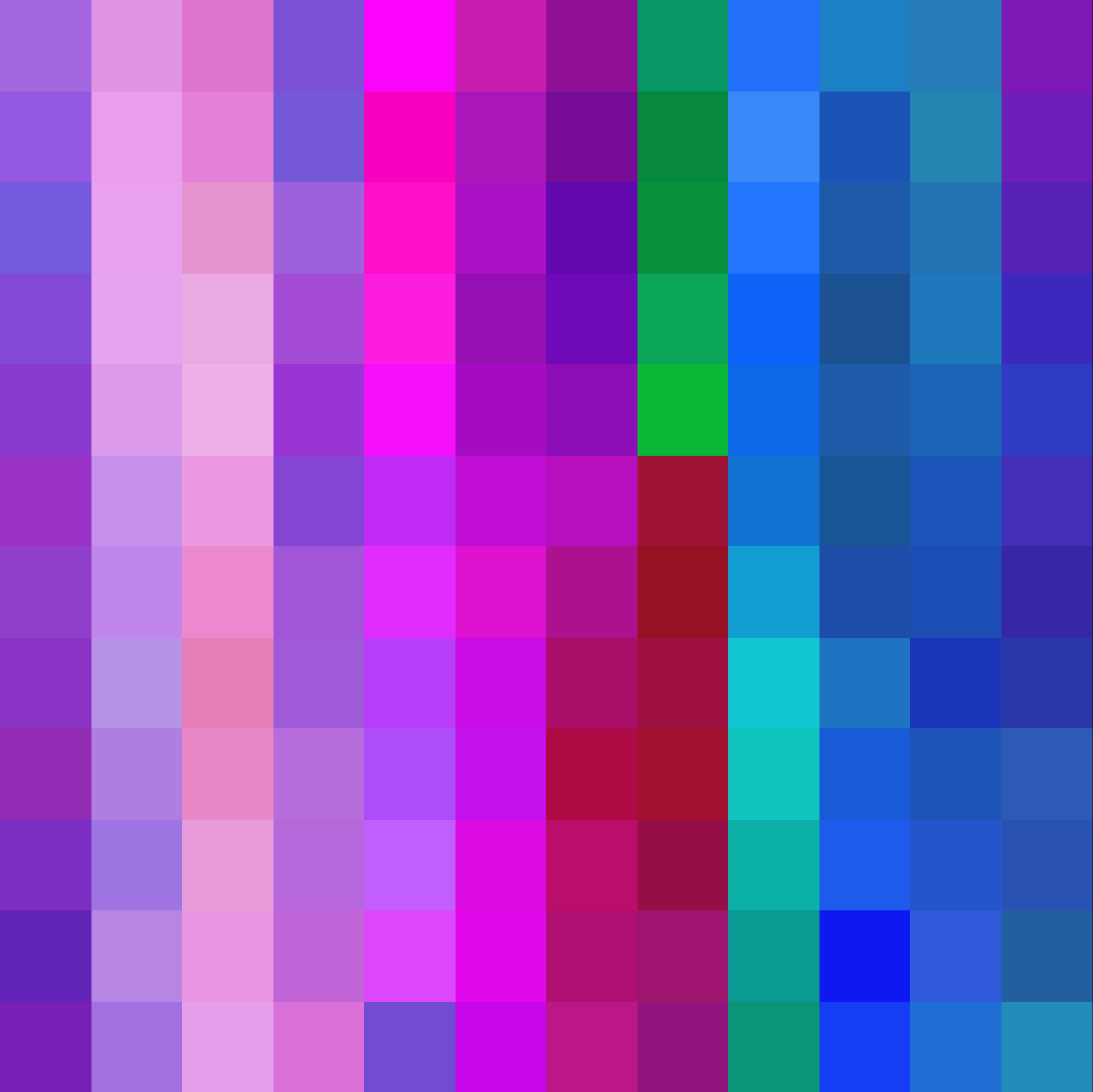
A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some purple, quite some magenta, a bit of violet, a little bit of indigo, a little bit of rose, a little bit of green, a little bit of cyan, and a tiny bit of red in it.

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

A grid with 169 coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has some orange, some yellow, some green, and a tiny bit of lime 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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