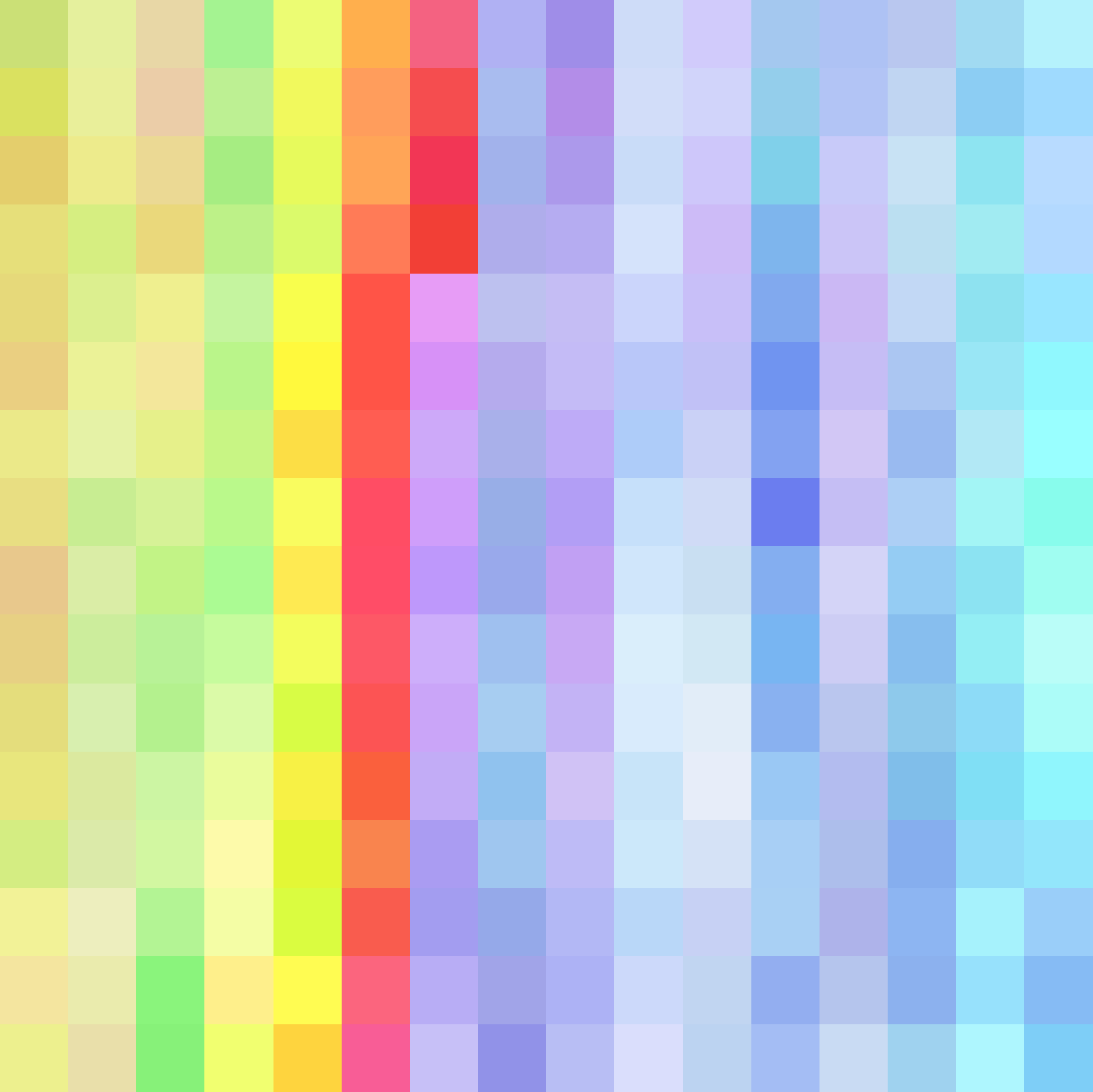# 100 random pixel gradients

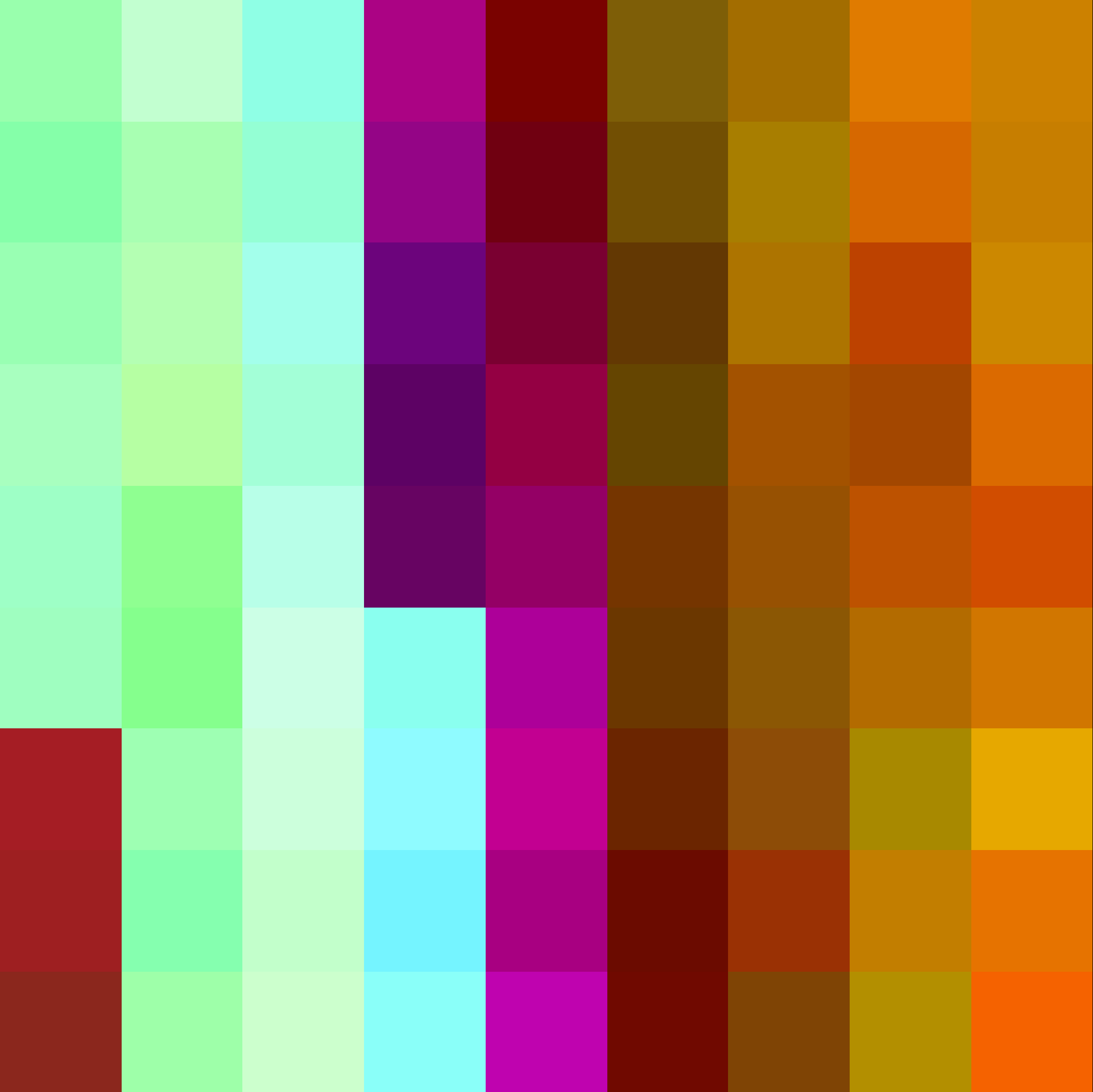Vasilis van Gemert – 09-04-2023

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 some yellow, some indigo, a bit of green, a bit of cyan, a little bit of red, a little bit of lime, a little bit of orange, a little bit of violet, and a tiny bit of purple in it.

The gradient in this 8 by 8 pixel grid is mostly green, and it also has some orange, some lime, and a little bit of yellow in it.

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

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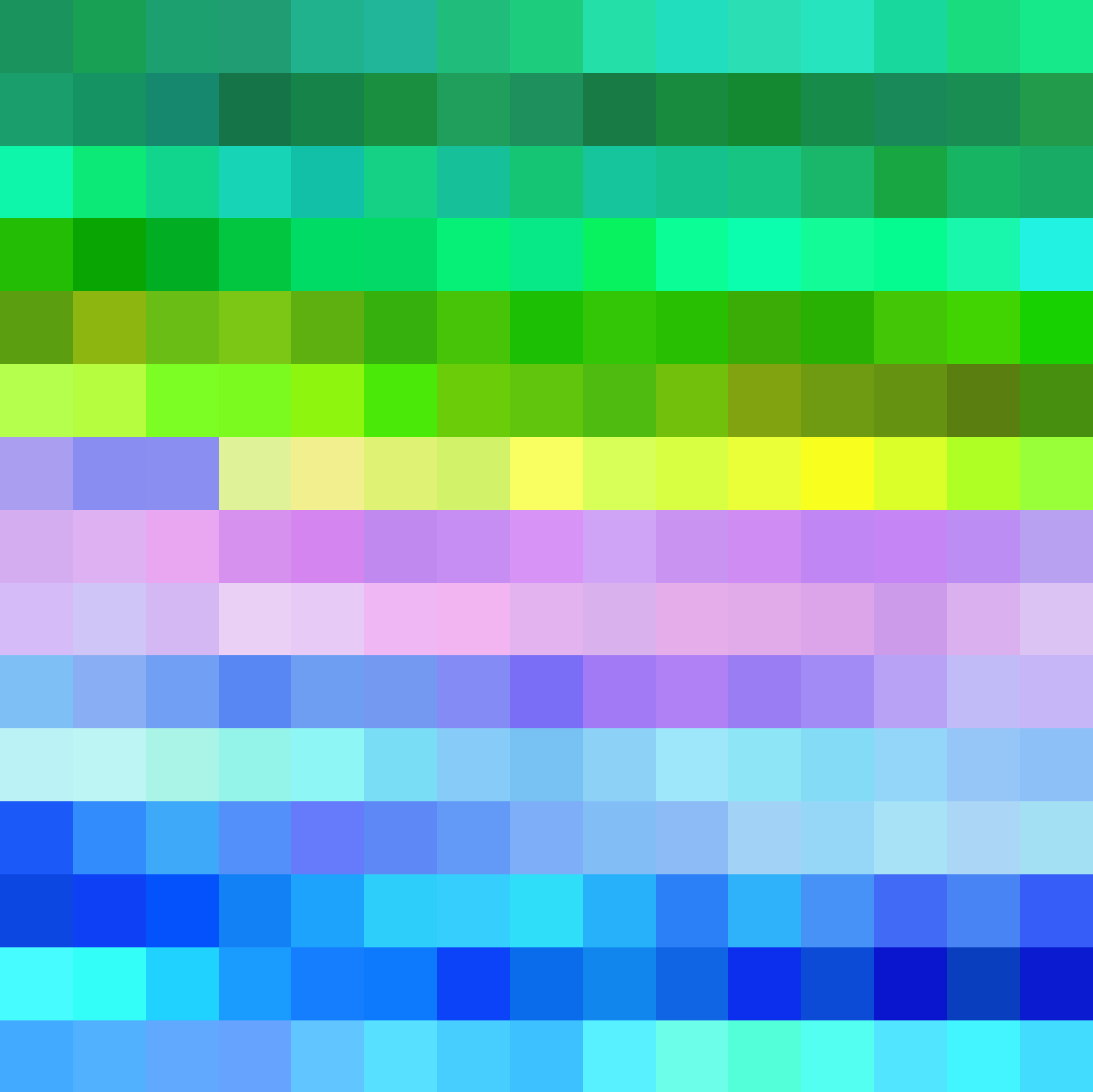
This very colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, but it also has quite some yellow, a bit of lime, a little bit of indigo, a little bit of violet, a little bit of orange, and a tiny bit of purple in it.

A grid of 25 blocks. It's mostly magenta, and it also has quite some purple, some rose, and a little bit of violet in it.
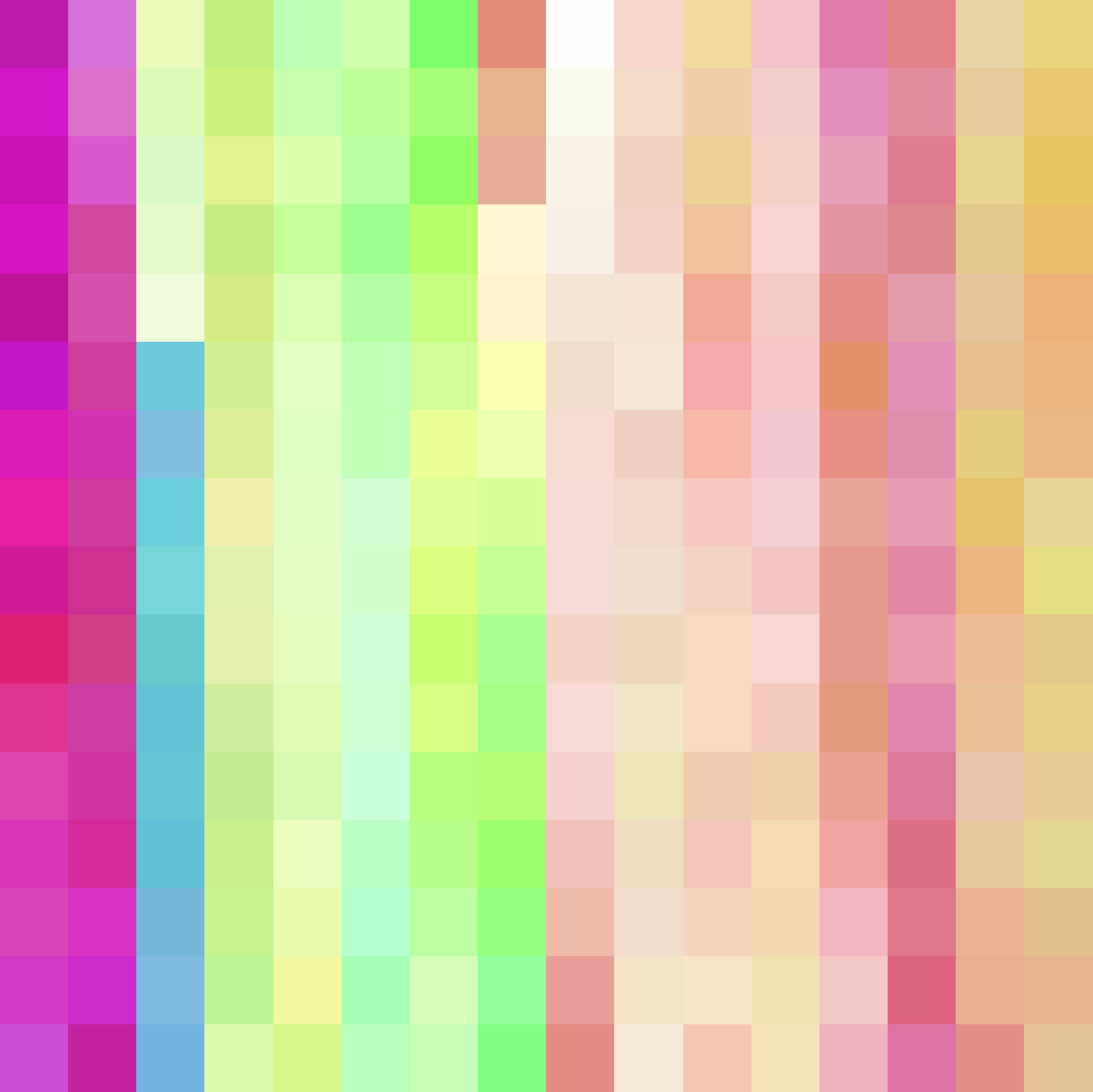
A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has some yellow, some lime, a little bit of orange, and a tiny bit of cyan in it.

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

A grid of 100 blocks. It's mostly magenta, but it also has some purple, a bit of rose, and a little bit of red in it.
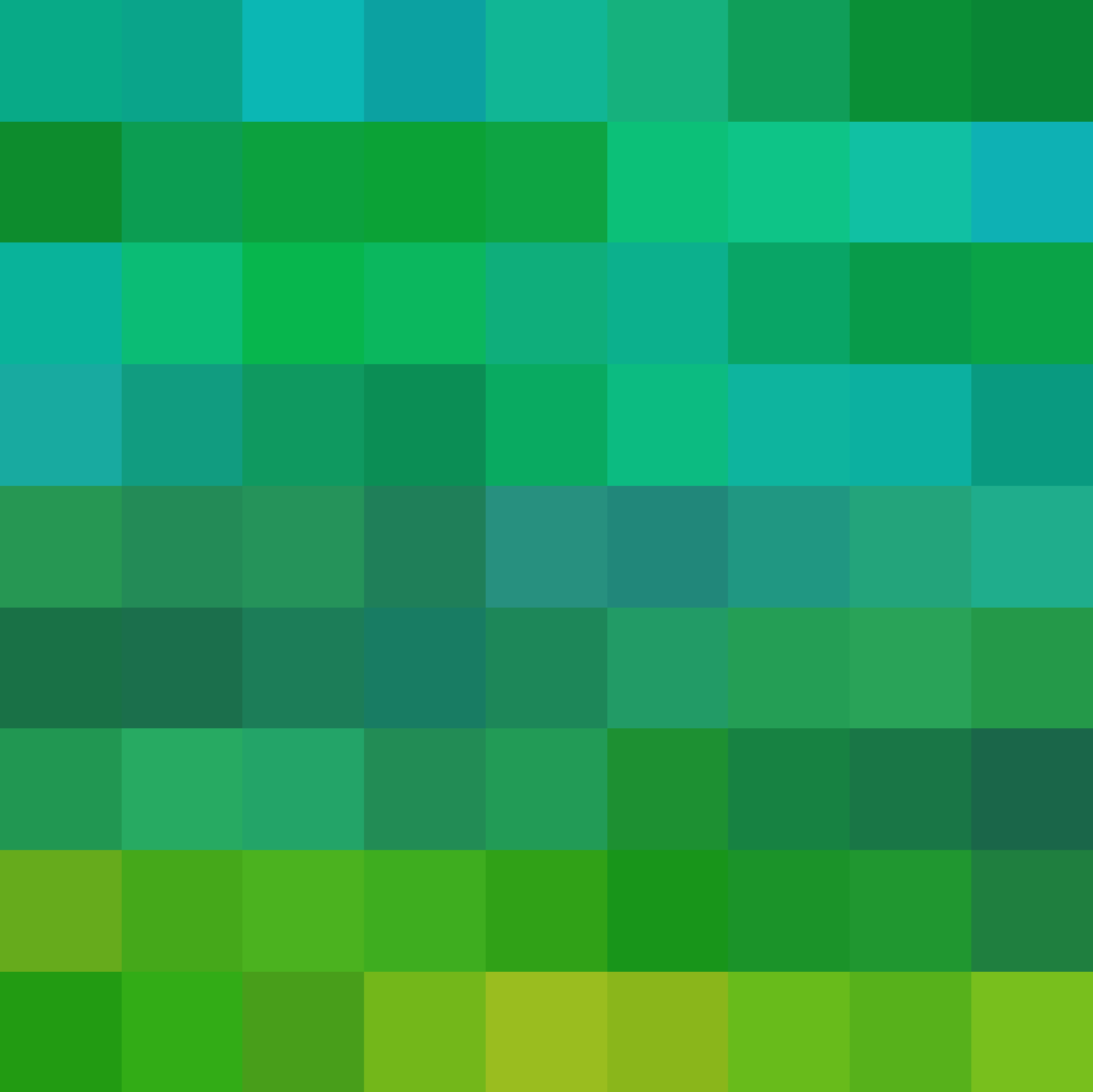
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, and it also has quite some green, quite some red, some magenta, a little bit of lime, a little bit of yellow, a little bit of cyan, a tiny bit of blue, and a tiny bit of rose in it.

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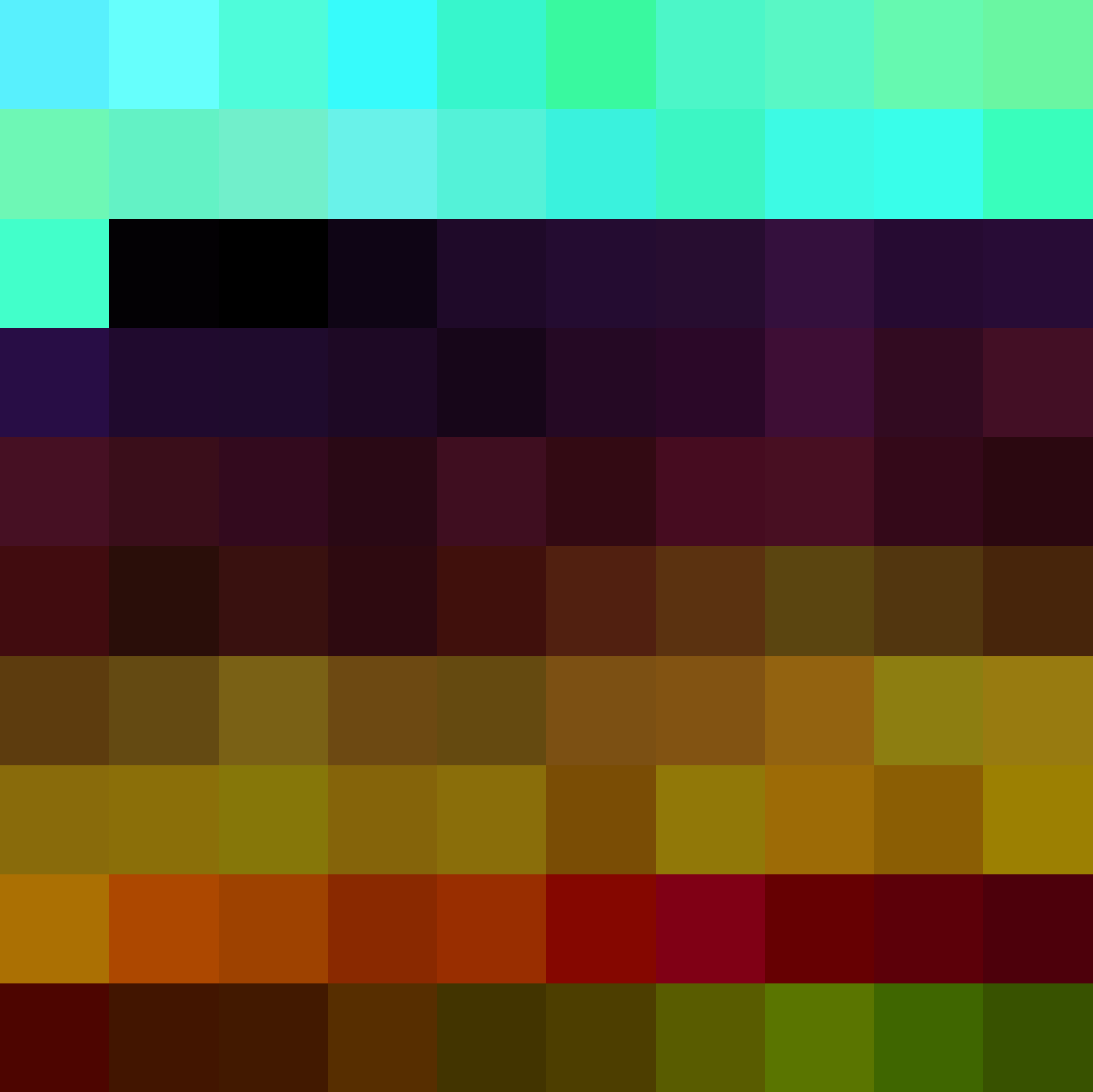
There's a very, very colourful pixel gradient in this 10 by 10 grid. It is mostly orange, but it also has some red, some cyan, some purple, some yellow, a bit of green, a bit of rose, a little bit of magenta, a tiny bit of lime, and a tiny bit of violet in it.

This pixel gradient—it is 9 cells wide, 9 cells high—is mostly green, but it also has quite some cyan, and a tiny bit of lime in it.

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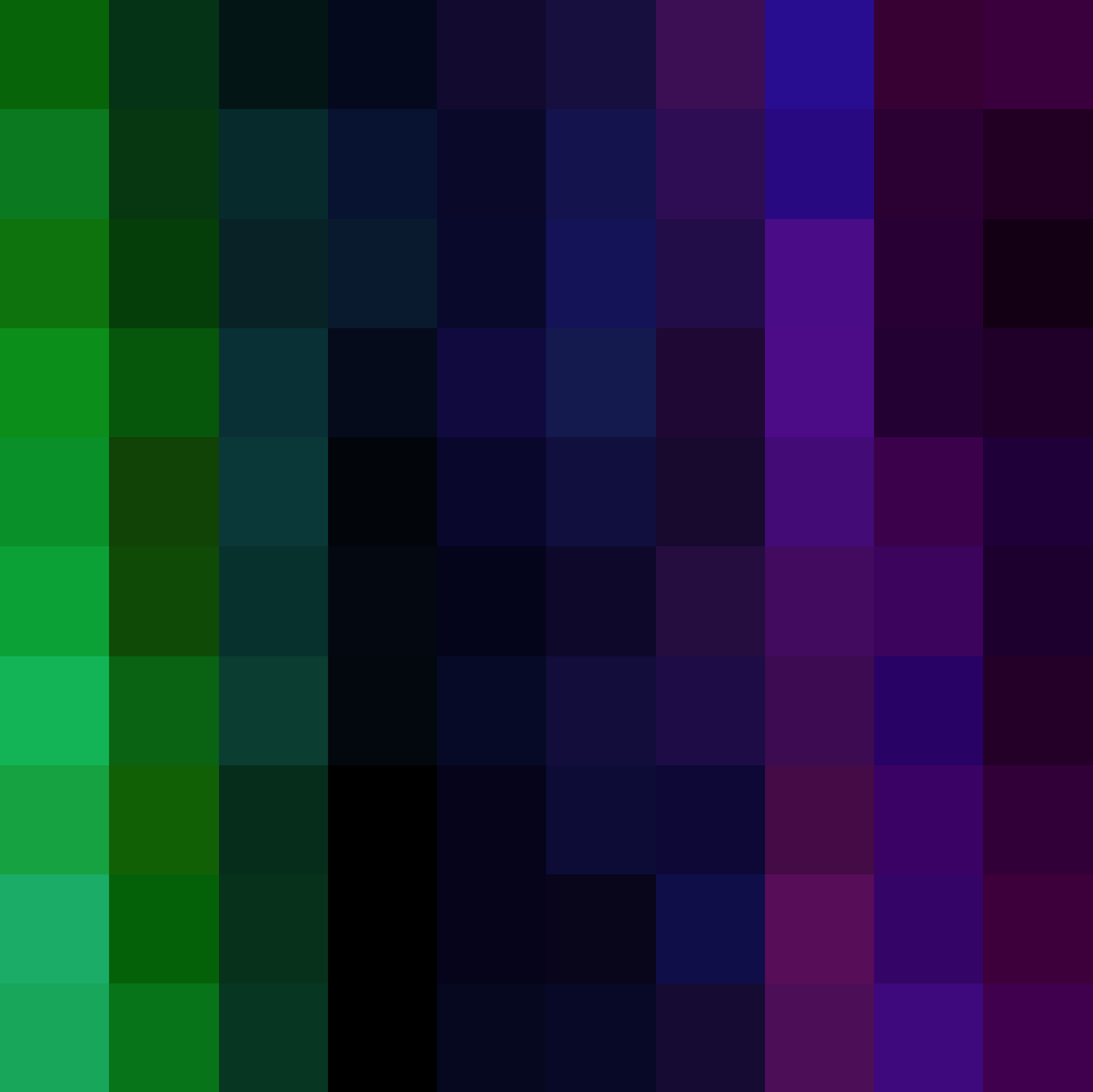
There's a very, very colourful pixel gradient in this 9 by 9 grid. It is mostly orange, and it also has some yellow, some red, some cyan, some green, a little bit of violet, a little bit of purple, and a tiny bit of indigo in it.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly magenta, and it also has some red, some rose, some orange, a bit of blue, a bit of purple, a bit of yellow, a tiny bit of indigo, and a tiny bit of violet in it.
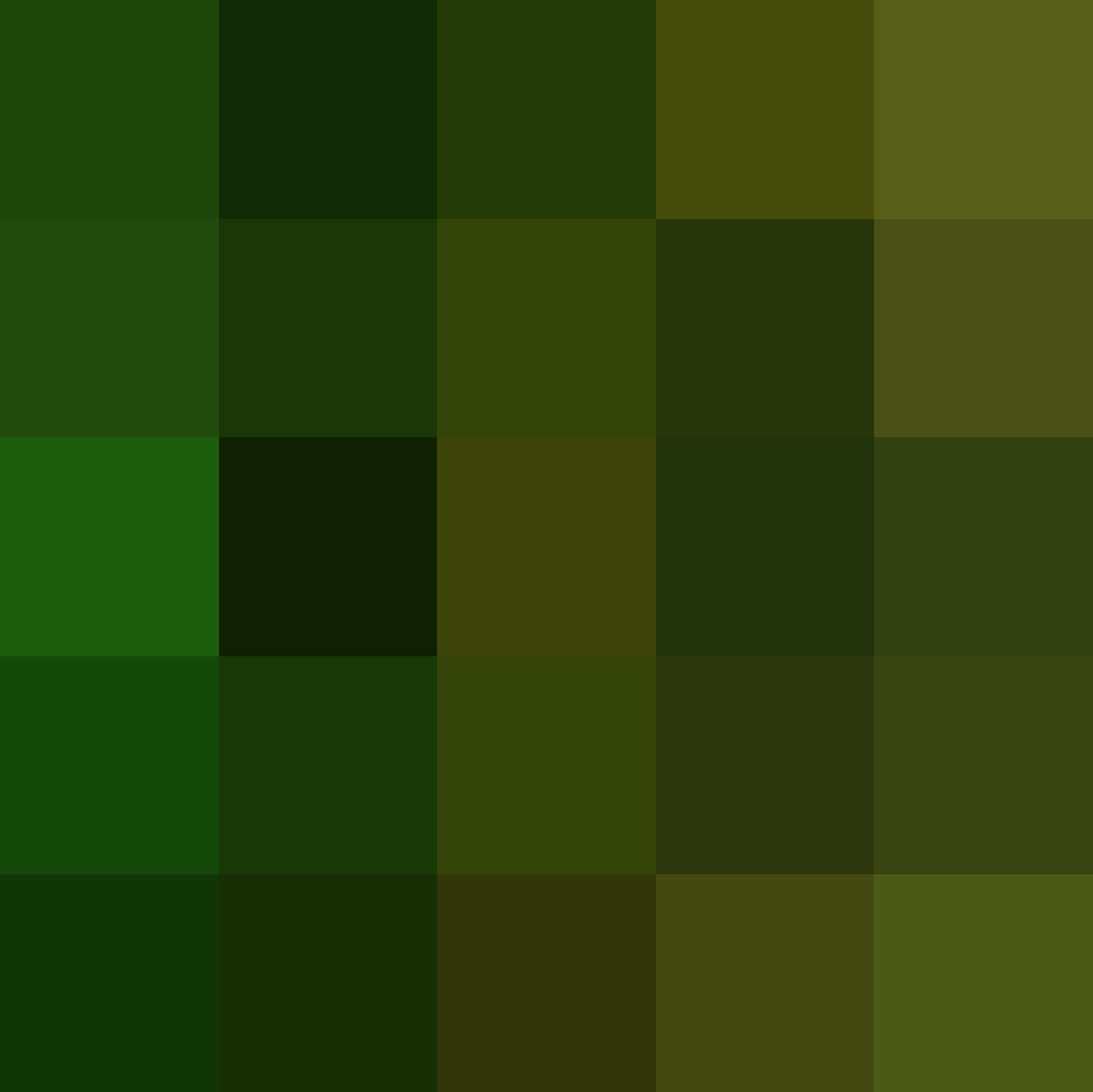
A grid of 25 blocks. It's mostly green, and it also has quite some lime, and quite some yellow in it.

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

Here's a 15 by 15 pixelated grid that forms a very colourful gradient. It is mostly red, and it also has quite some magenta, quite some rose, some blue, a little bit of orange, a little bit of purple, and a tiny bit of indigo in it.
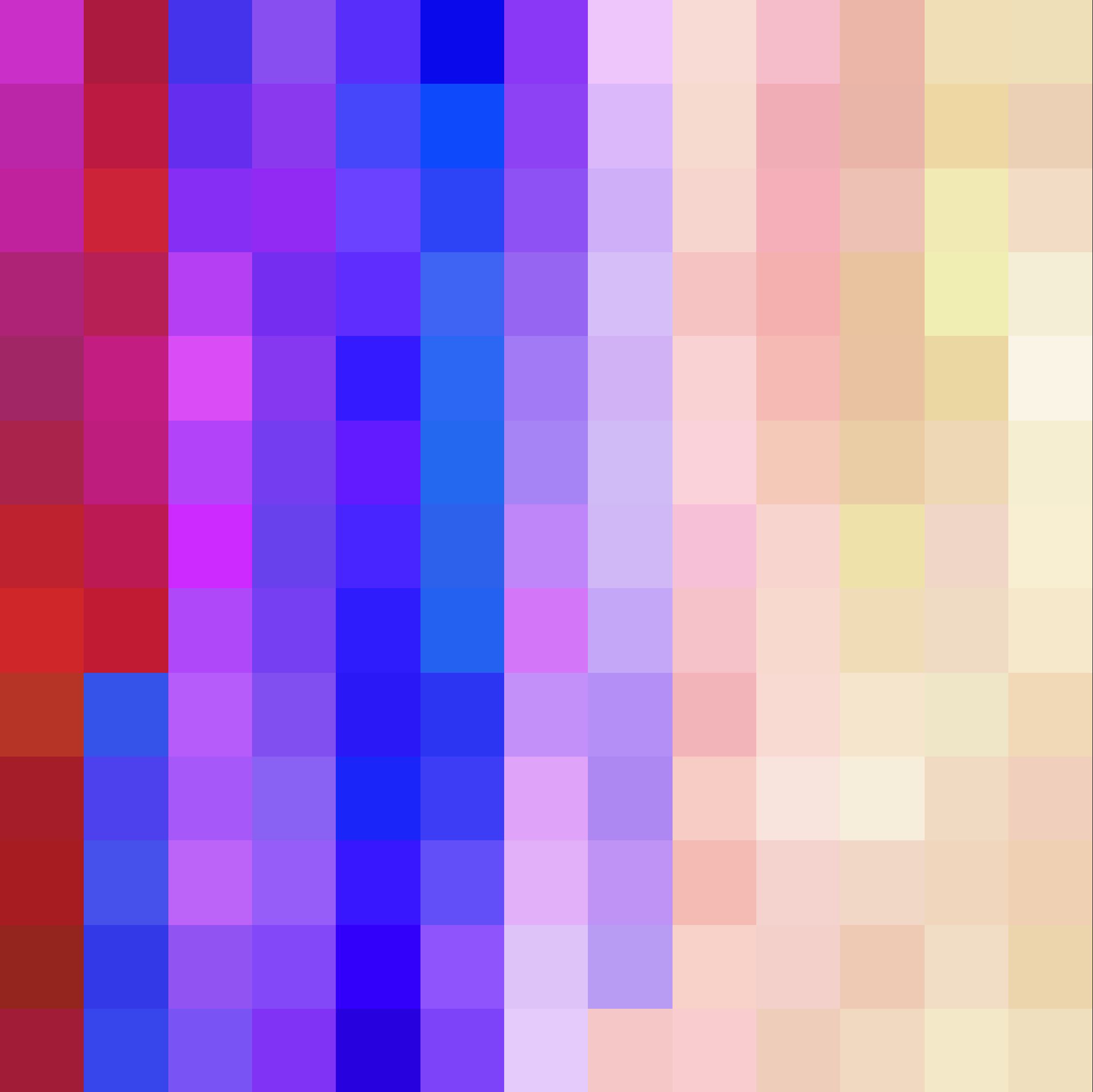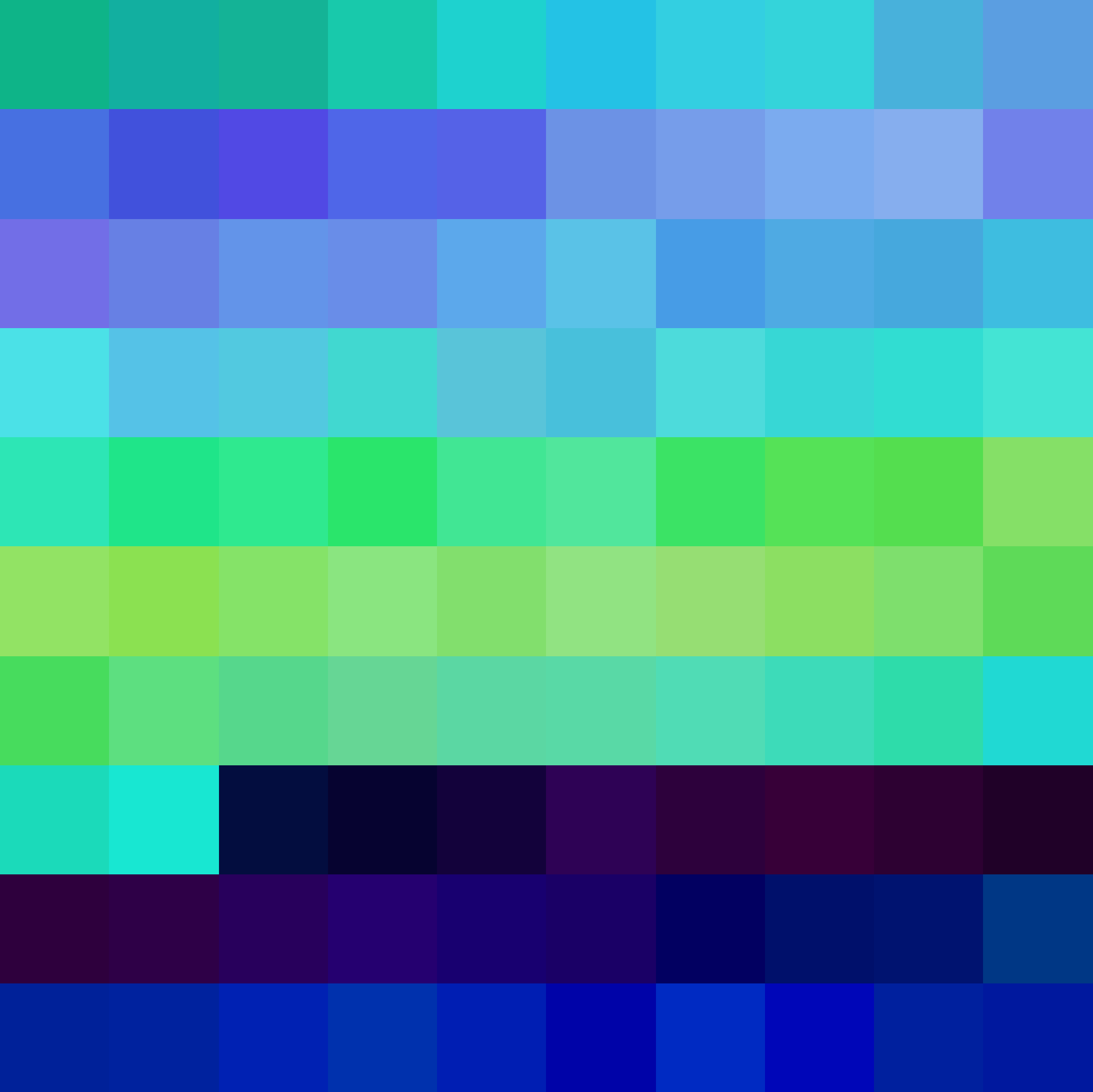
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly red, but it also has quite some orange, some indigo, some violet, a bit of blue, a bit of purple, a little bit of magenta, a little bit of yellow, and a little bit of rose in it.
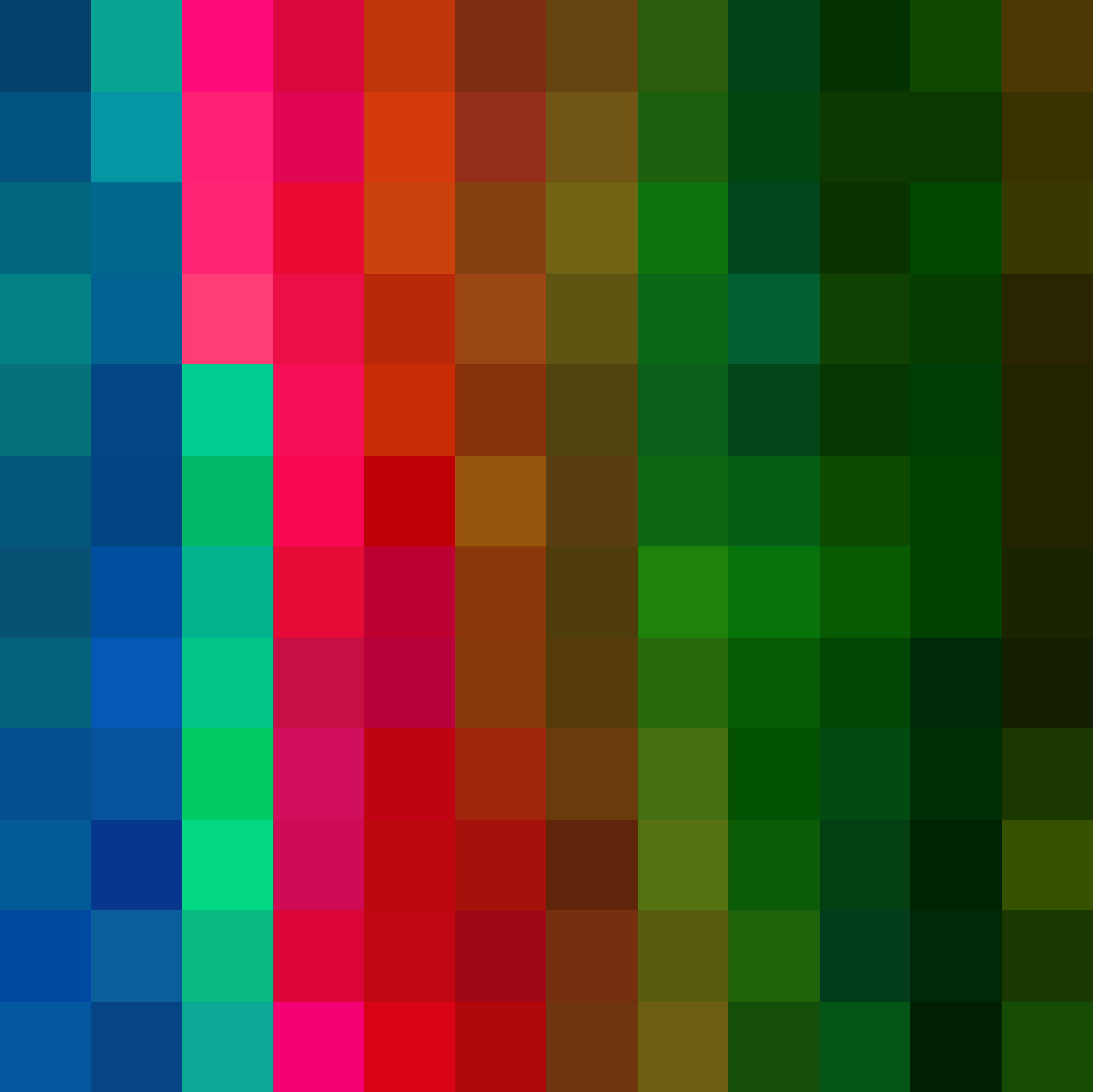
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has some red, some blue, some orange, a bit of rose, a bit of yellow, a little bit of cyan, and a tiny bit of lime in it.
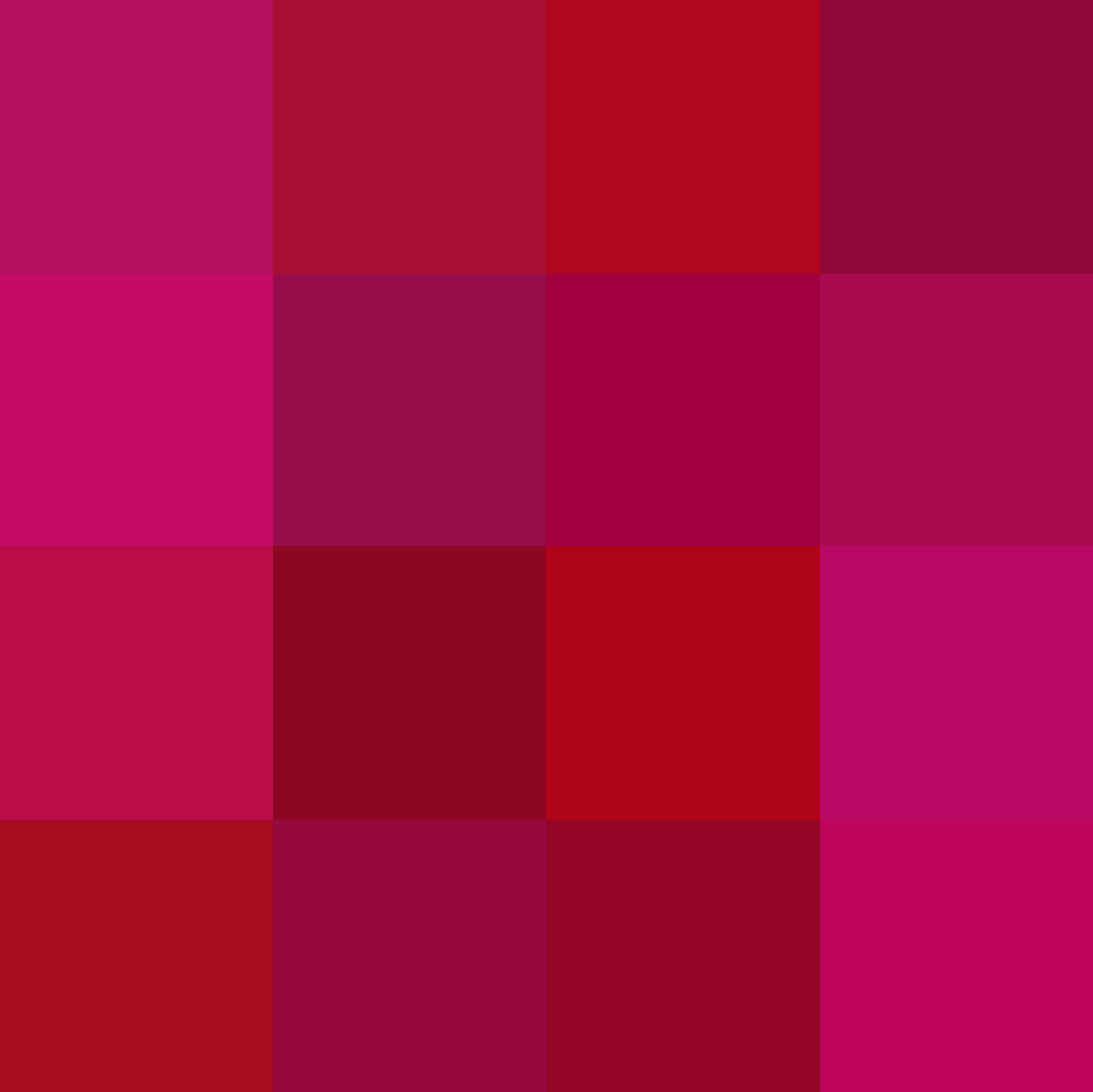
This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly rose, but it also has quite some red in it.

There's a very colourful pixel gradient in this 10 by 10 grid. It is mostly blue, and it also has quite some green, quite some cyan, a bit of indigo, a little bit of purple, a tiny bit of magenta, and a tiny bit of violet in it.
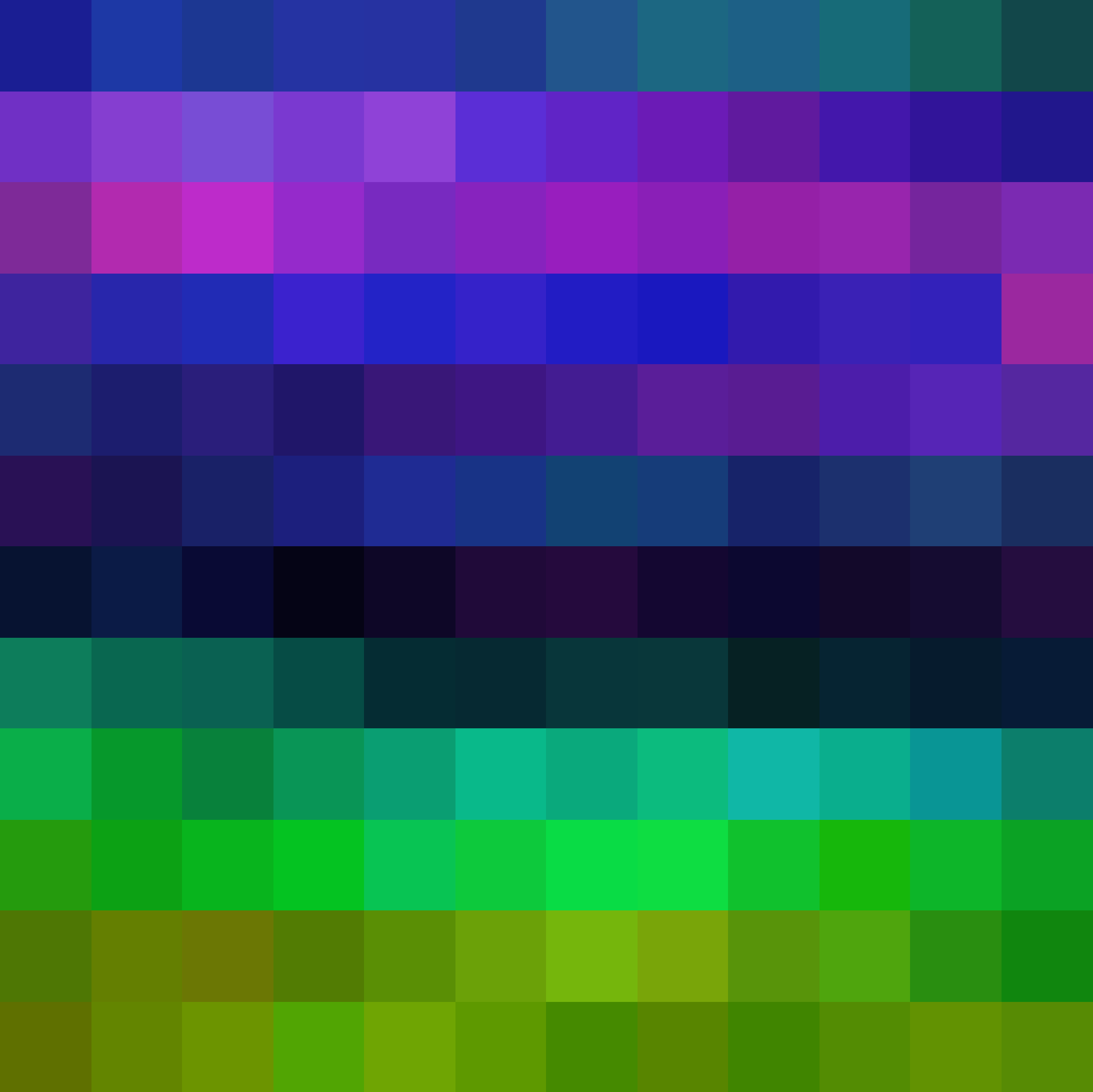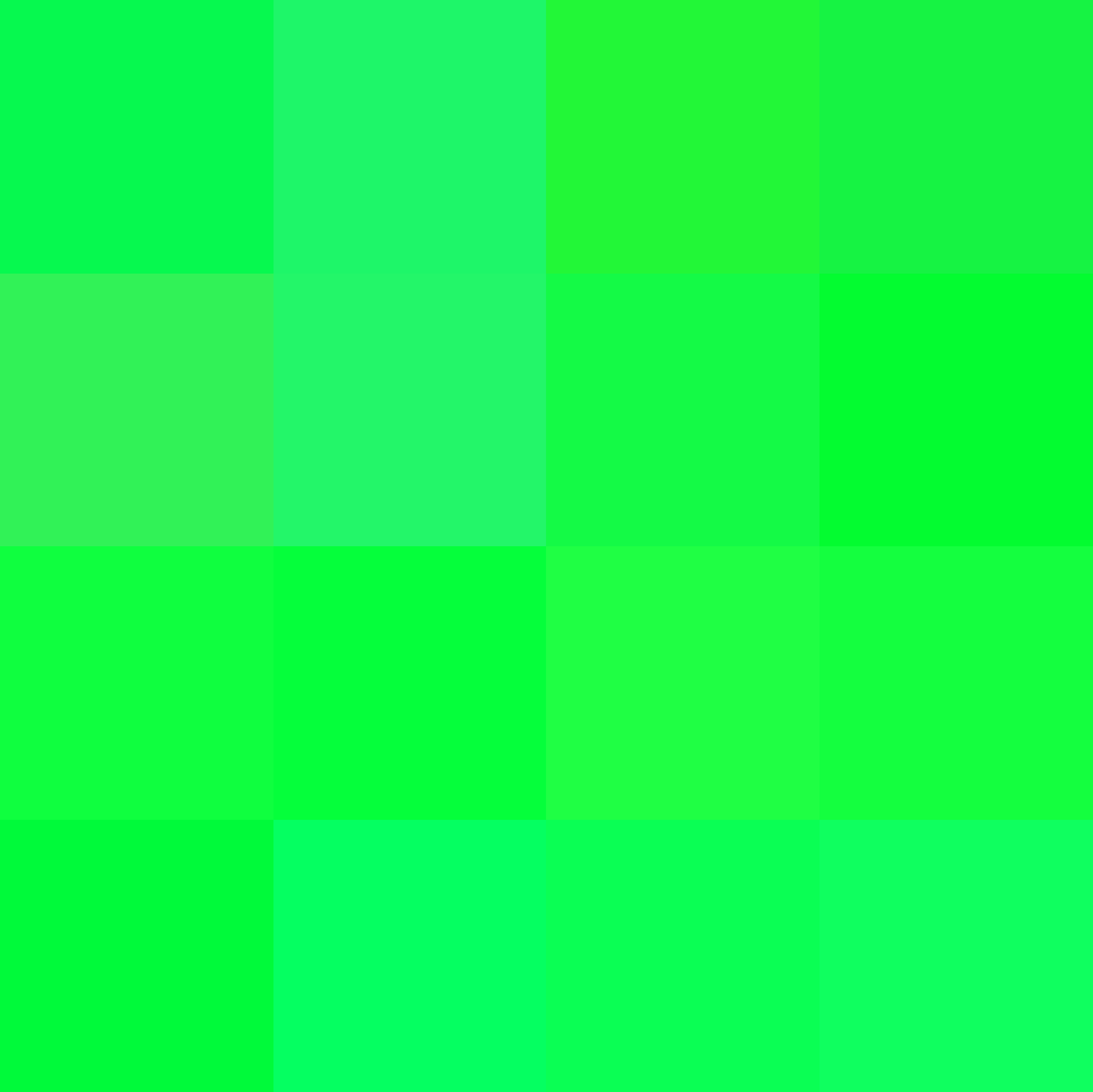
This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has quite some blue, some indigo, some cyan, a bit of purple, a bit of violet, a little bit of magenta, a little bit of lime, and a tiny bit of yellow in it.
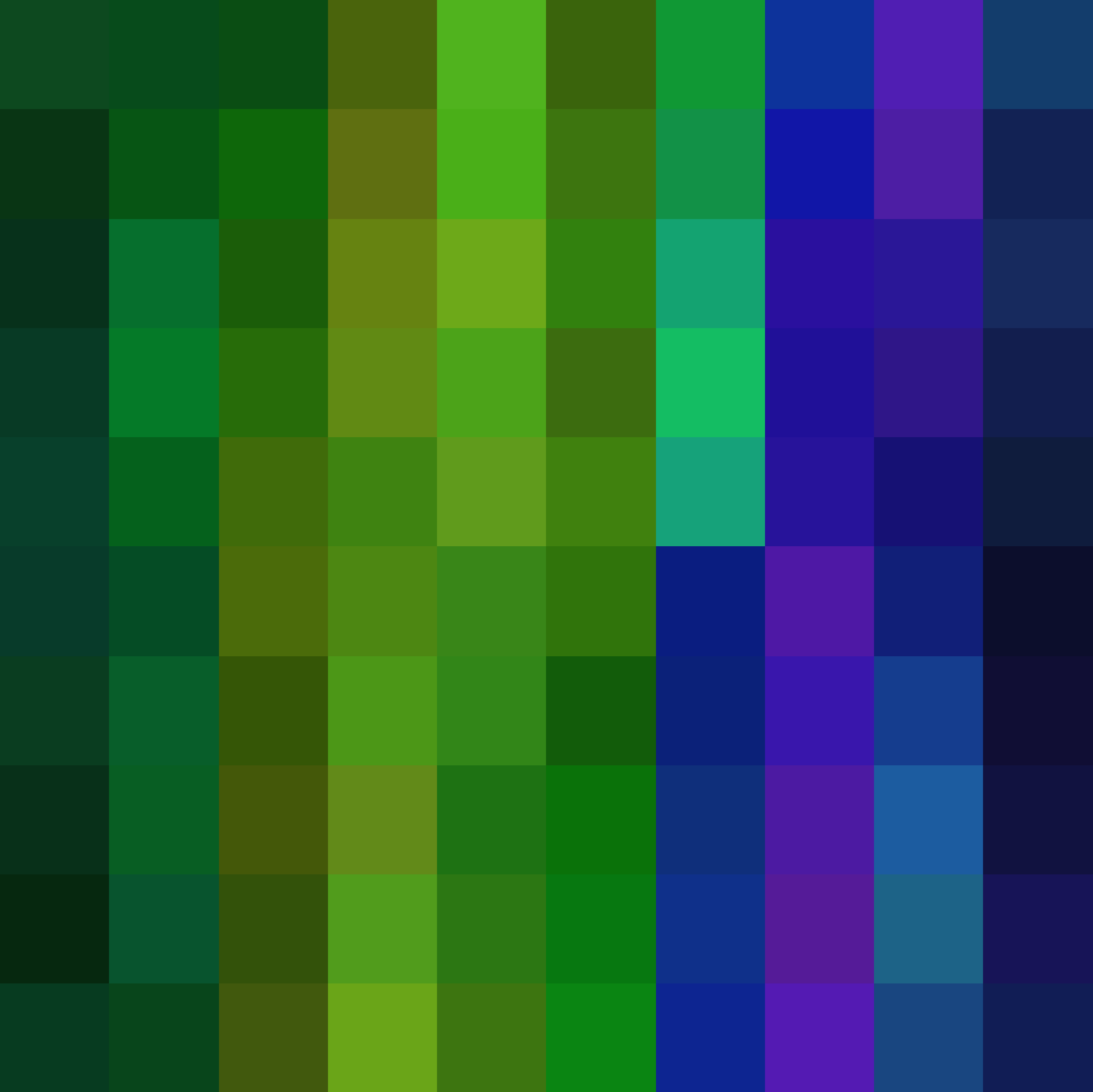
There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly magenta, and it also has quite some rose, some red, some purple, a little bit of violet, and a tiny bit of indigo in it.
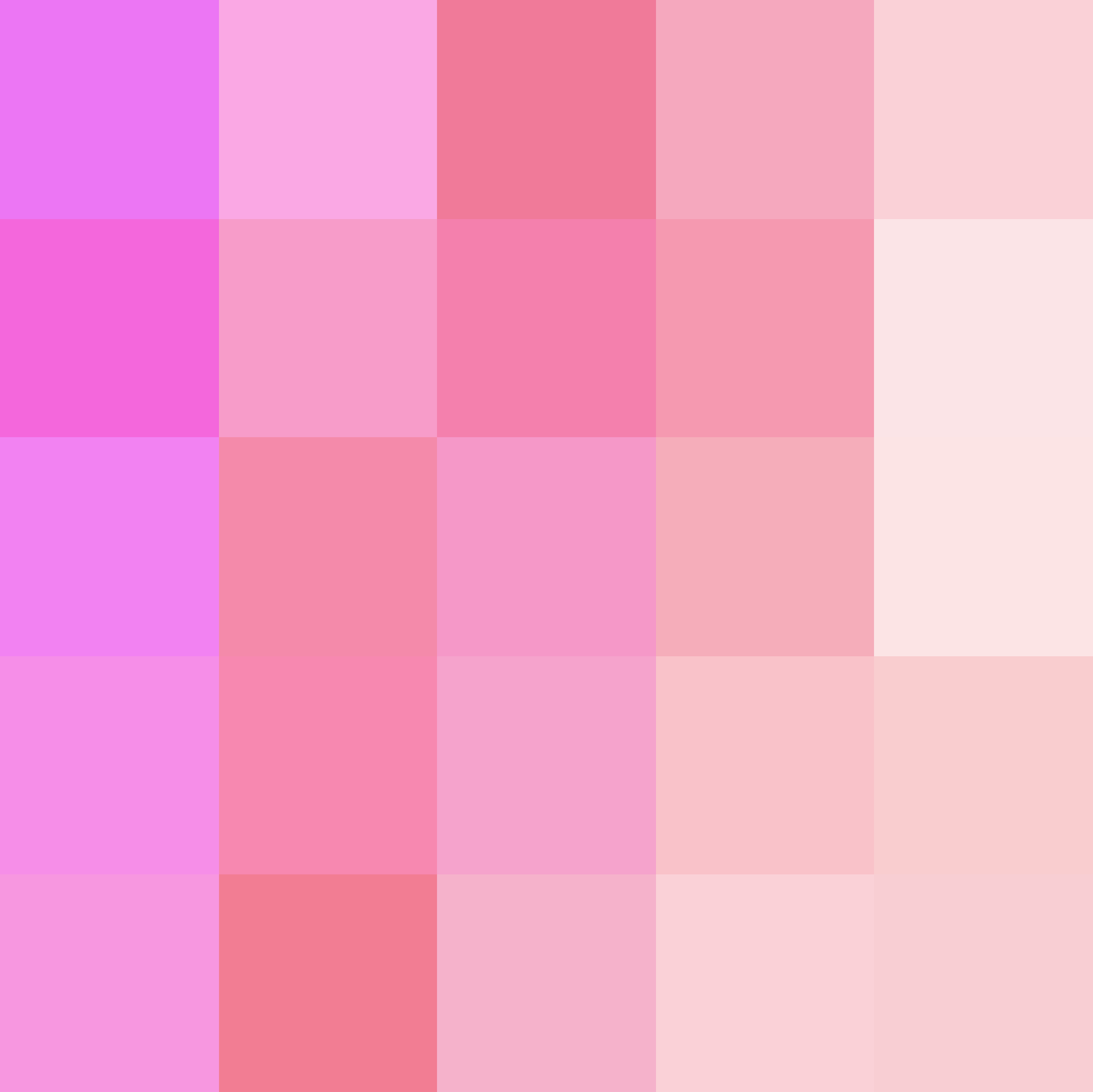
This gradient, generated in this 4 by 4 pixel grid, is mostly yellow, and it also has quite some orange, some red, and a little bit of lime in it.
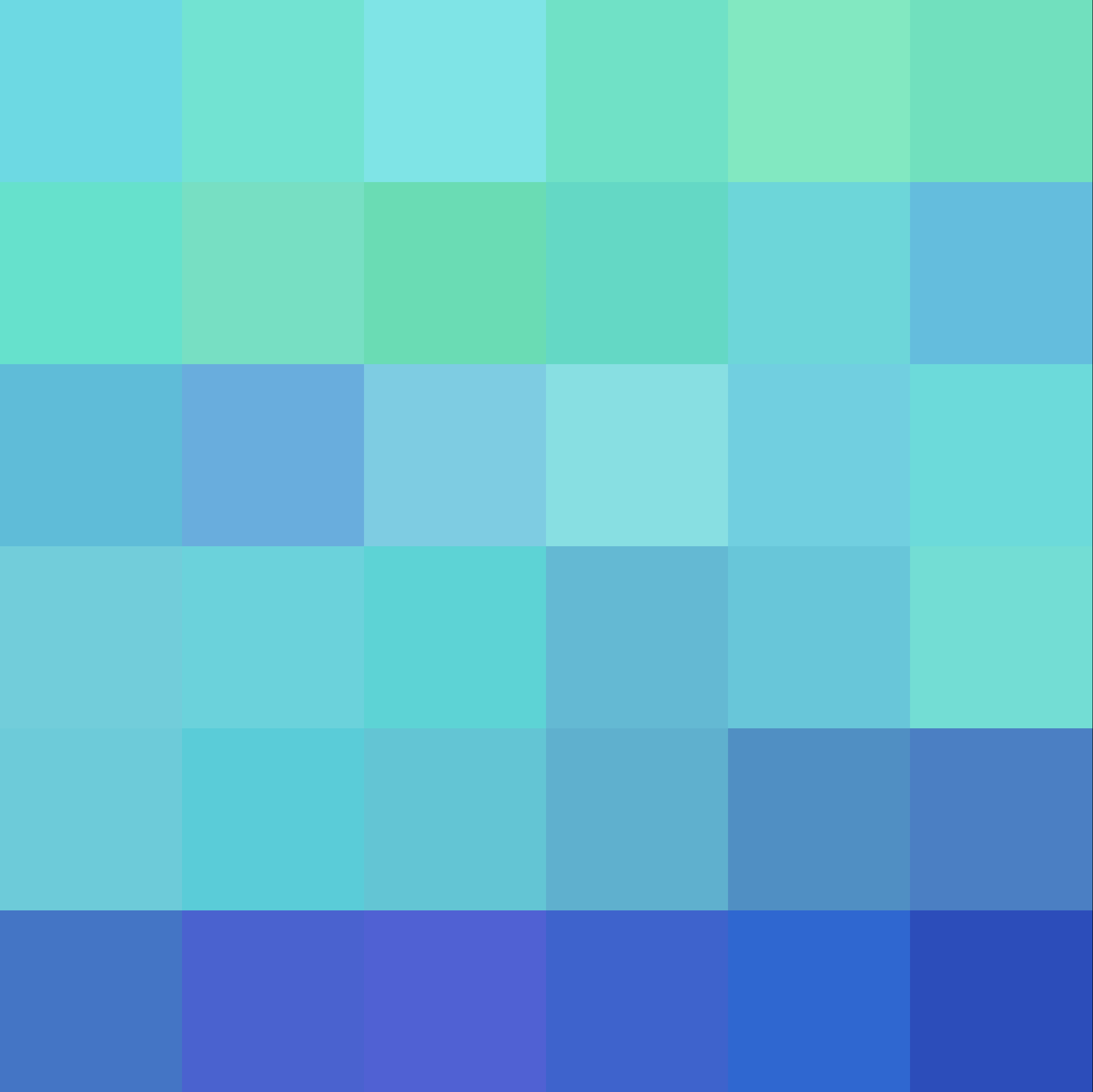
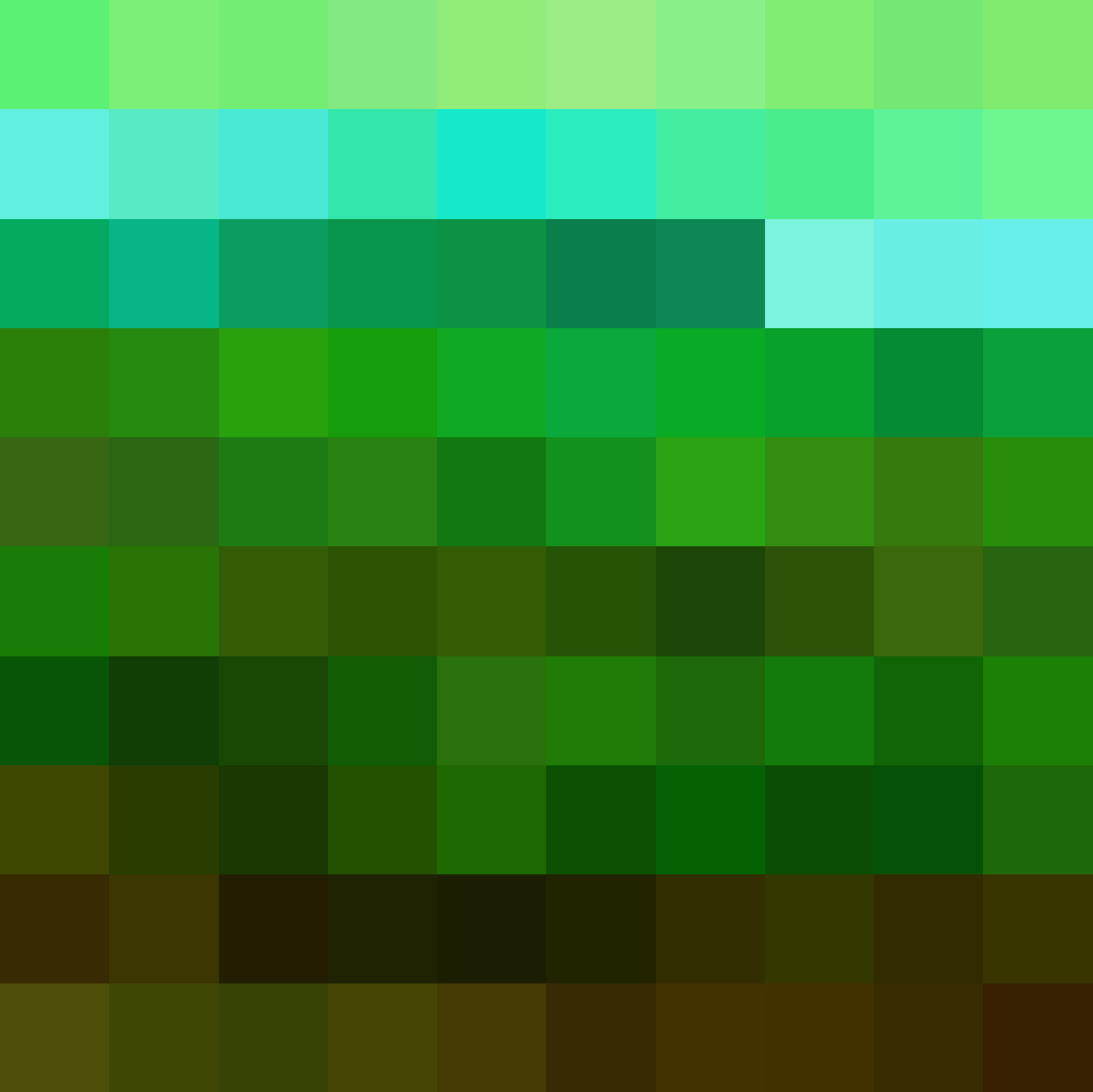The monochrome gradient in this 4 by 4 pixel grid is green.

This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, and it also has quite some blue, a bit of indigo, a little bit of violet, a little bit of lime, and a tiny bit of yellow in it.

The cells in this 5 by 5 pixel grid form a gradient. It is mostly red, and it also has quite some rose, and quite some magenta in it.

A grid of 36 blocks. It's mostly cyan, and it also has quite some blue, and a bit of green in it.
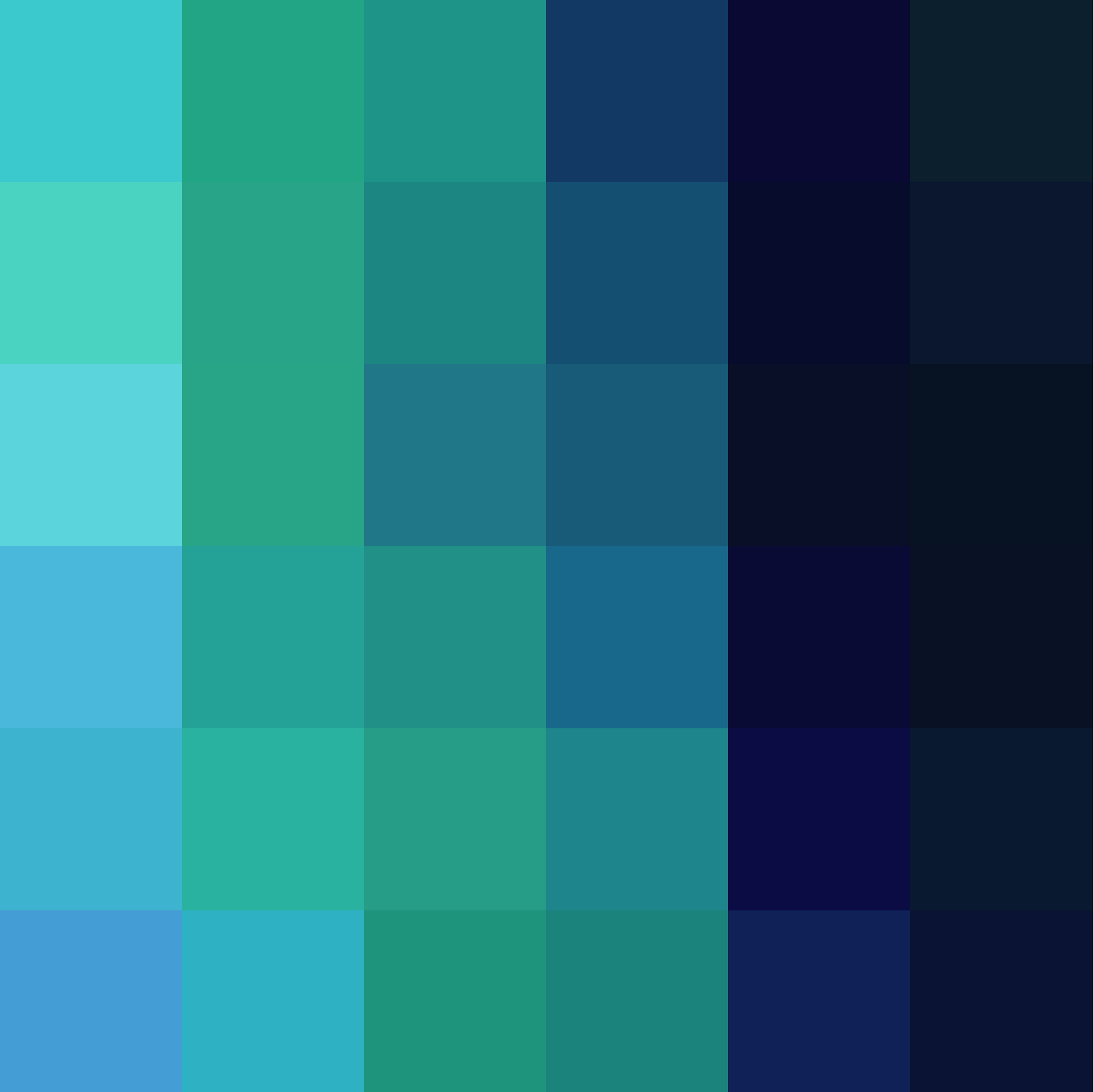
The colourful gradient in this 10 by 10 pixel grid is mostly green, and it also has some yellow, a bit of cyan, a little bit of orange, and a tiny bit of lime in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly red, and it also has some magenta, some rose, and a little bit of orange in it.
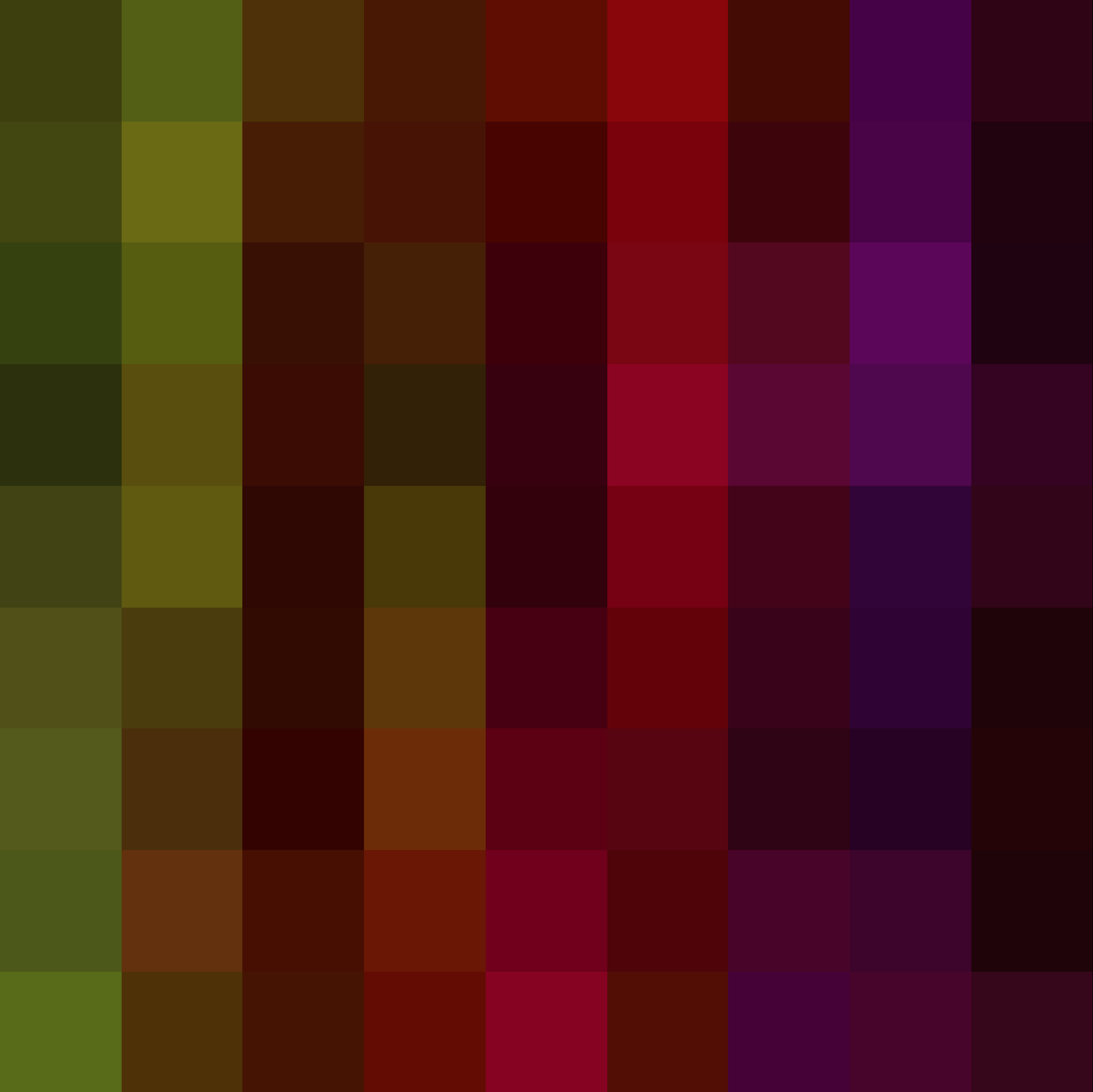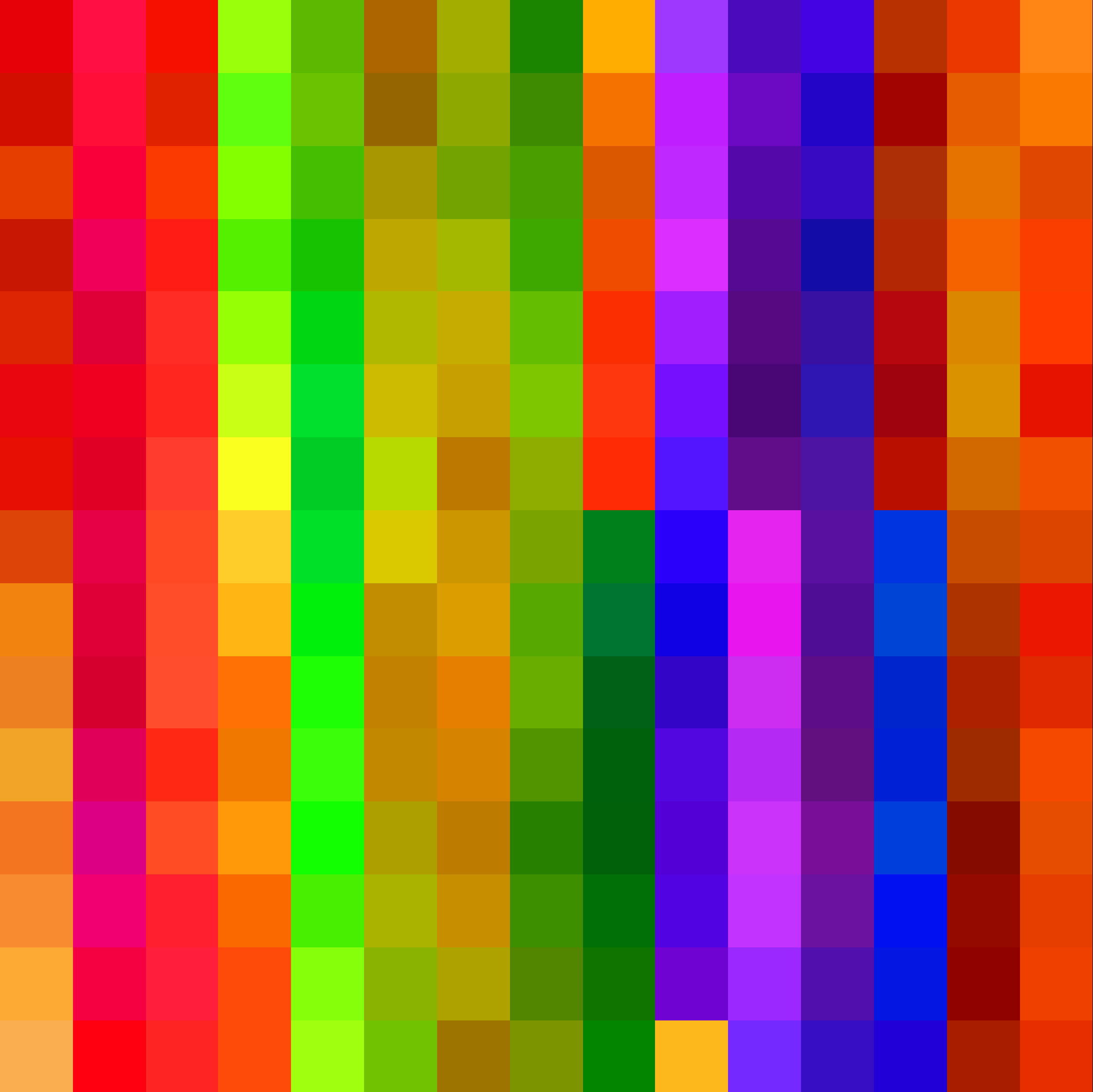
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly red, and it also has some yellow, some orange, and a little bit of lime in it.

The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly blue, but it also has a lot of cyan in it.
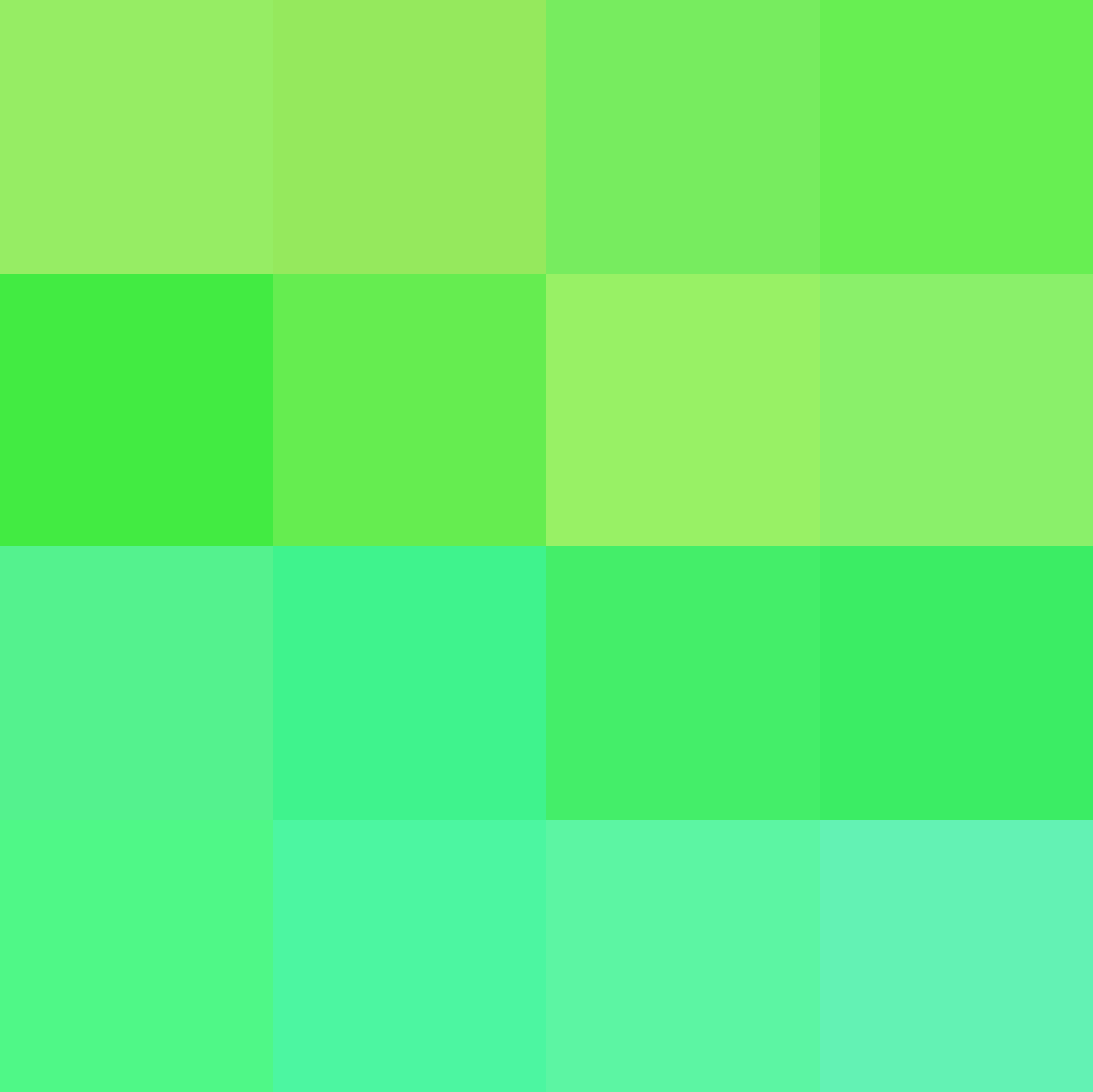
The monochrome gradient in this 4 by 4 pixel grid is green.

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

Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly green, but it also has quite some orange, quite some yellow, and some lime in it.
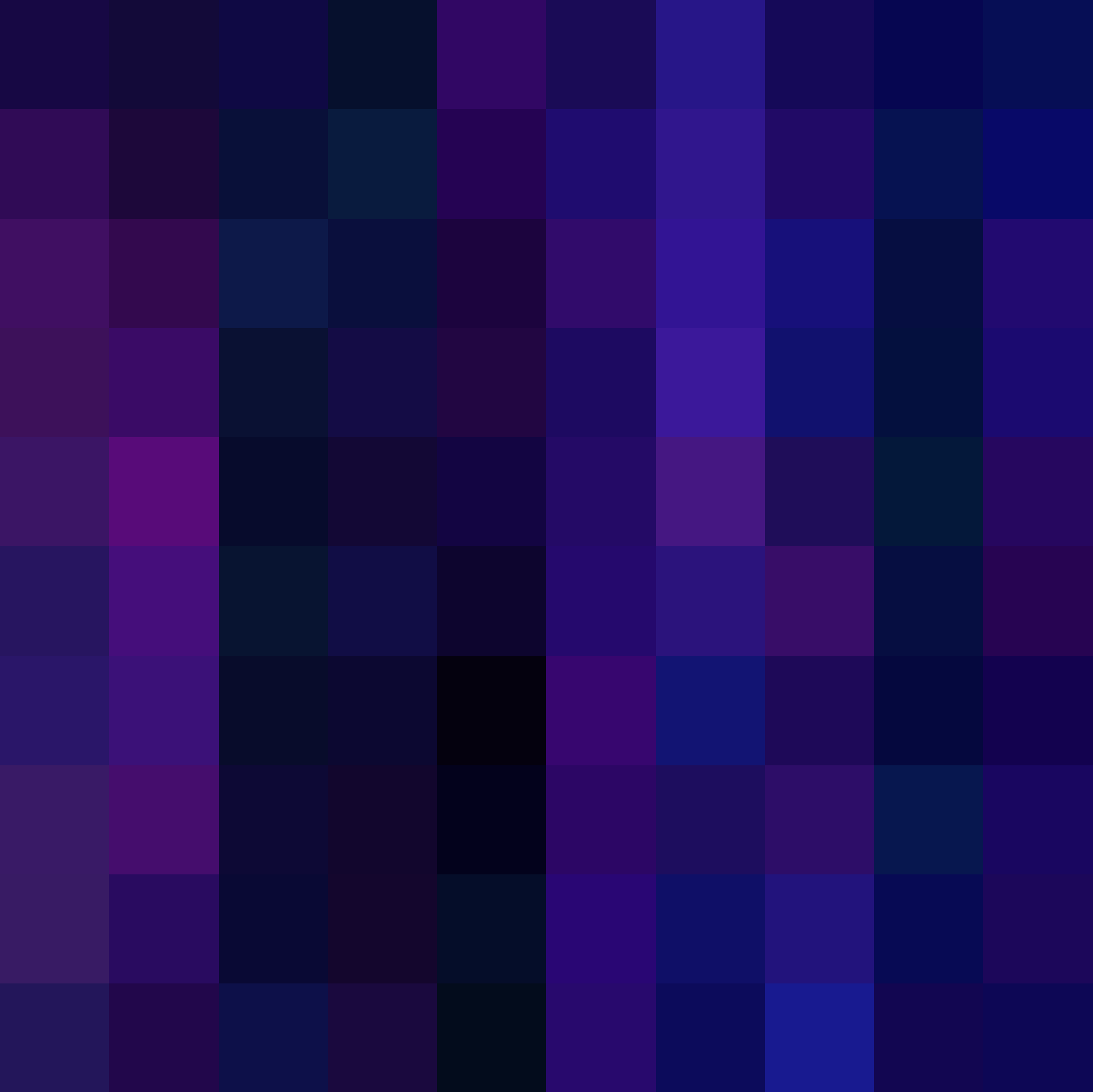
A 7 by 7 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly indigo, but it also has some rose, some blue, a bit of yellow, a bit of violet, a little bit of magenta, a little bit of purple, a little bit of red, a tiny bit of lime, and a tiny bit of orange in it.
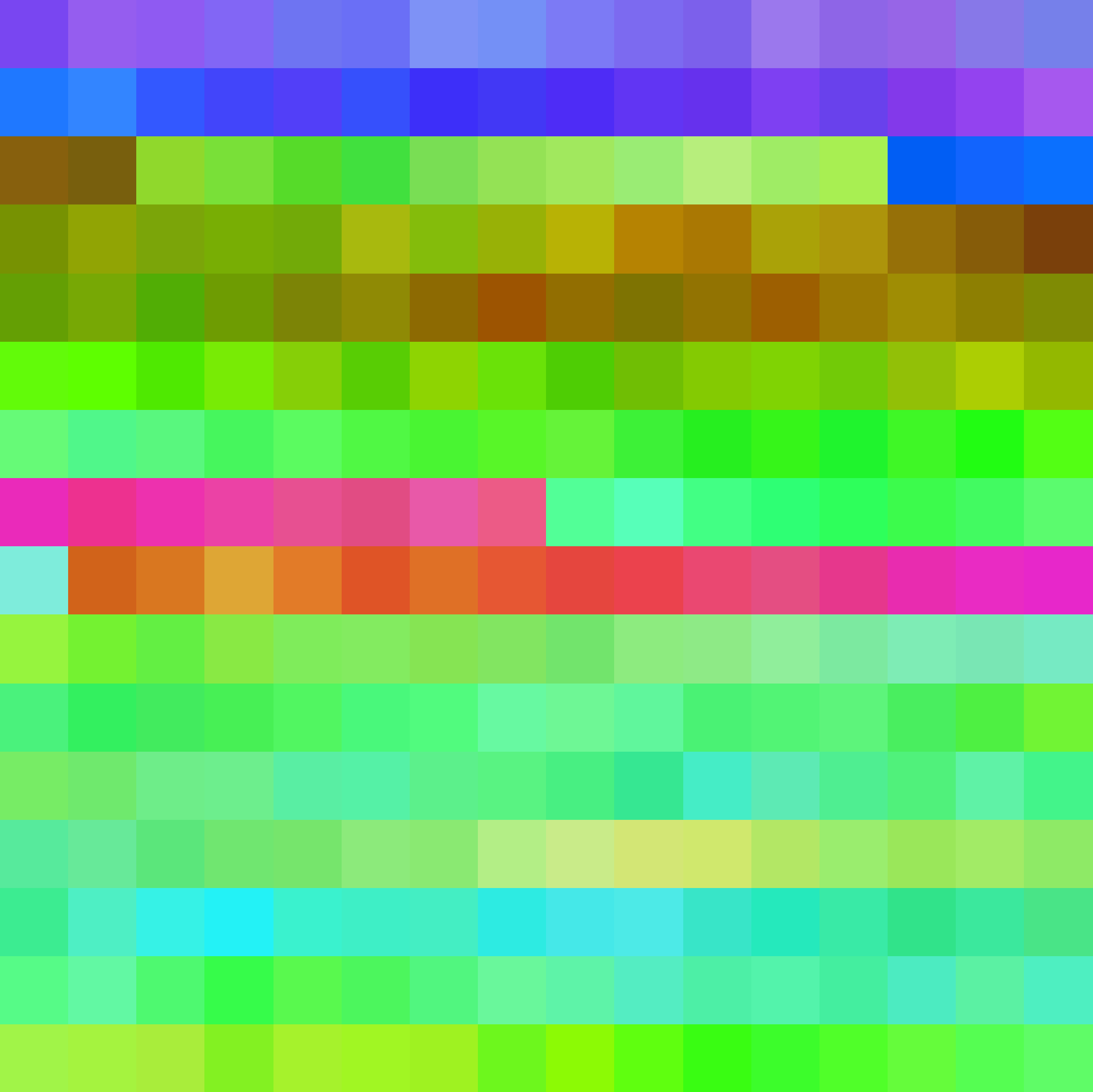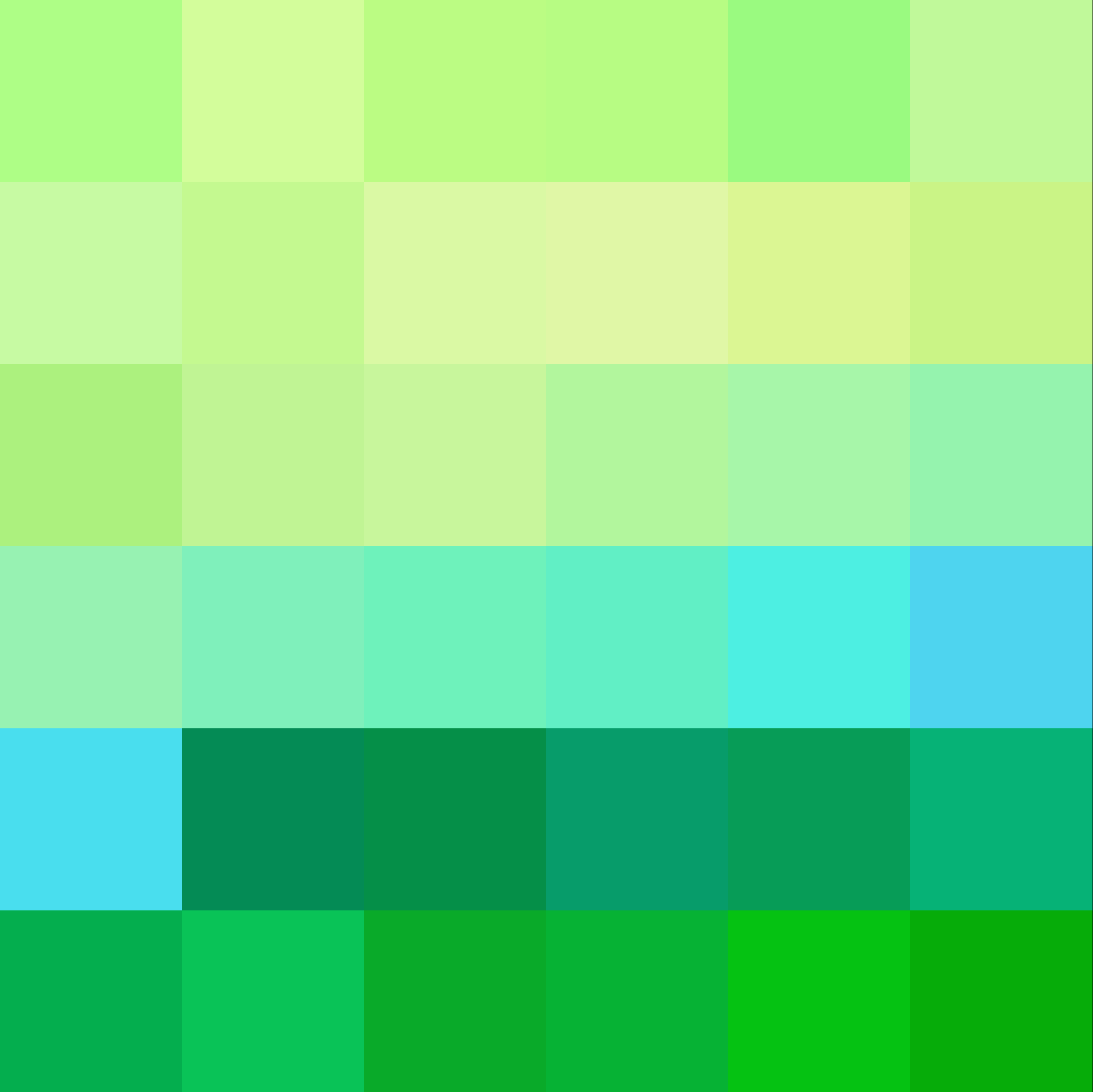
The very, very colourful gradient in this 16 by 16 pixel grid is mostly green, and it also has a bit of yellow, a little bit of indigo, a little bit of orange, a little bit of cyan, a little bit of blue, a little bit of lime, a little bit of rose, a tiny bit of violet, a tiny bit of magenta, a tiny bit of red, and a tiny bit of purple in it.
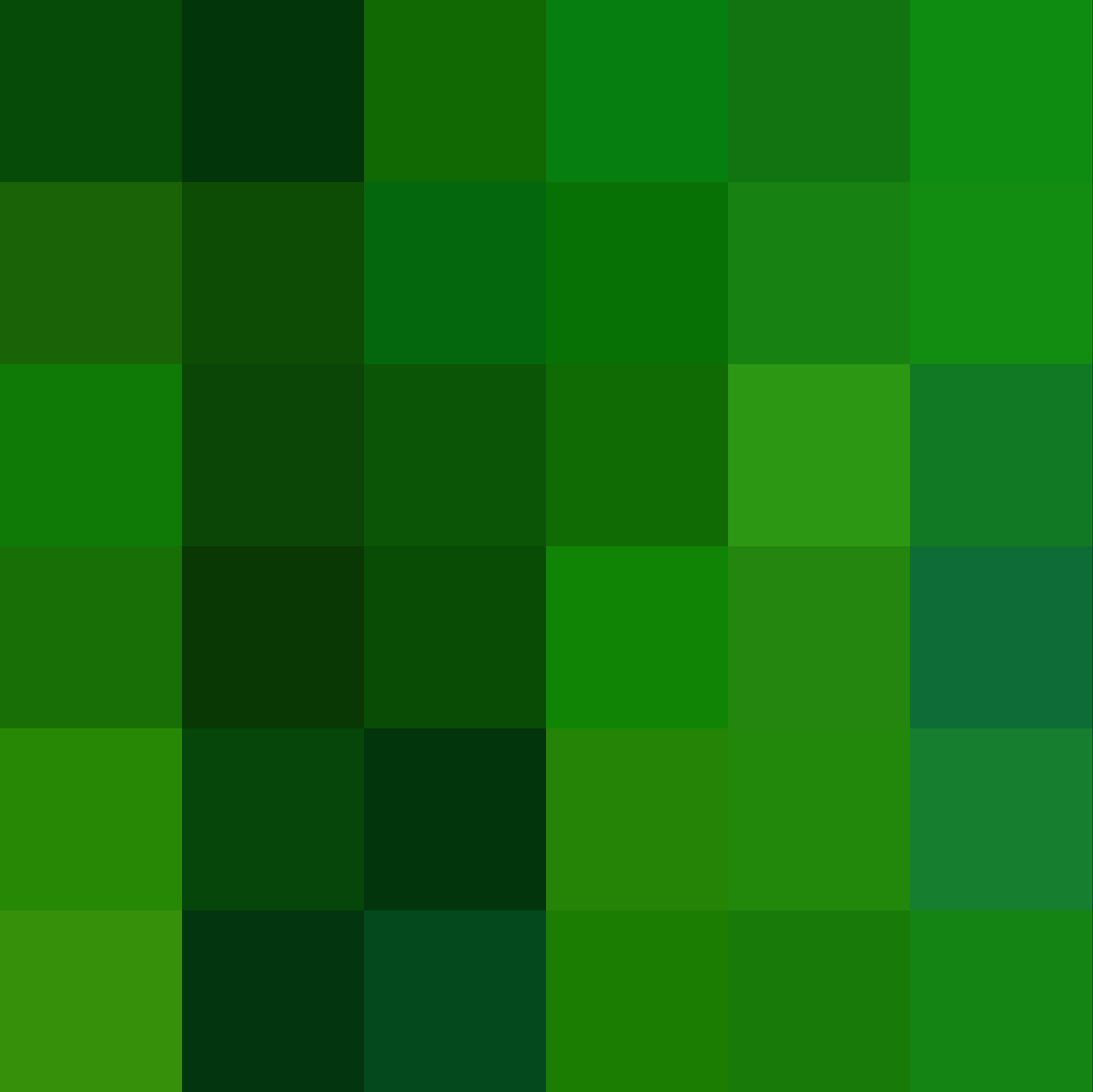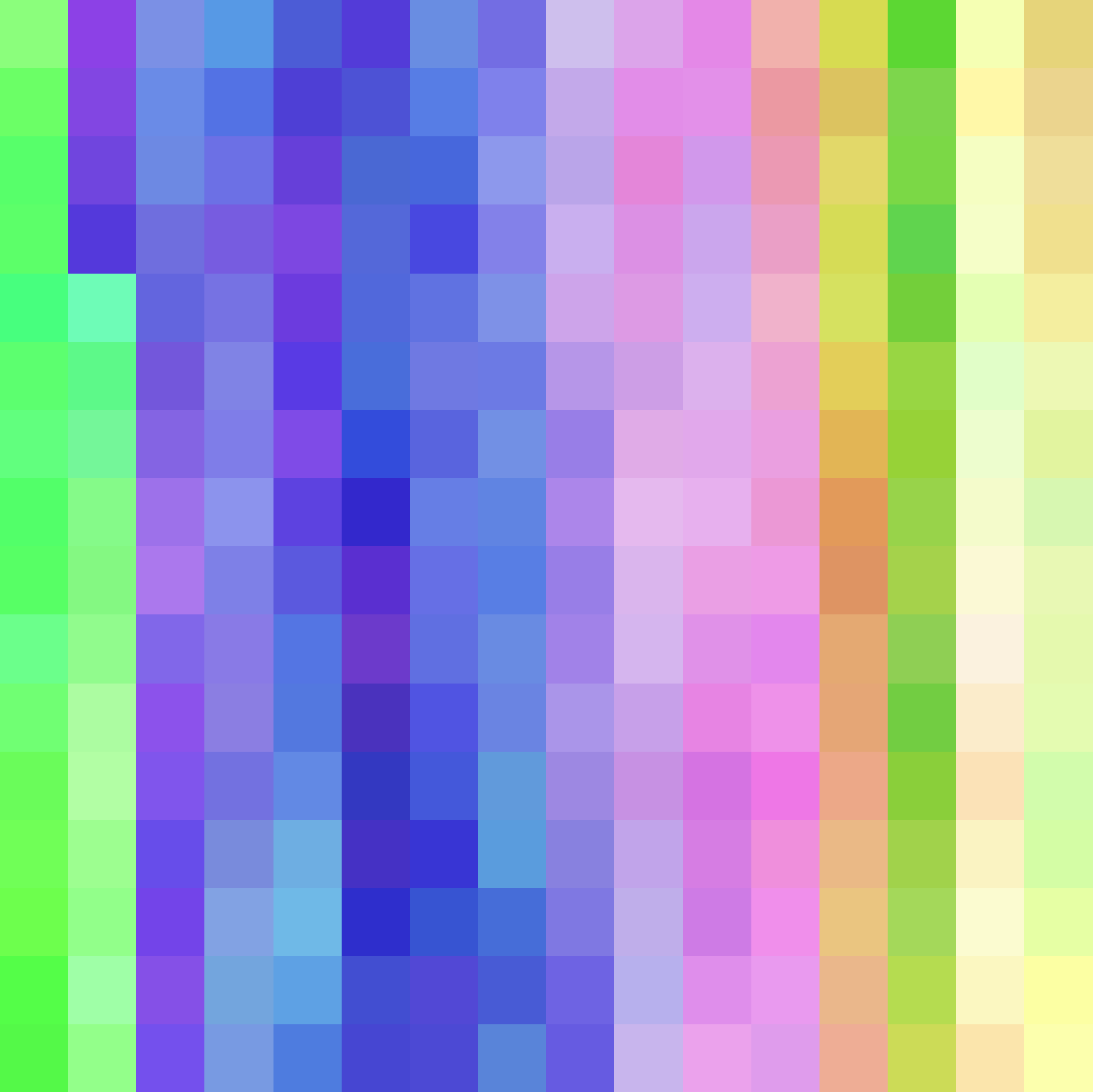
This monochrome gradient, generated in this 6 by 6 pixel grid, is green.

A grid of 100 blocks. It's mostly indigo, but it also has quite some blue, quite some violet, and a little bit of purple in it.
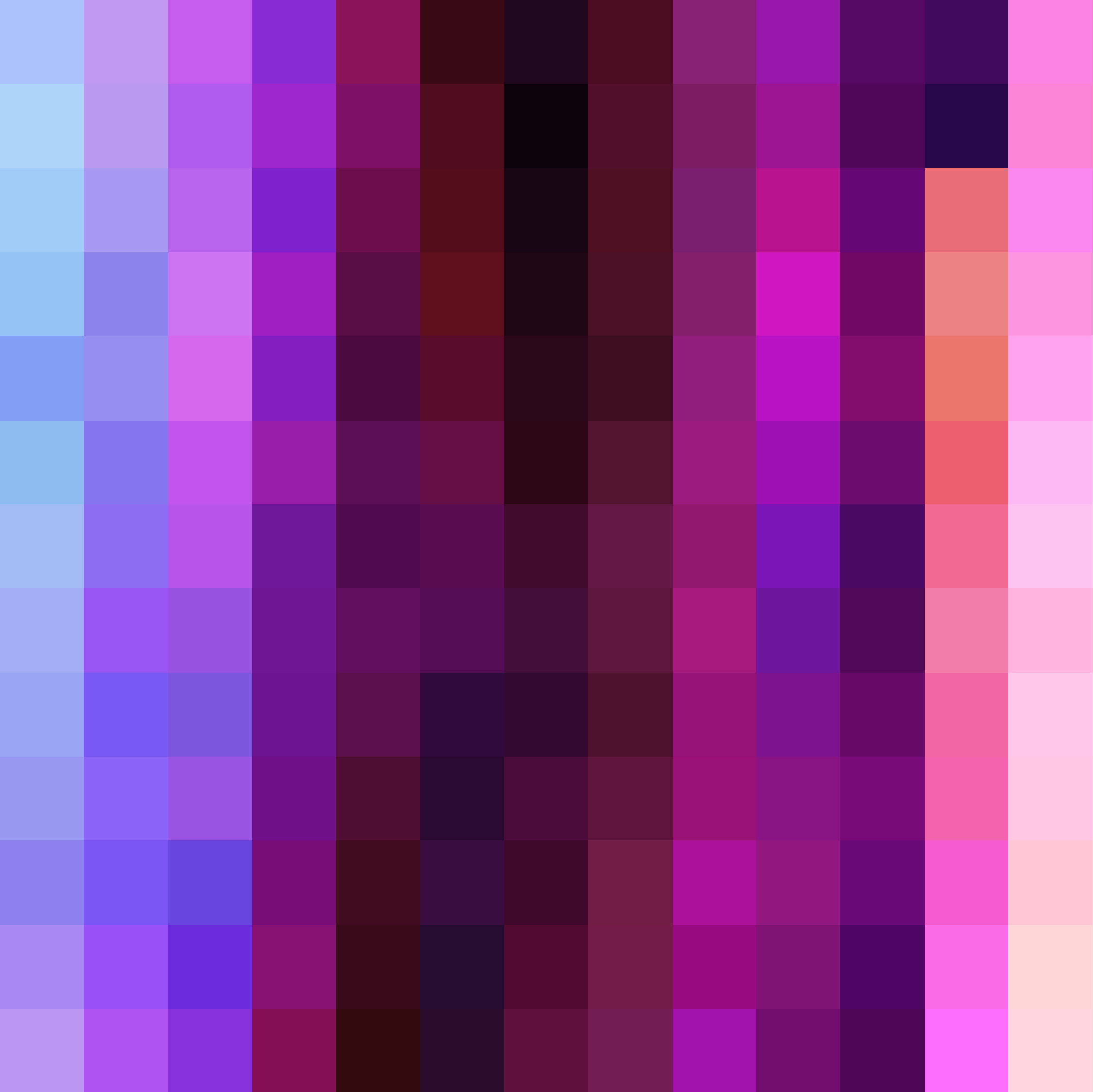
The cells in this 6 by 6 pixel grid form a gradient. It is mostly green, but it also has a bit of cyan, and a little bit of lime in it.
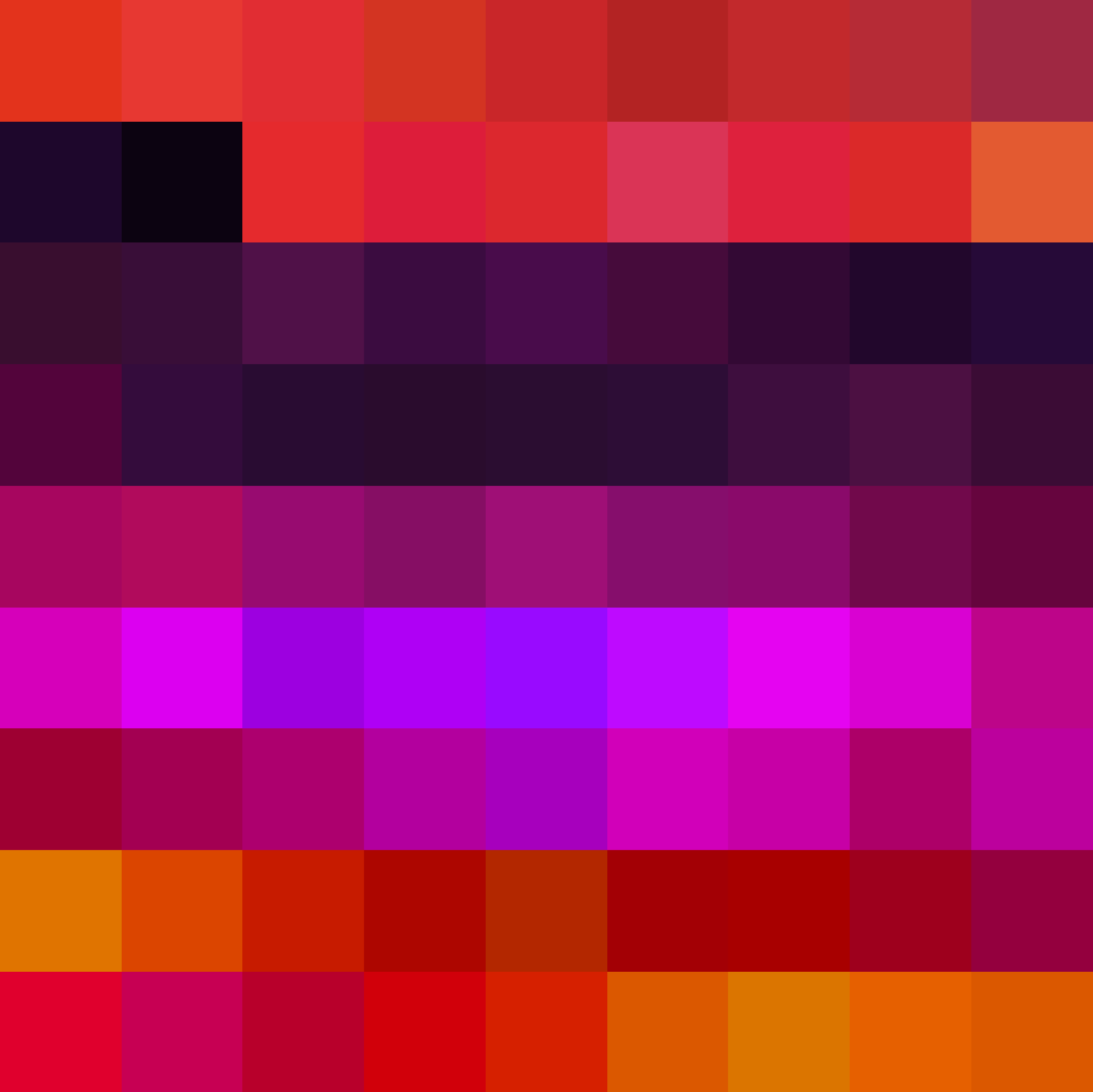
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some green, some indigo, a bit of magenta, a bit of yellow, a little bit of orange, a little bit of violet, a little bit of purple, a tiny bit of lime, a tiny bit of rose, and a tiny bit of red in it.
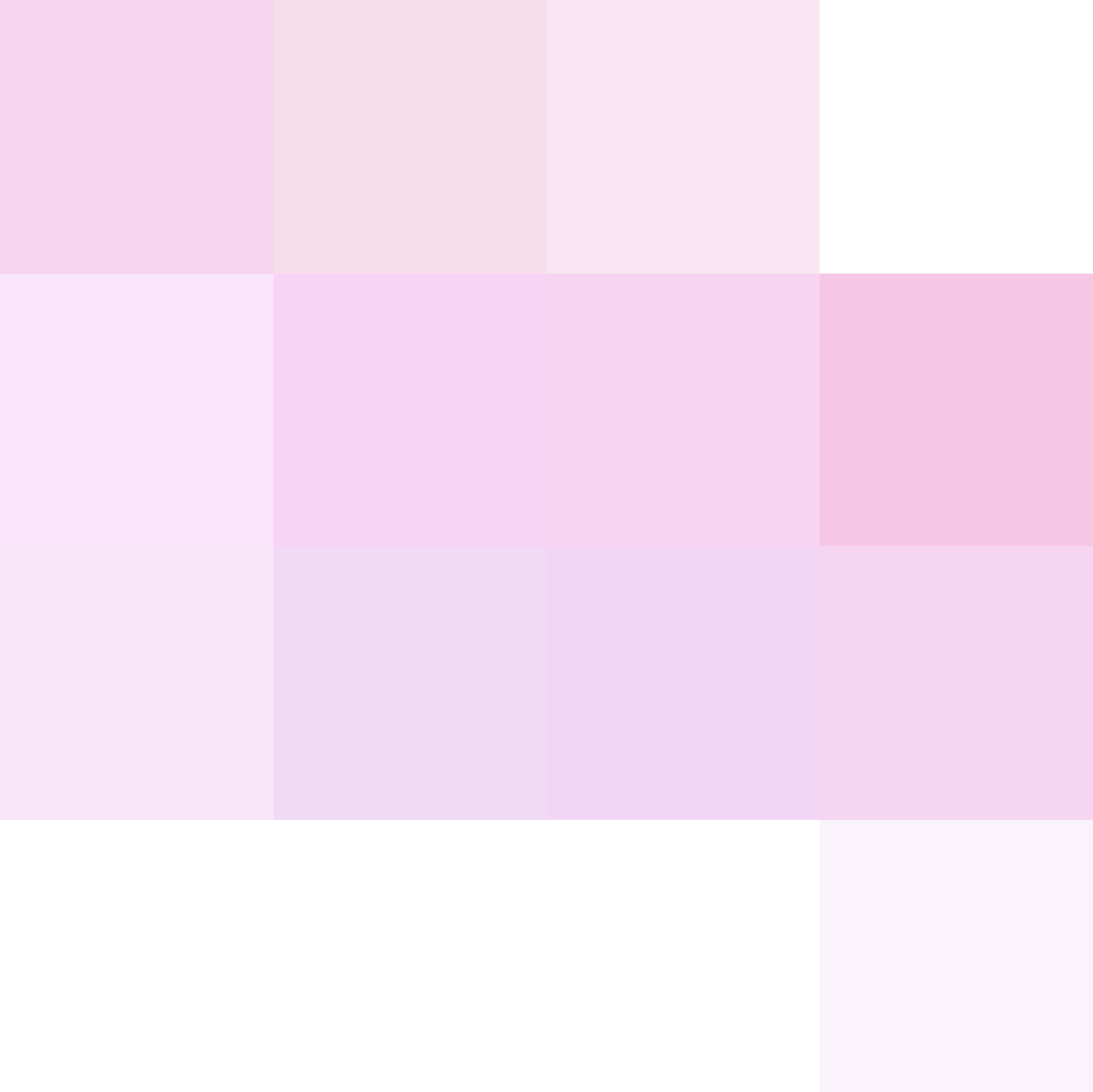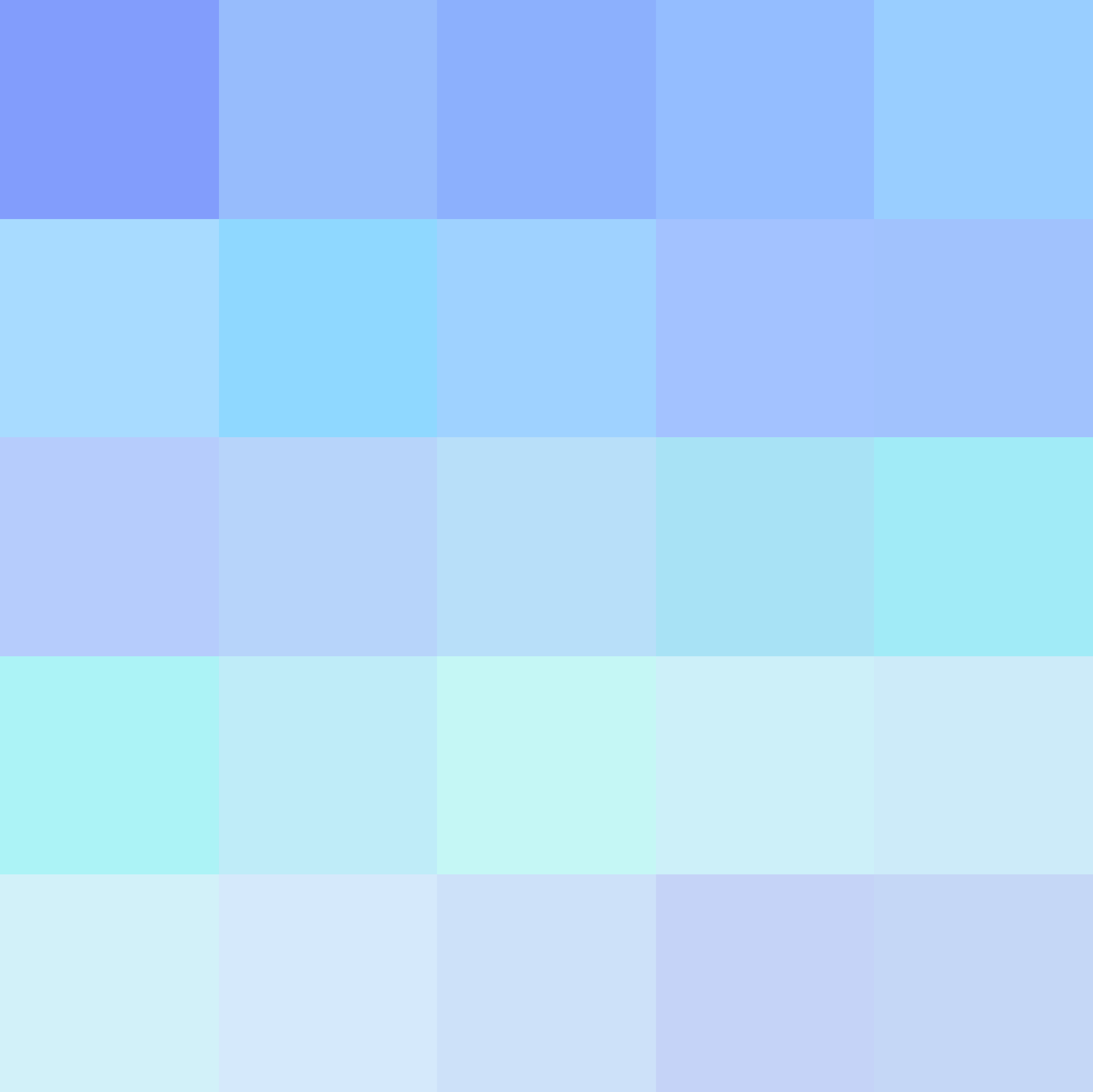
The gradient in this 4 by 4 pixel grid is mostly magenta, and it also has quite some purple, some rose, and a little bit of violet in it.
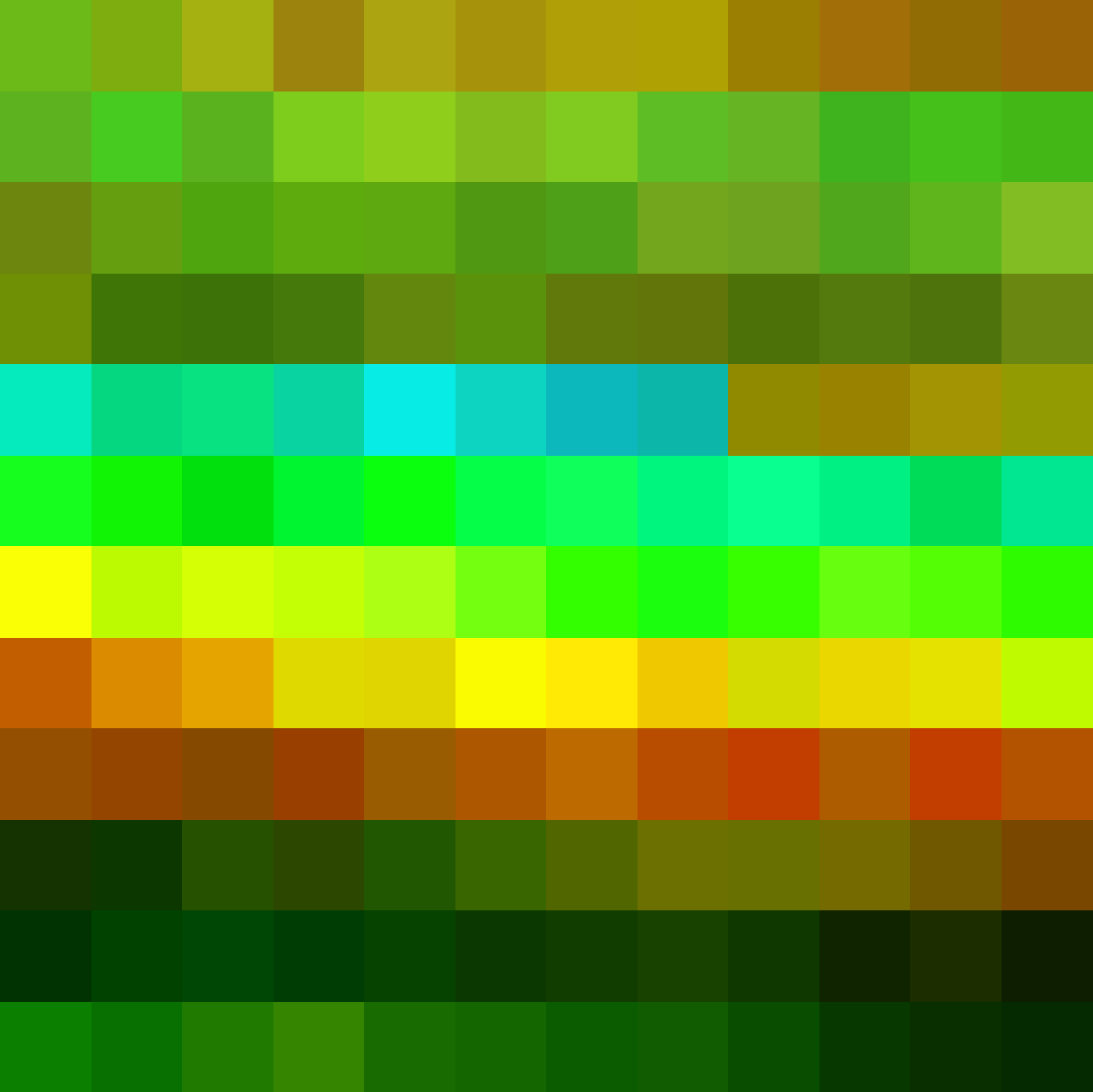
The very colourful gradient in this 13 by 13 pixel grid is mostly magenta, and it also has some purple, some rose, a bit of indigo, a bit of red, a little bit of blue, and a little bit of violet in it.

The cells in this 9 by 9 pixel grid form a colourful gradient. It is mostly magenta, and it also has quite some red, some purple, a bit of rose, and a bit of orange in it.

The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly blue, and it also has quite some cyan in it.

This colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has some yellow, some orange, a bit of lime, and a little 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 green, and it also has some orange, some magenta, some yellow, a bit of red, a little bit of rose, a tiny bit of purple, and a tiny bit of lime in it.
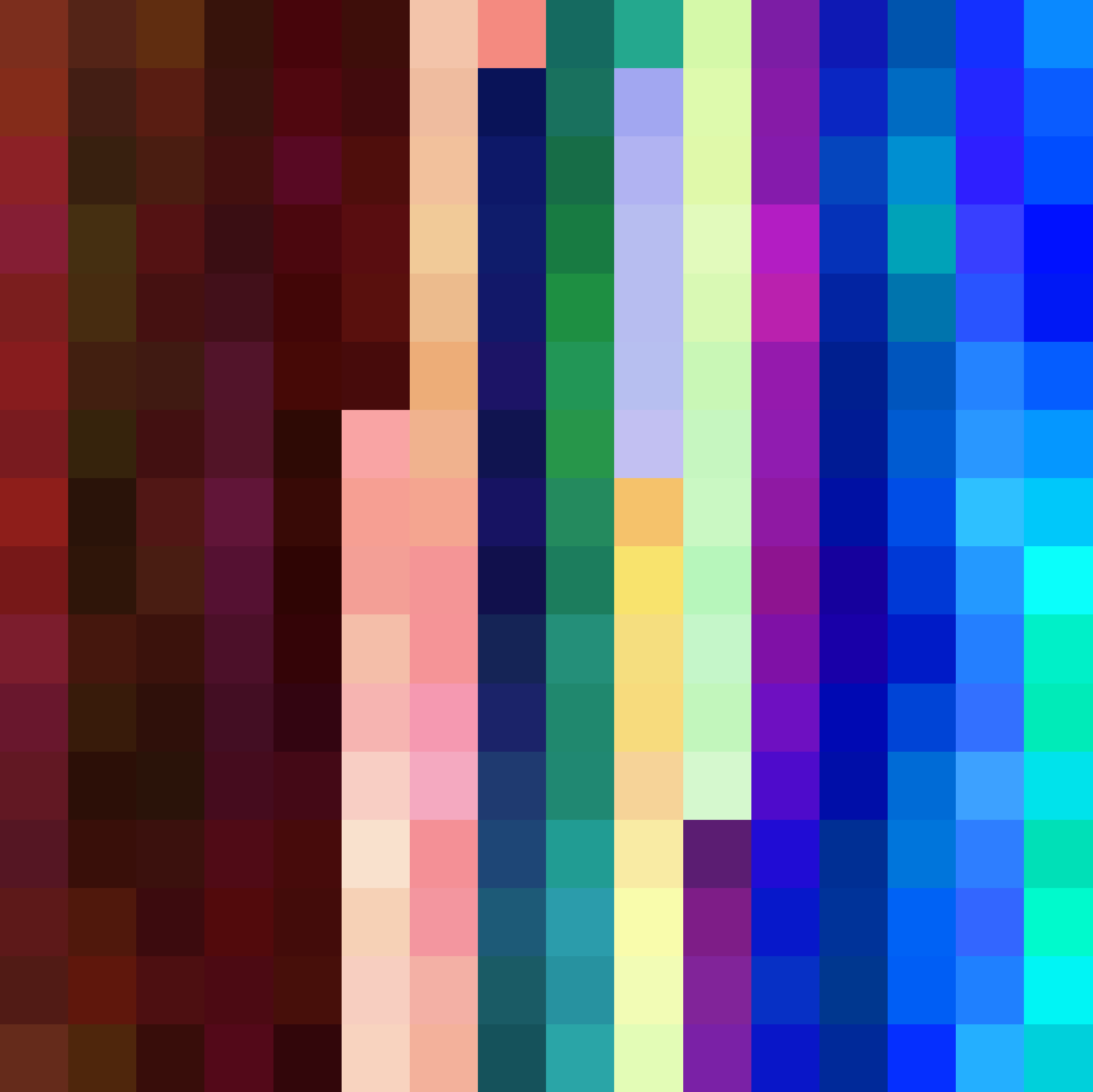
A very, very colourful grid of 256 blocks. It's mostly red, but it also has quite some blue, a bit of orange, a bit of cyan, a bit of green, a little bit of purple, a little bit of indigo, a tiny bit of yellow, a tiny bit of magenta, a tiny bit of rose, a tiny bit of lime, and a tiny bit of violet in it.
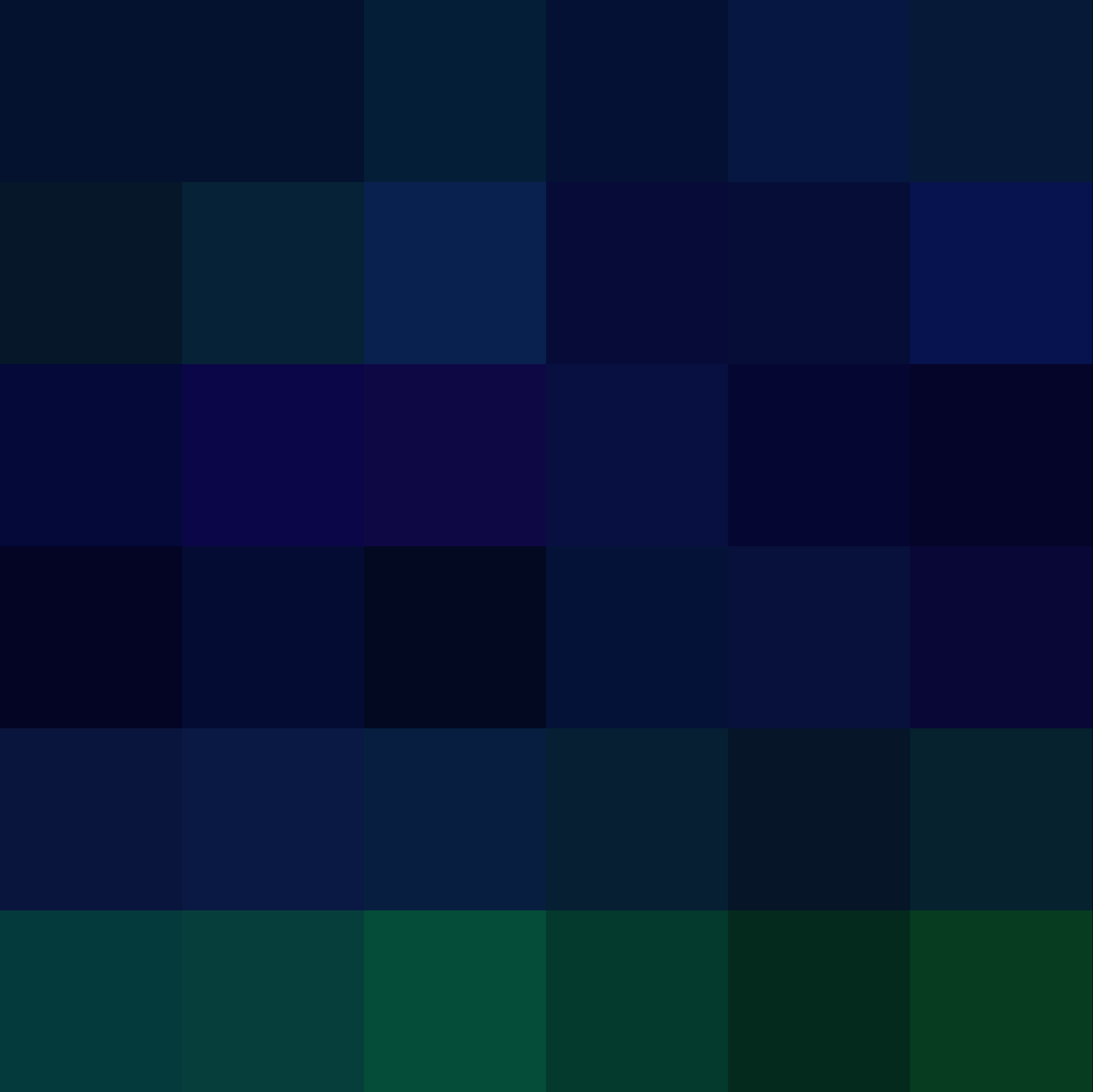
A grid of 36 blocks. It's mostly blue, and it also has some indigo, a bit of cyan, and a bit of green in it.

A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some red, some rose, a little bit of indigo, a little bit of violet, a tiny bit of blue, and a tiny bit of orange in it.
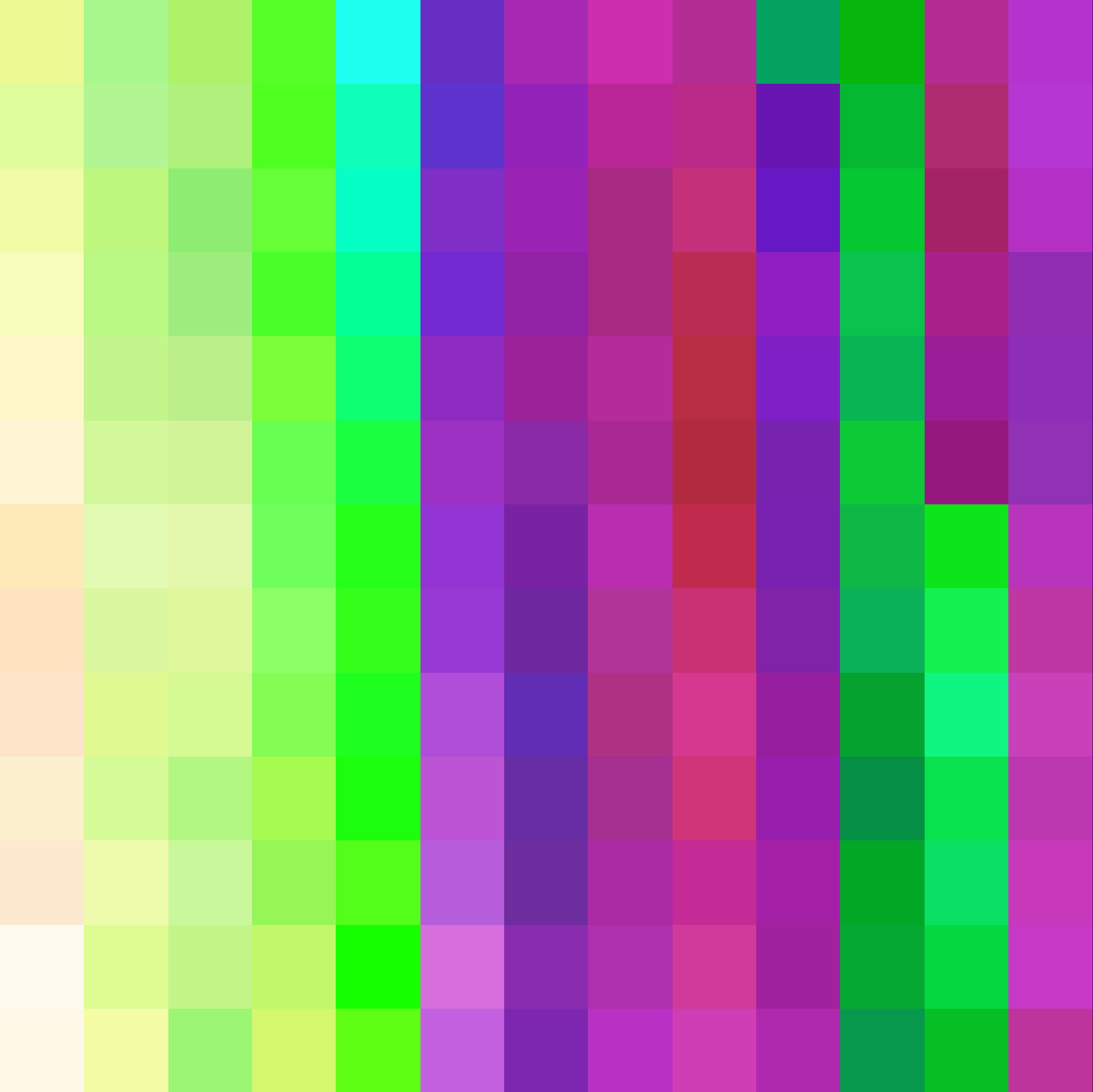
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some magenta, some purple, a little bit of orange, a little bit of yellow, a little bit of lime, a little bit of rose, a little bit of violet, a tiny bit of red, a tiny bit of cyan, and a tiny bit of indigo in it.
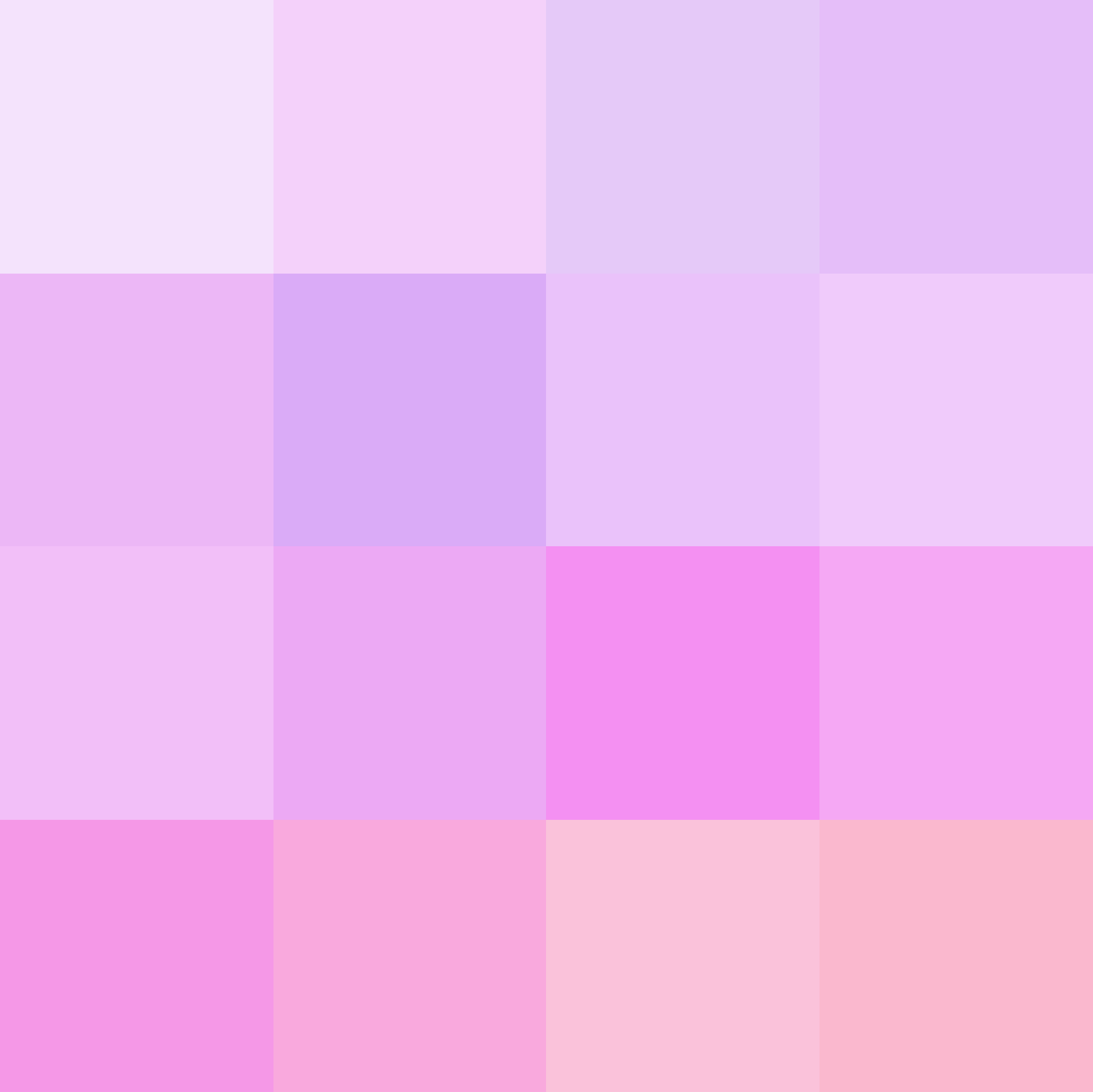
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly purple, but it also has quite some magenta, and some rose in it.
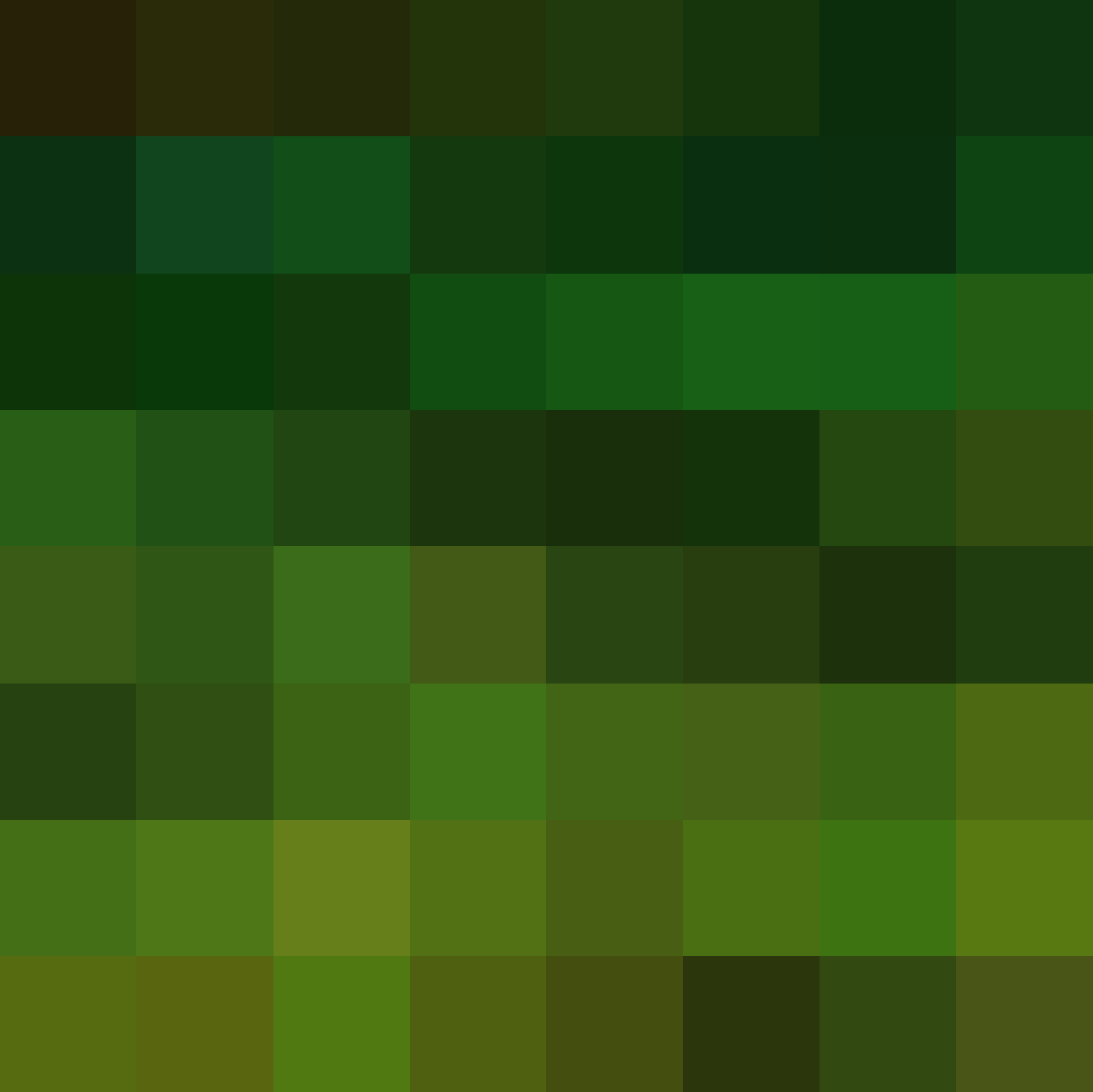
There's a two tone pixel gradient in this 7 by 7 grid. It is mostly red, and it also has a little bit of orange in it.
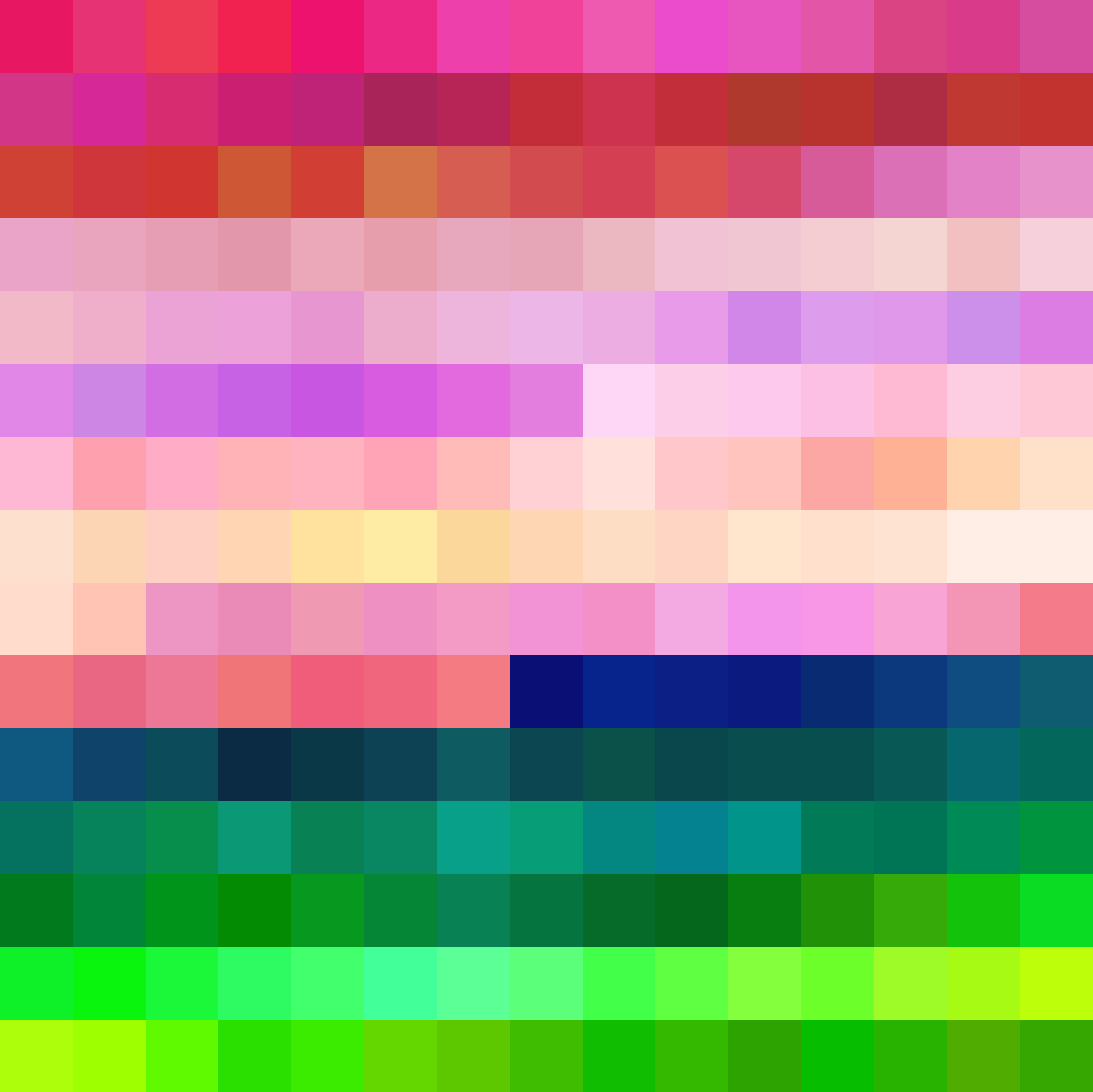
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some red, some rose, some magenta, a bit of cyan, a bit of orange, a little bit of blue, a little bit of purple, a tiny bit of yellow, and a tiny bit of lime in it.
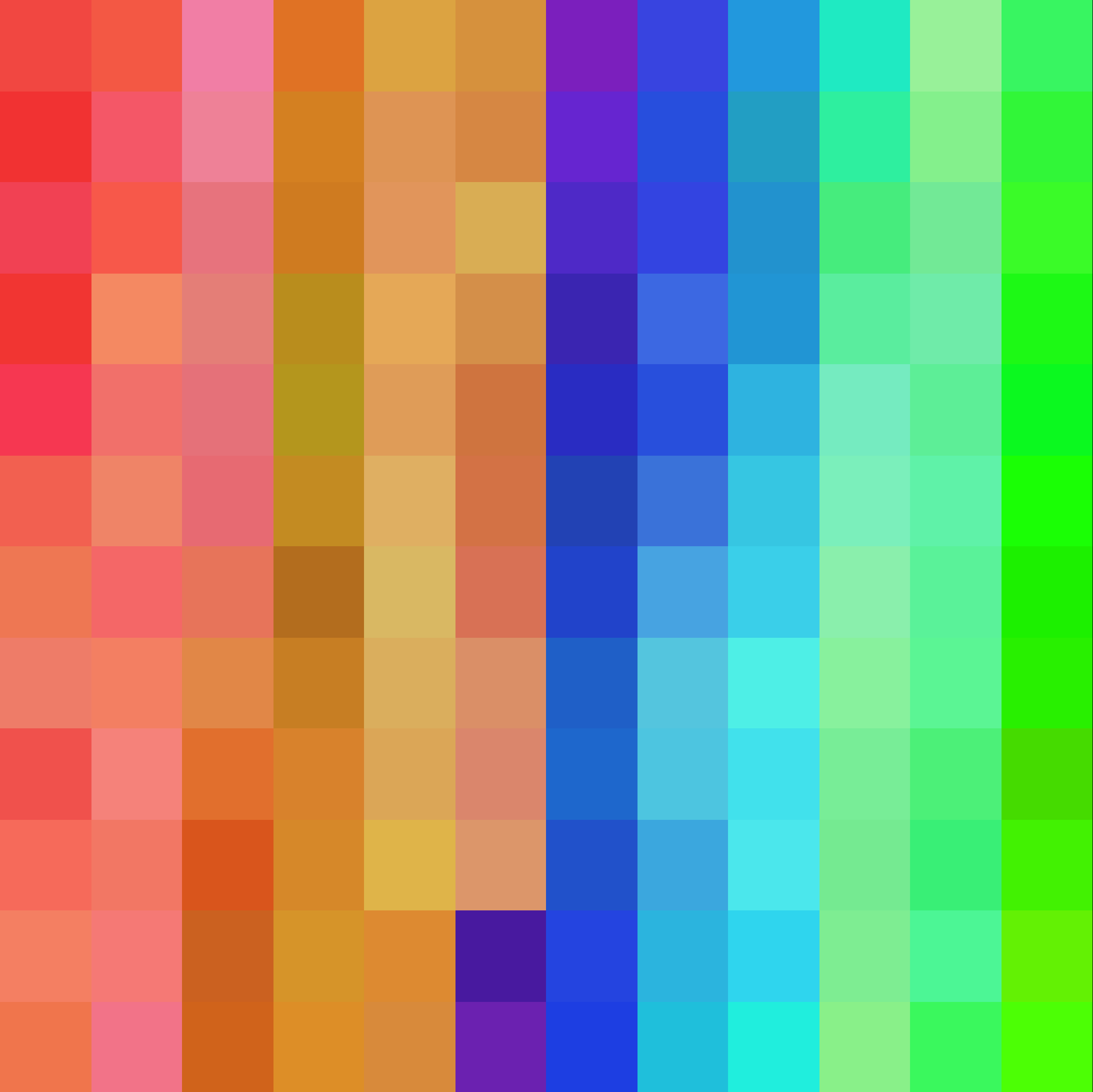
There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly orange, but it also has quite some green, quite some red, some blue, a bit of cyan, a tiny bit of violet, a tiny bit of purple, a tiny bit of indigo, and a tiny bit of yellow in it.
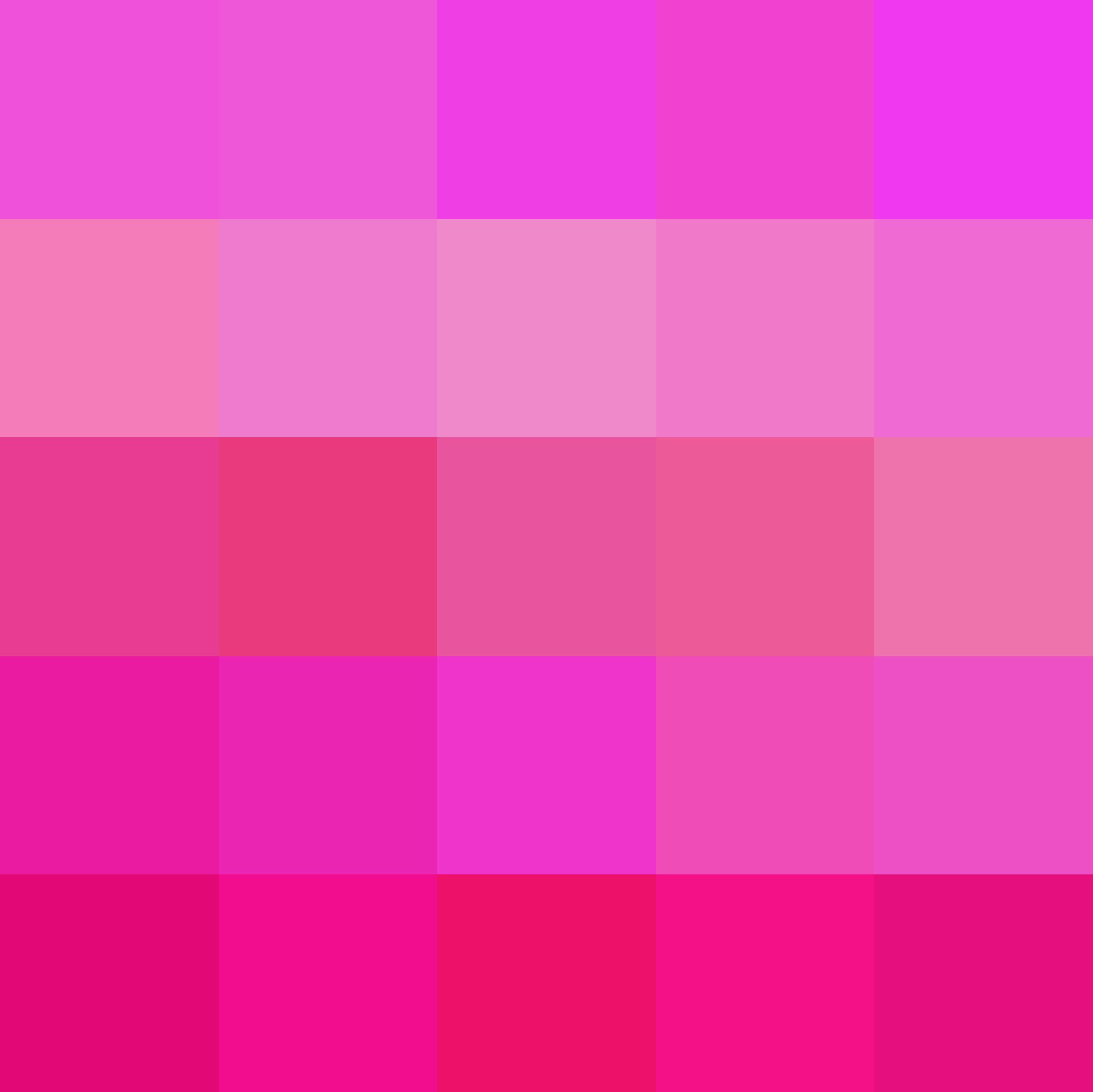
A grid of 64 blocks. It's mostly green, and it also has some lime, and a bit of yellow in it.
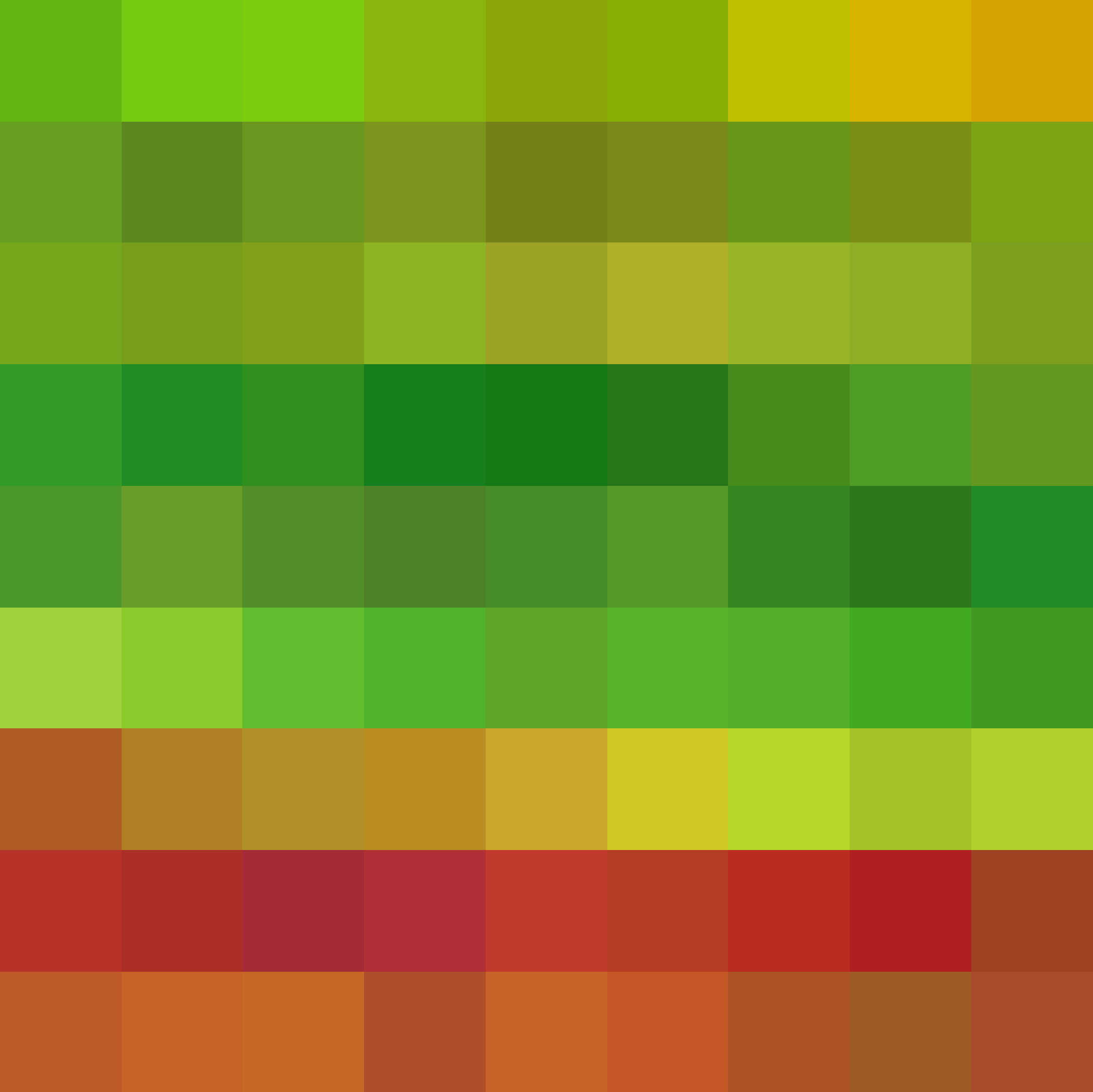
The very colourful gradient in this 13 by 13 pixel grid is mostly red, and it also has quite some magenta, quite some rose, a bit of purple, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of orange in it.
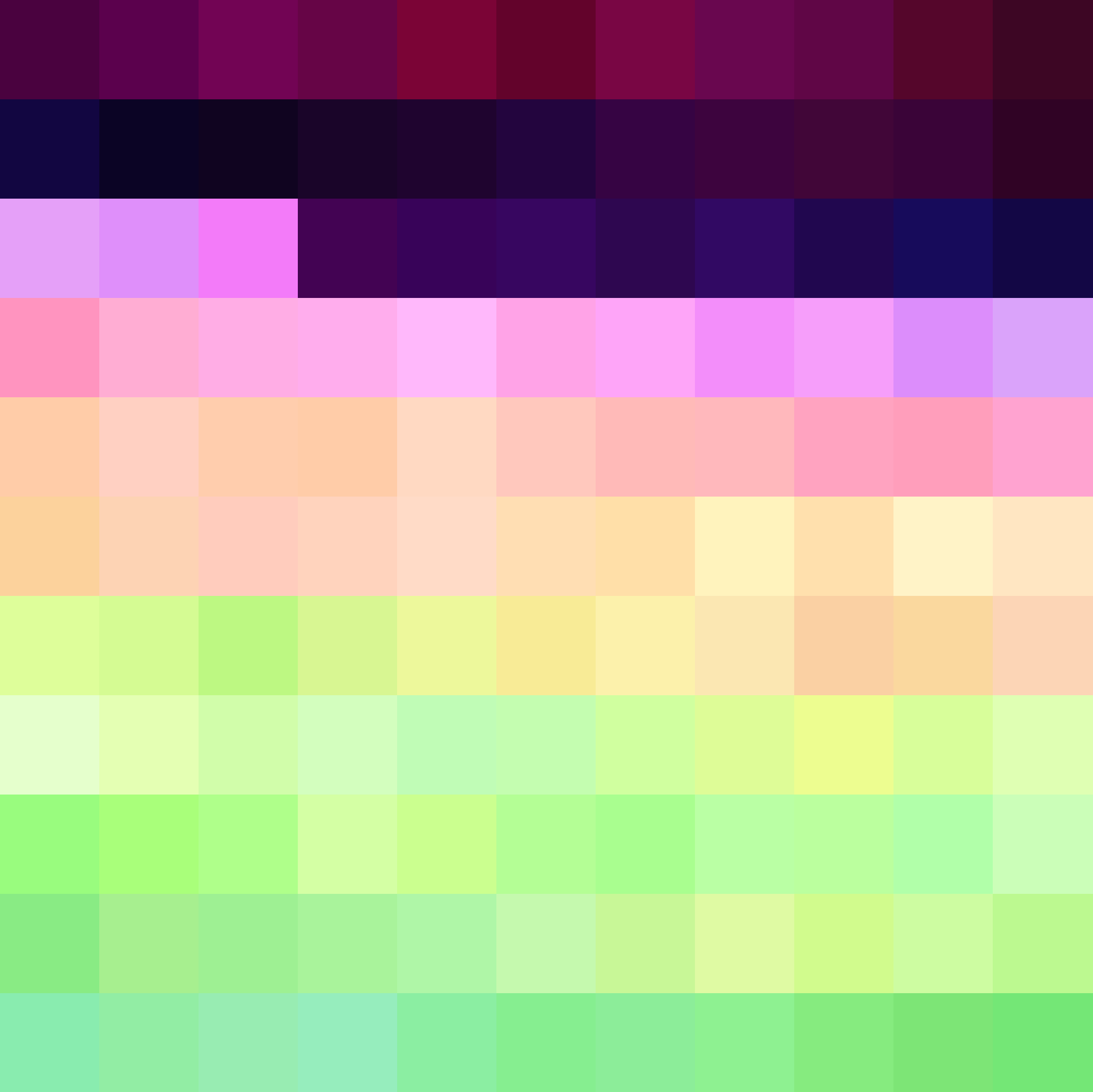
A grid with 196 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has quite some yellow, some red, a bit of orange, and a bit of lime in it.
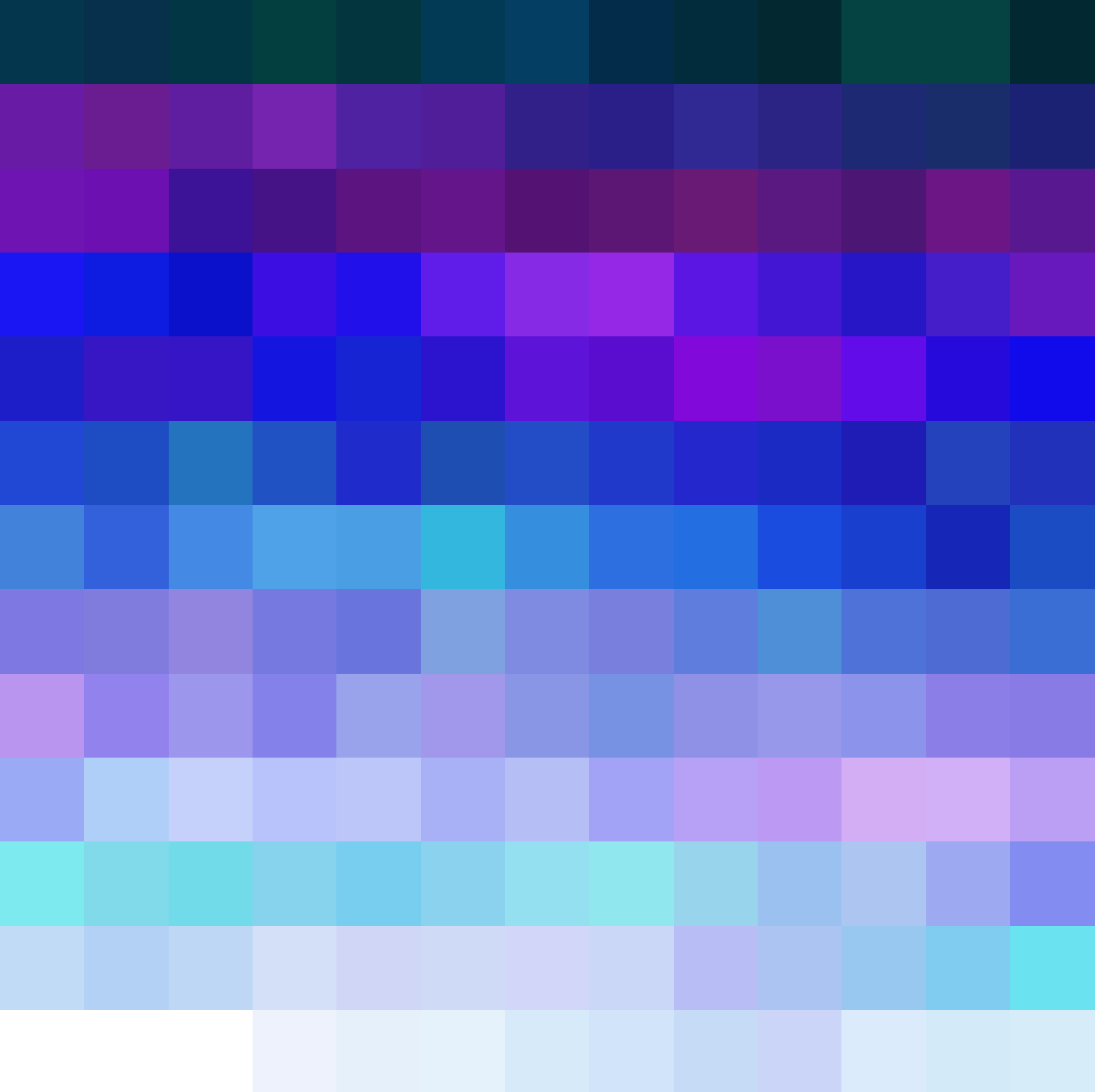
Here's a 5 by 5 pixelated grid that forms a two tone gradient. It is mostly magenta, but it also has quite some rose in it.

This colourful gradient, generated in this 9 by 9 pixel grid, is mostly green, and it also has some lime, some yellow, some orange, and some red in it.

Here's an 11 by 11 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has some magenta, some orange, a bit of purple, a bit of rose, a little bit of yellow, a little bit of red, a little bit of indigo, a little bit of lime, and a tiny bit of violet 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 some indigo, a bit of purple, a bit of cyan, a bit of violet, and a tiny bit of magenta in it.

The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly green, and it also has quite some blue, some cyan, a tiny bit of violet, and a tiny bit of indigo in it.
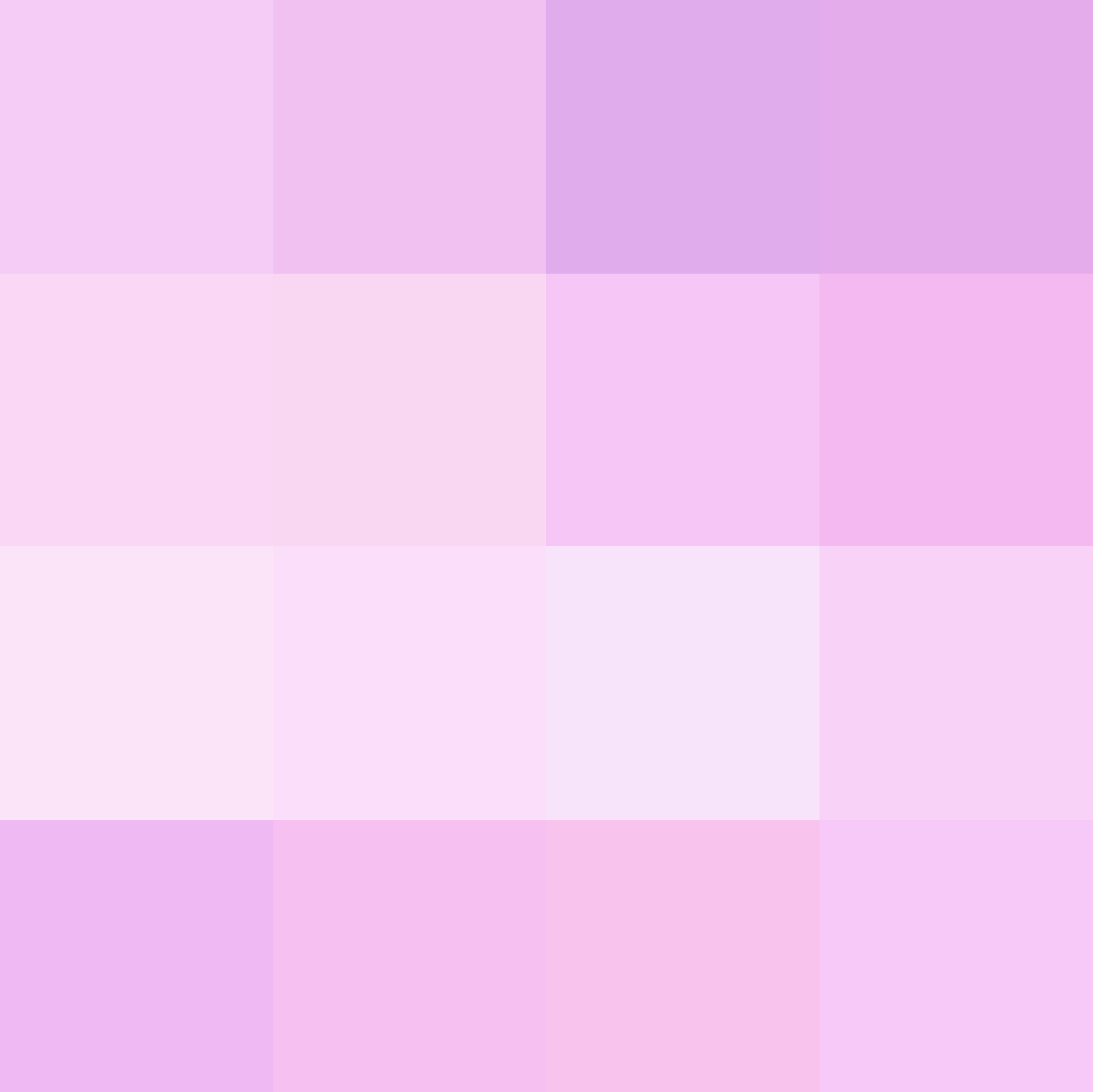
This gradient, generated in this 5 by 5 pixel grid, is mostly green, and it also has quite some orange, a bit of yellow, and a bit of lime in it.
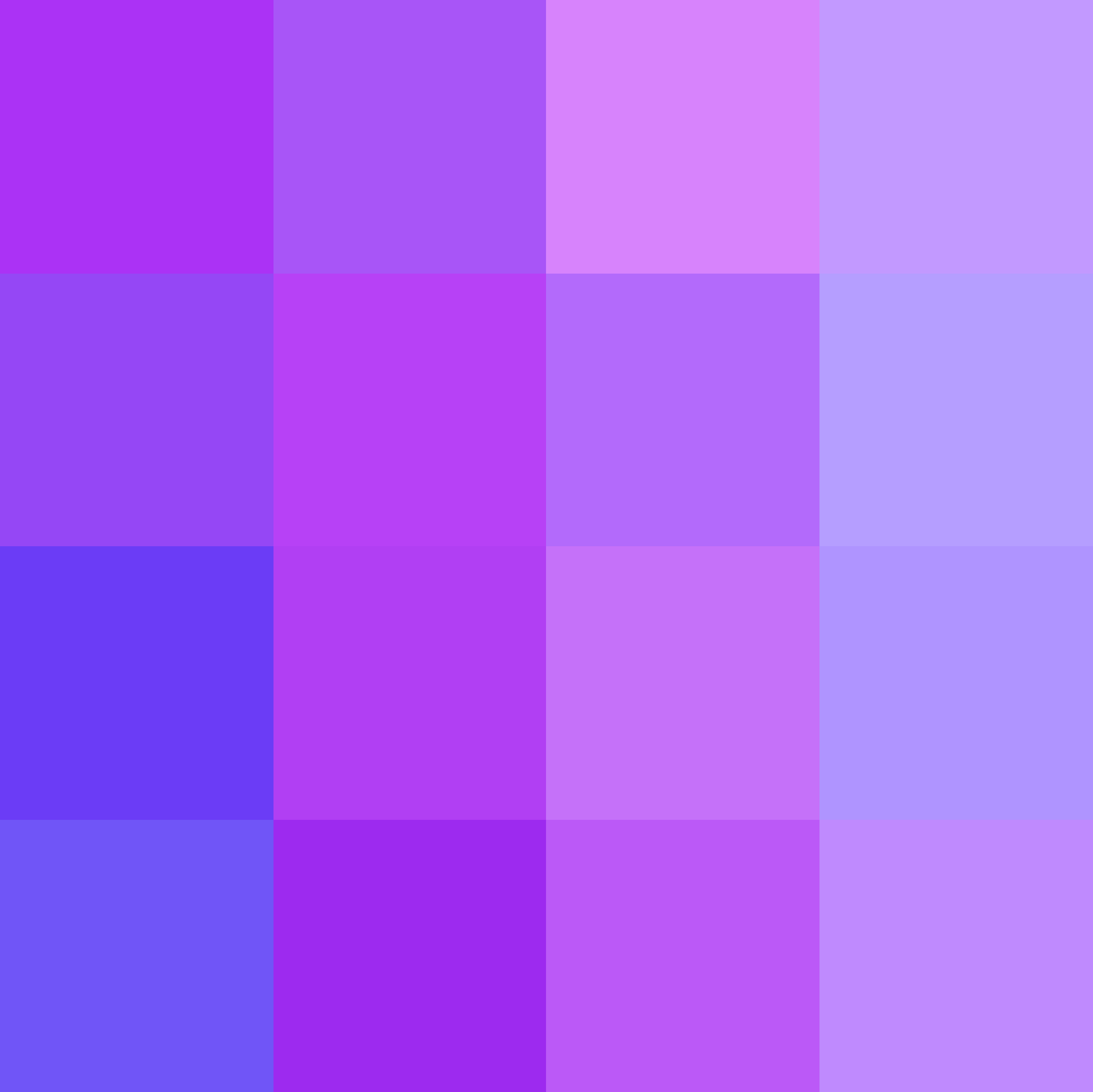
A 9 by 9 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has some orange in it.
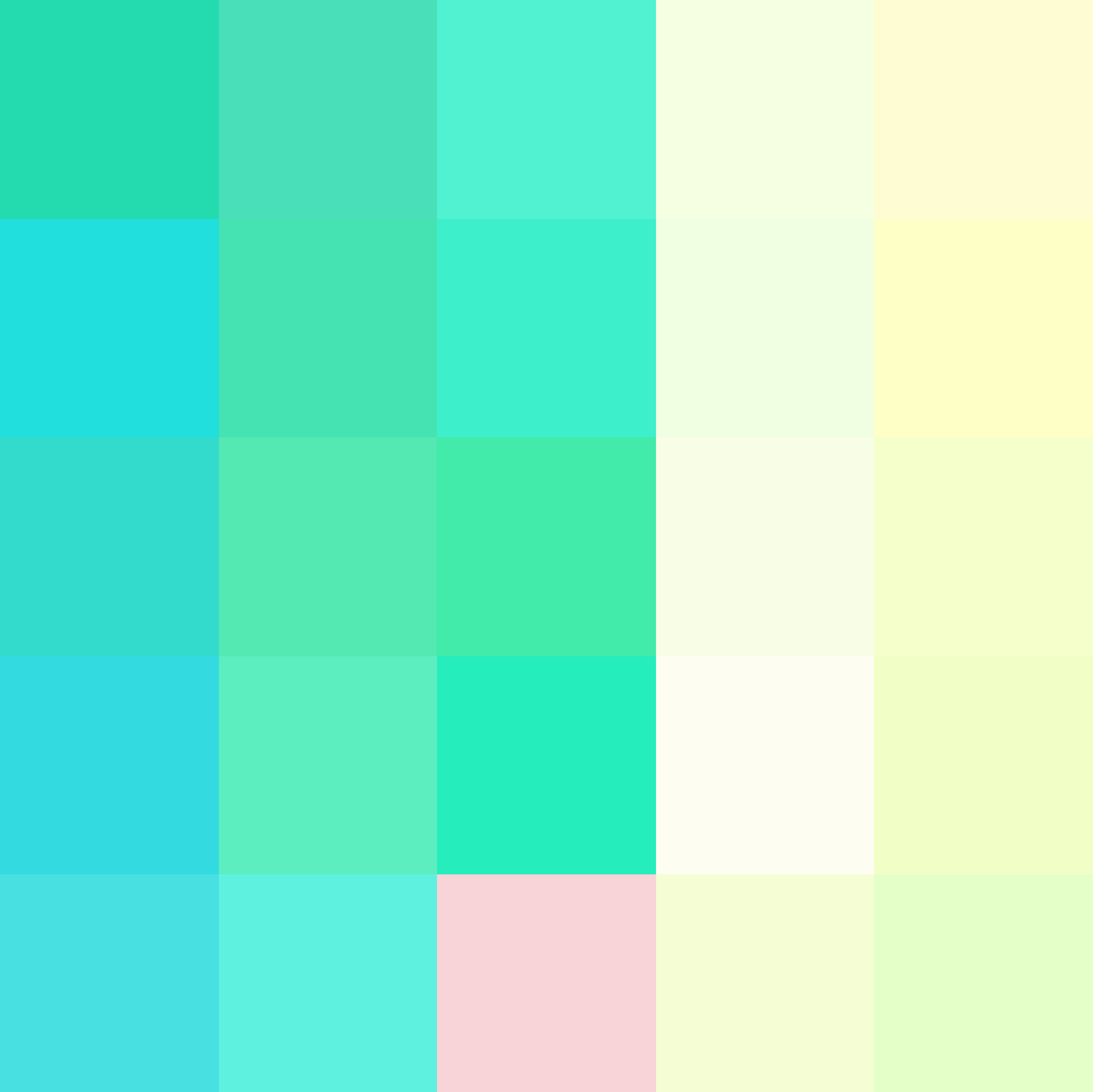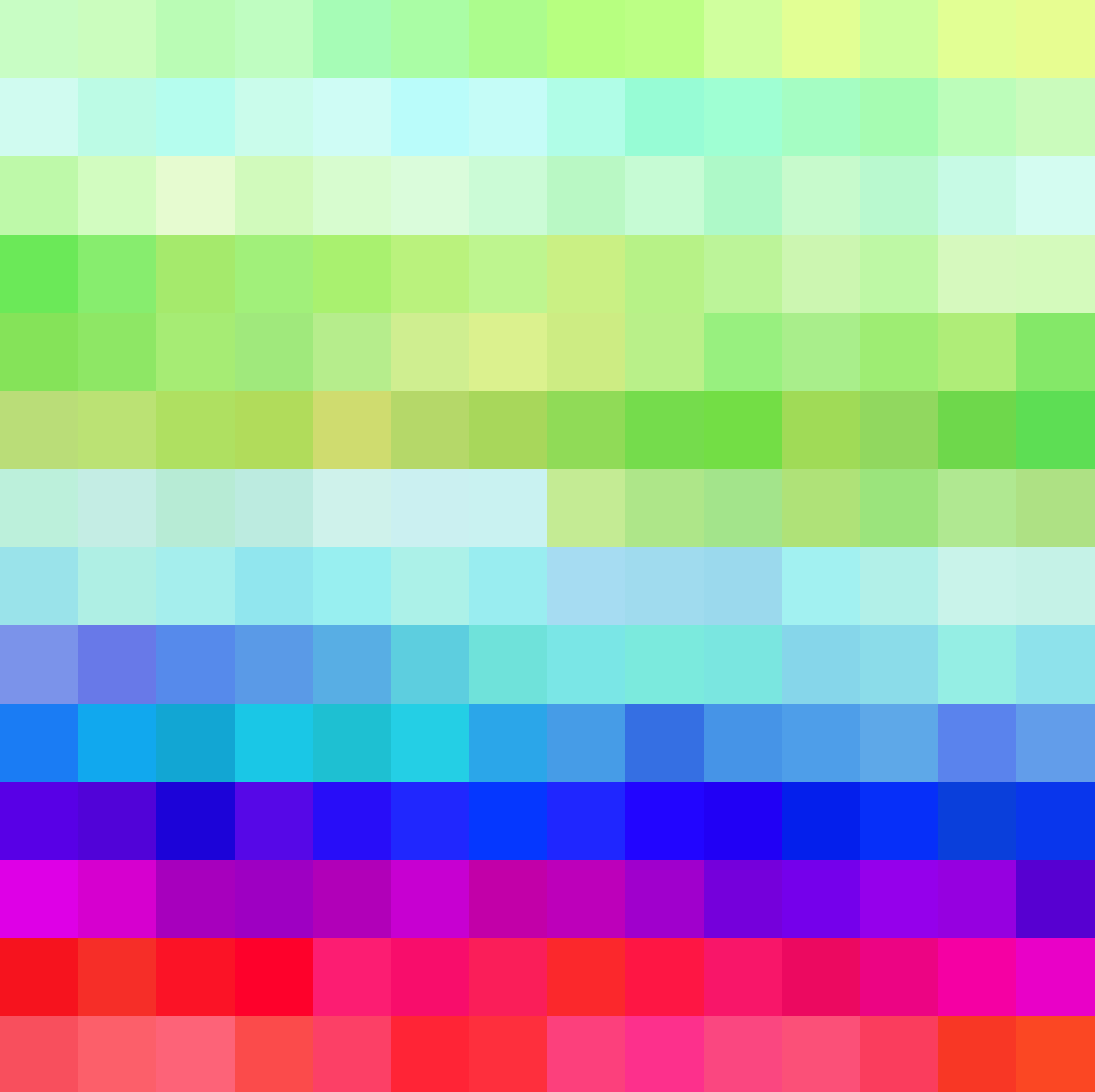
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly cyan, but it also has quite some green, quite some lime, some yellow, and a little bit of red in it.

This two tone gradient, generated in this 4 by 4 pixel grid, is mostly magenta, but it also has some purple in it.

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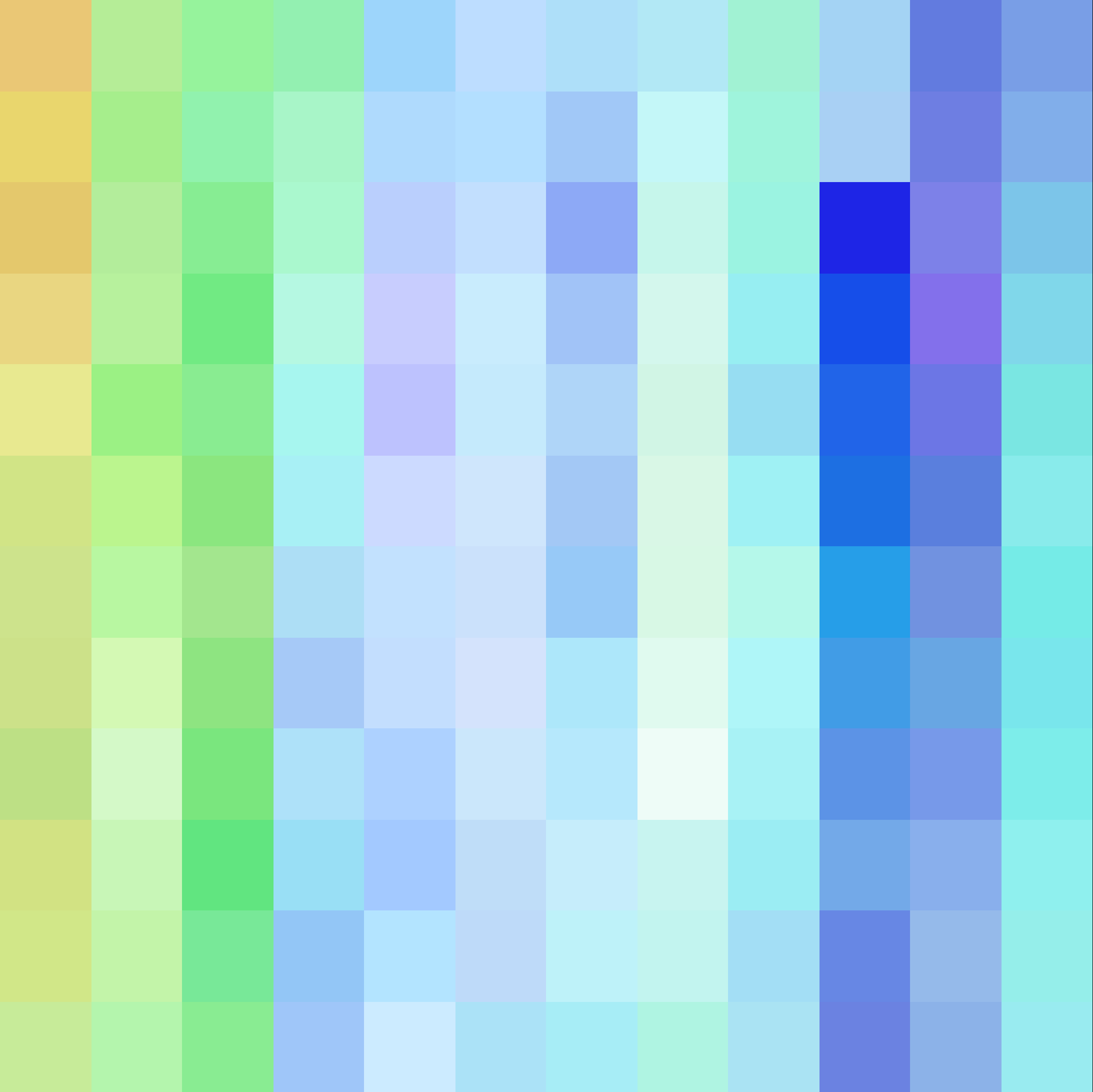
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some blue, a bit of red, a little bit of magenta, a little bit of rose, a little bit of lime, a little bit of violet, a little bit of purple, a tiny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

There's a very colourful pixel gradient in this 13 by 13 grid. It is mostly blue, and it also has quite some indigo, some purple, some magenta, a bit of violet, and a little bit of cyan in it.
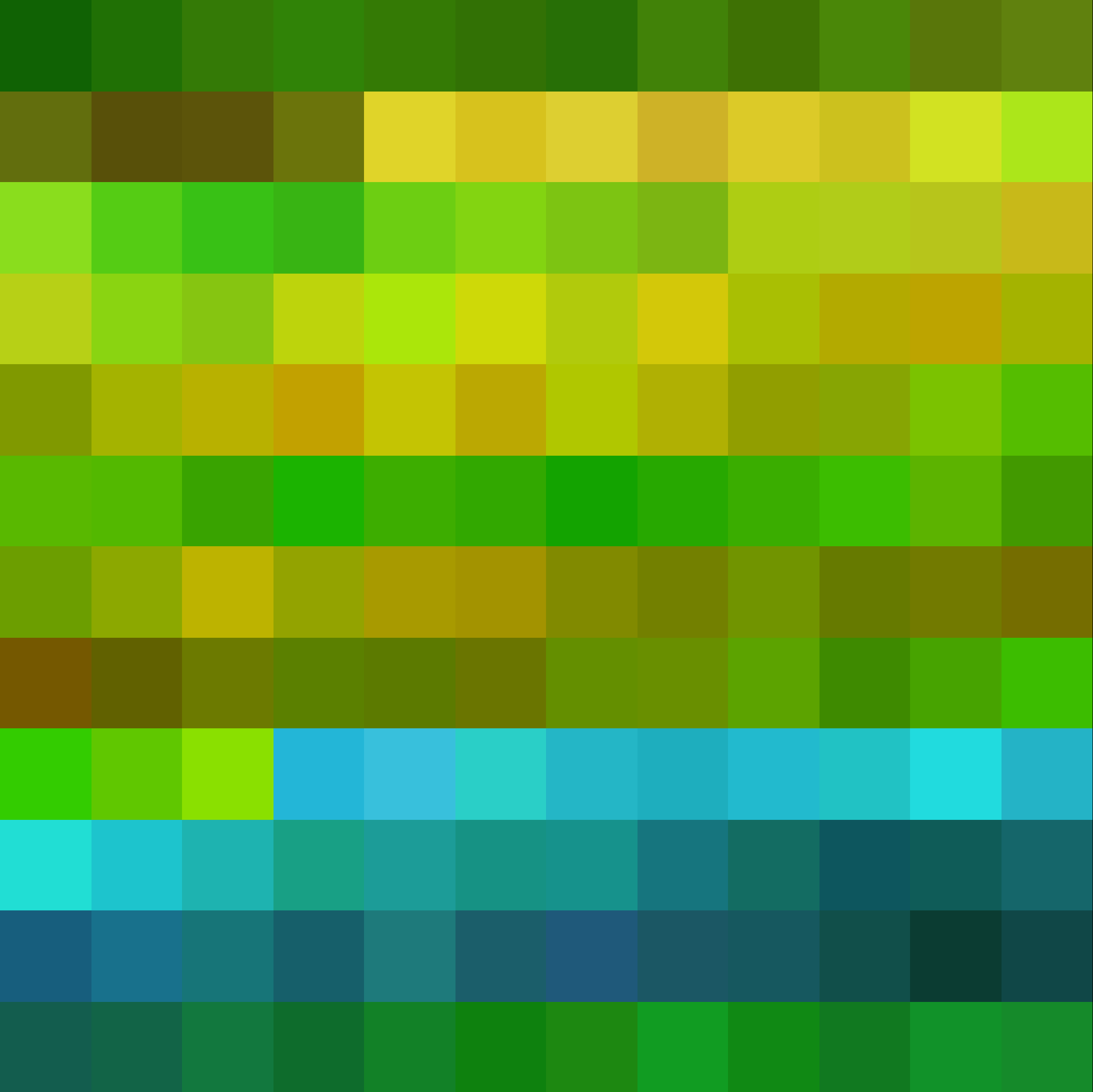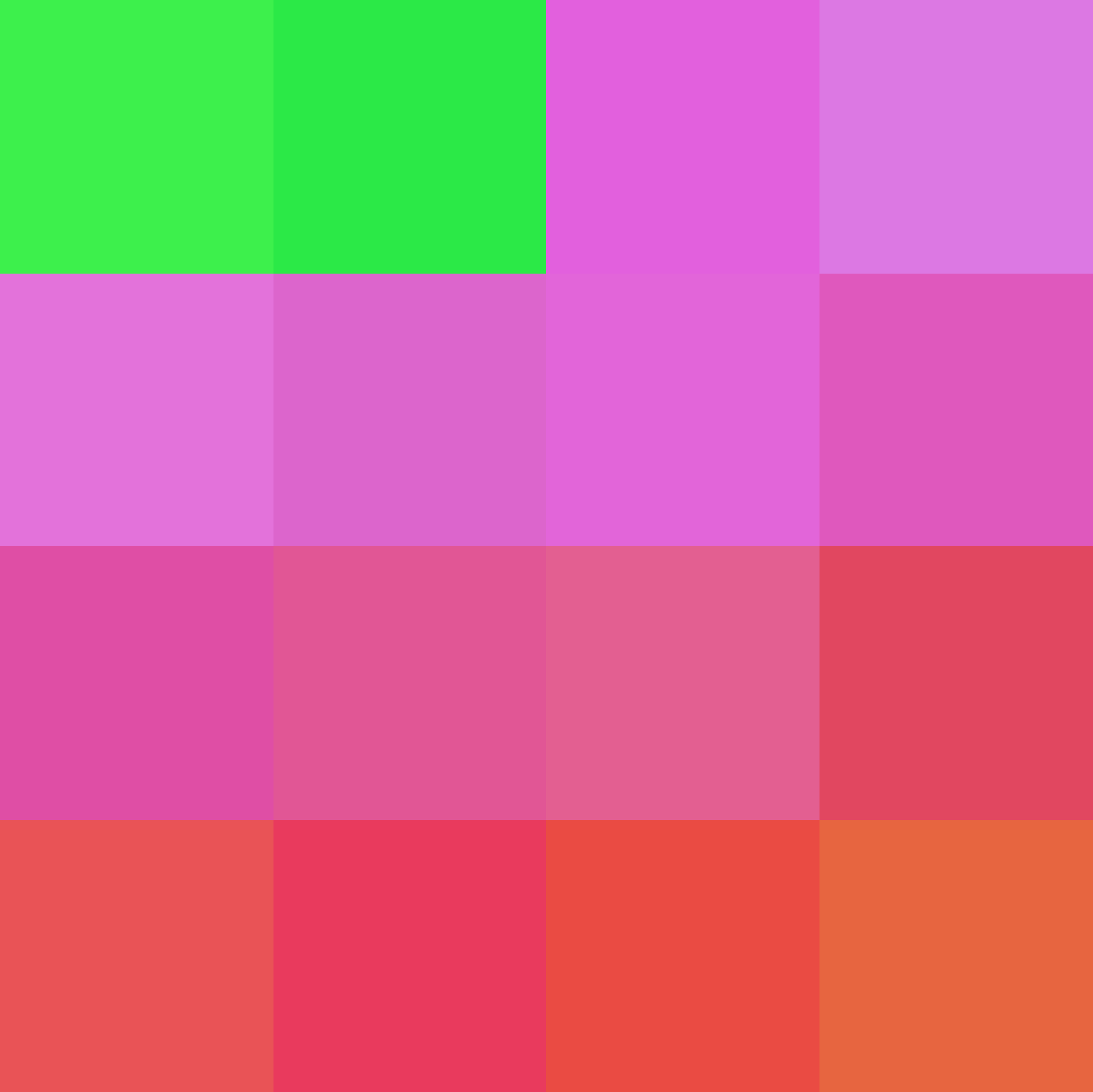
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some yellow, quite some cyan, a bit of lime, a tiny bit of blue, and a tiny bit of orange in it.

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

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some blue, some green, and some cyan in it.

This gradient, generated in this 4 by 4 pixel grid, is mostly magenta, and it also has quite some red, some green, and some rose in it.

A 6 by 6 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.
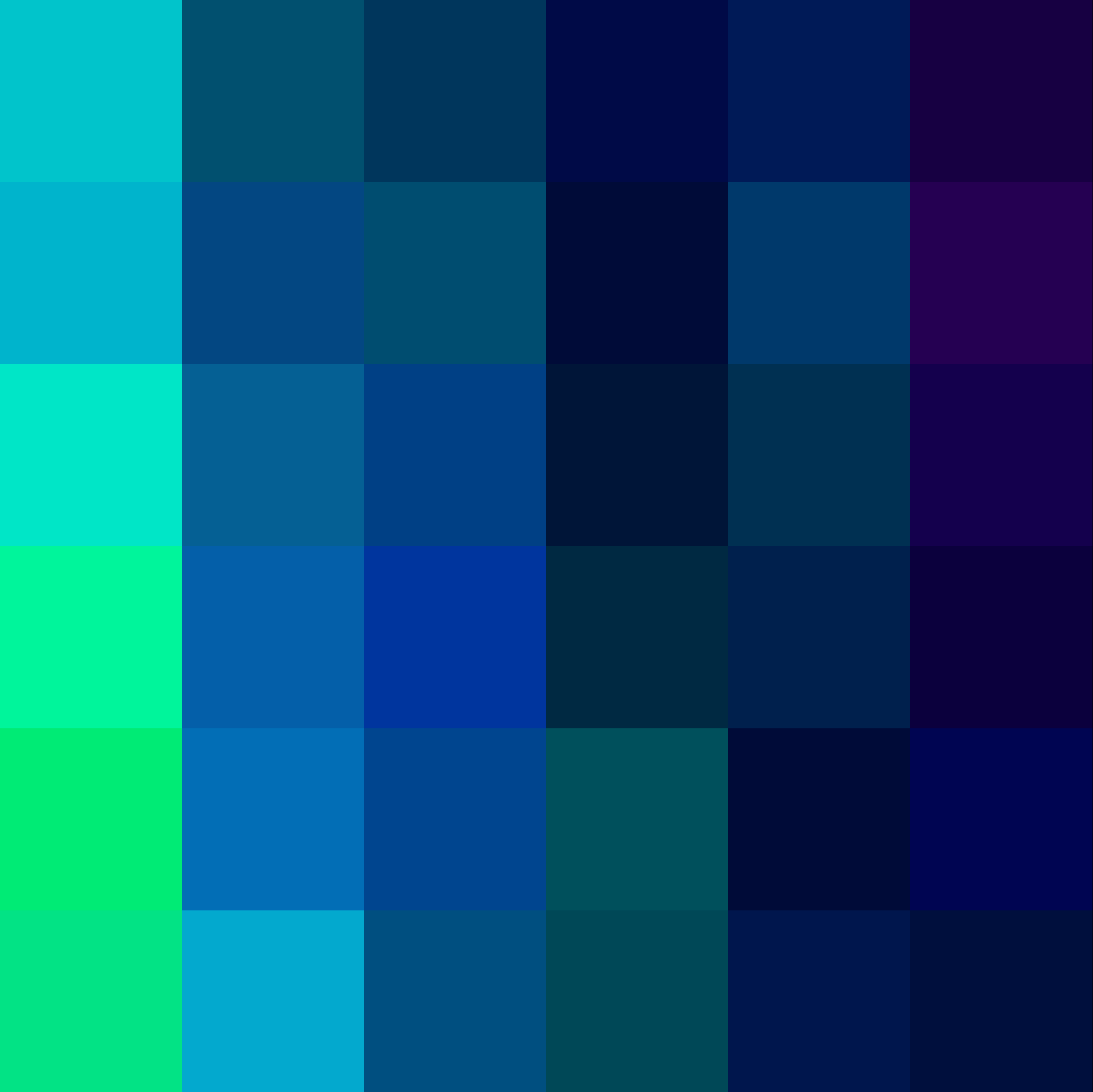
Here's a 6 by 6 pixelated grid that forms a colourful gradient. It is mostly blue, but it also has some cyan, a bit of green, a little bit of indigo, and a little bit of violet in it.
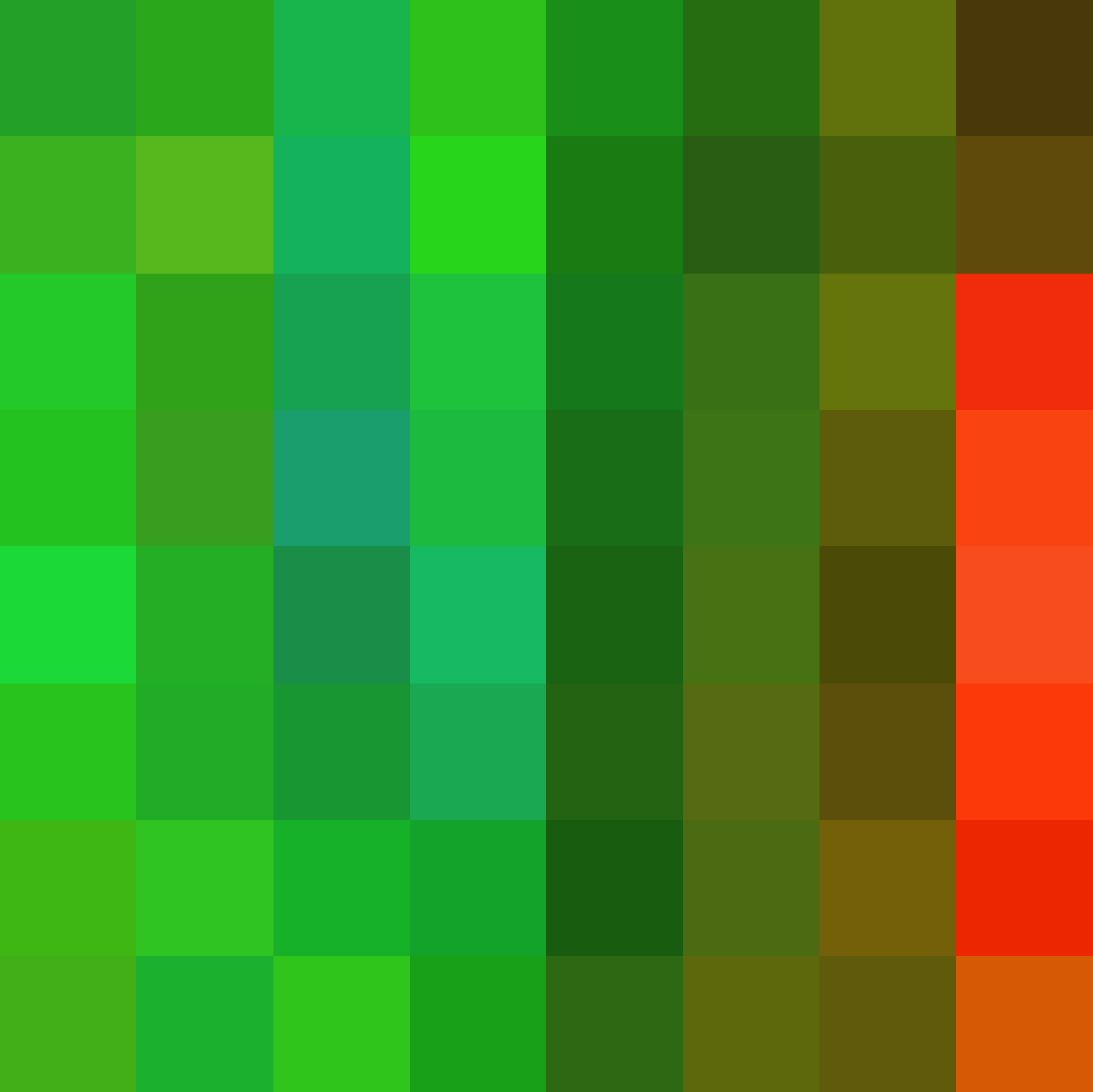
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly green, but it also has a bit of magenta, a bit of yellow, a bit of lime, a bit of blue, a little bit of red, a little bit of purple, a little bit of violet, a little bit of rose, and a tiny bit of indigo in it.
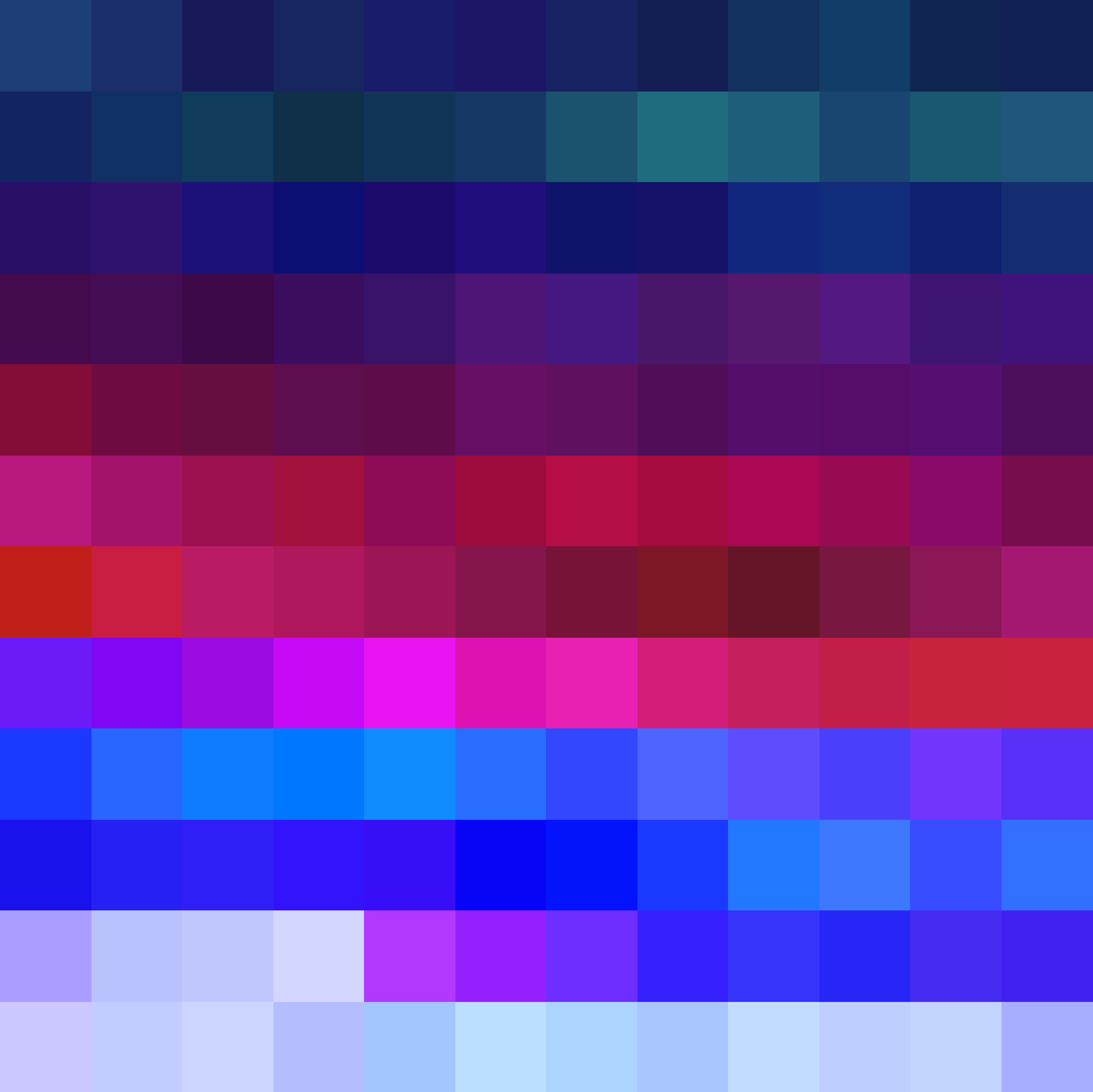
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly blue, but it also has some indigo, some rose, some purple, a bit of magenta, a little bit of red, a little bit of violet, and a tiny bit of cyan in it.
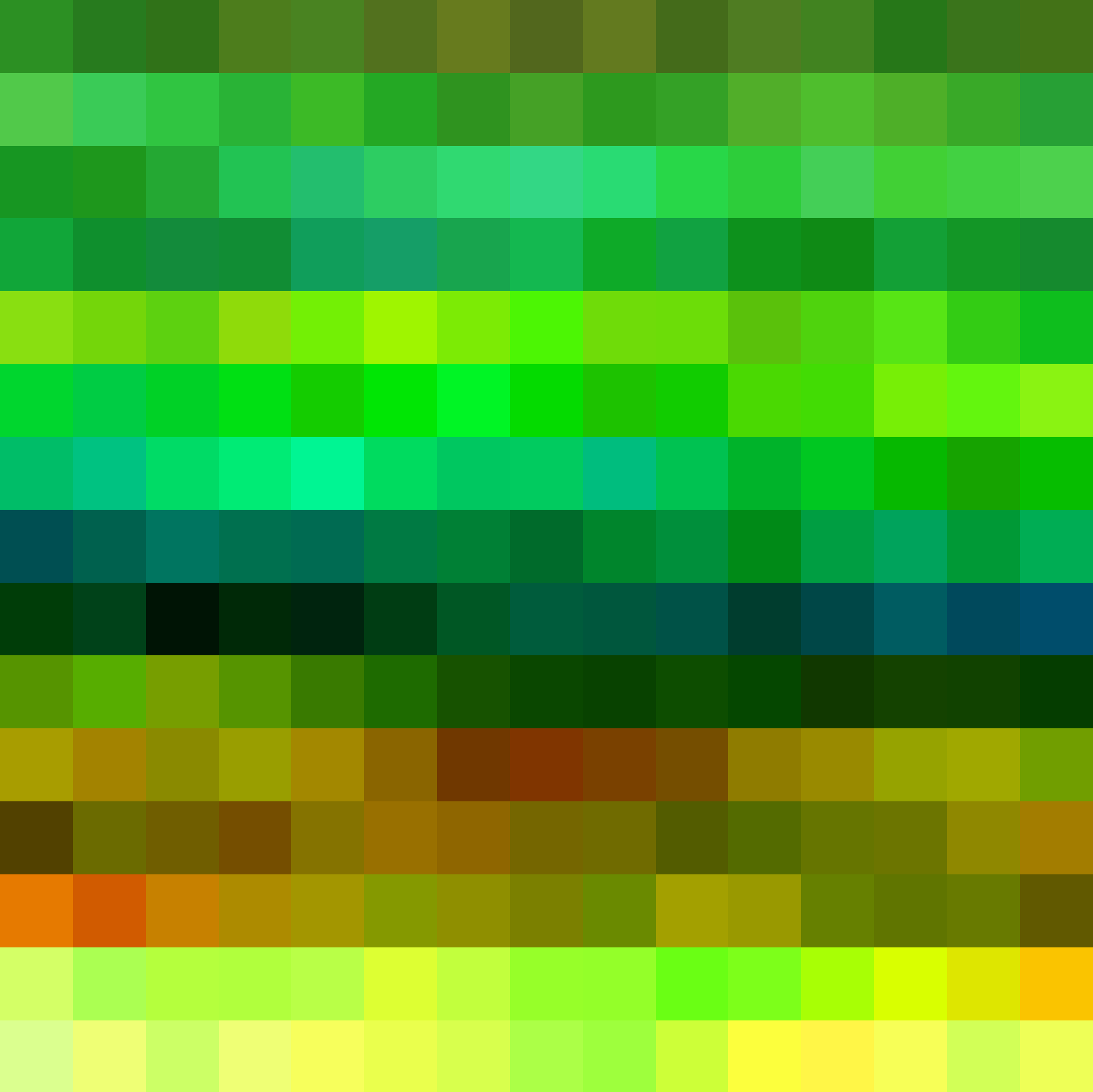
There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has some yellow, a bit of lime, a little bit of orange, a little bit of cyan, and a tiny bit of blue in it.

The colourful gradient in this 8 by 8 pixel grid is mostly green, but it also has some yellow, a bit of red, a little bit of orange, and a little bit of lime in it.
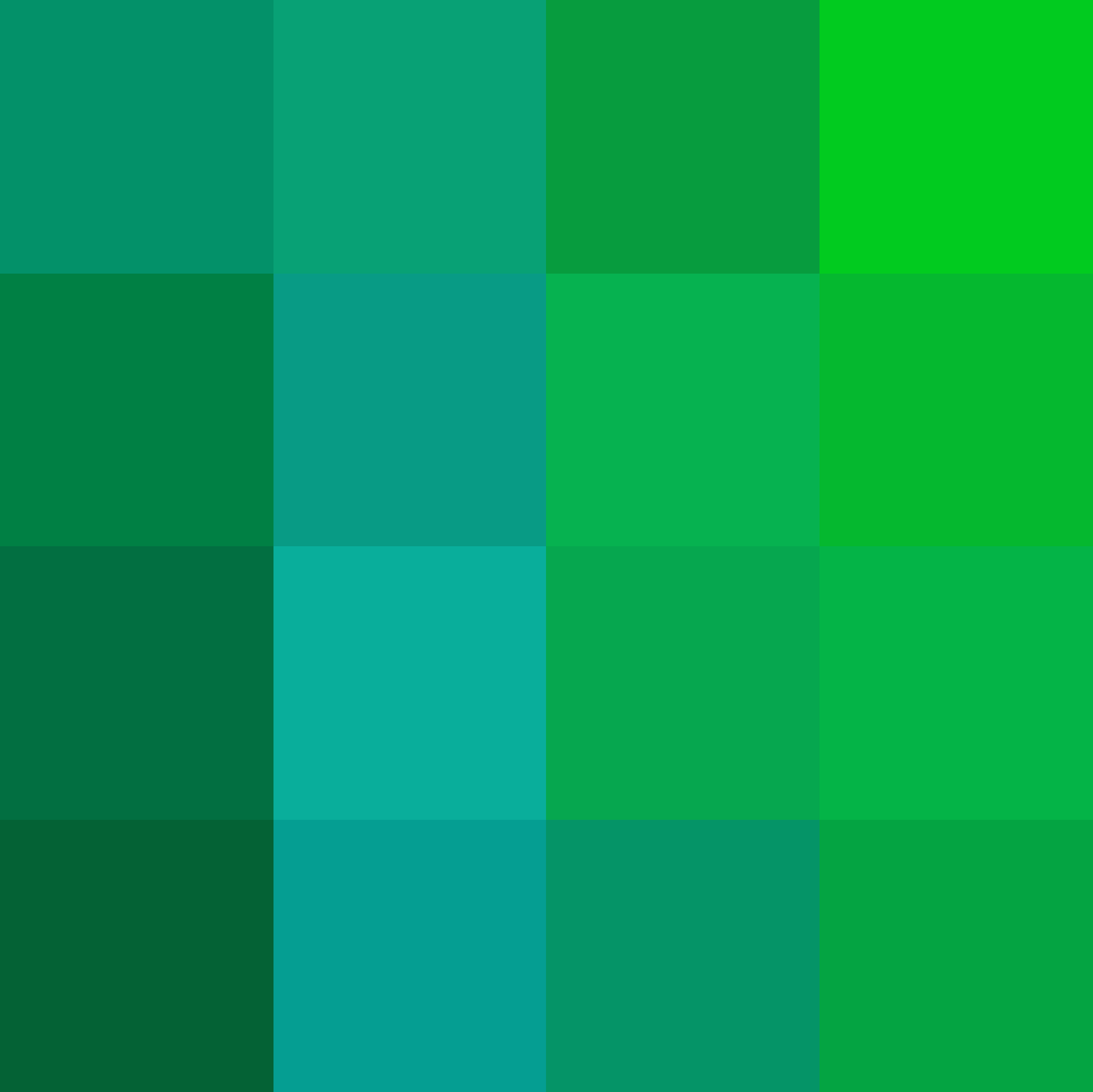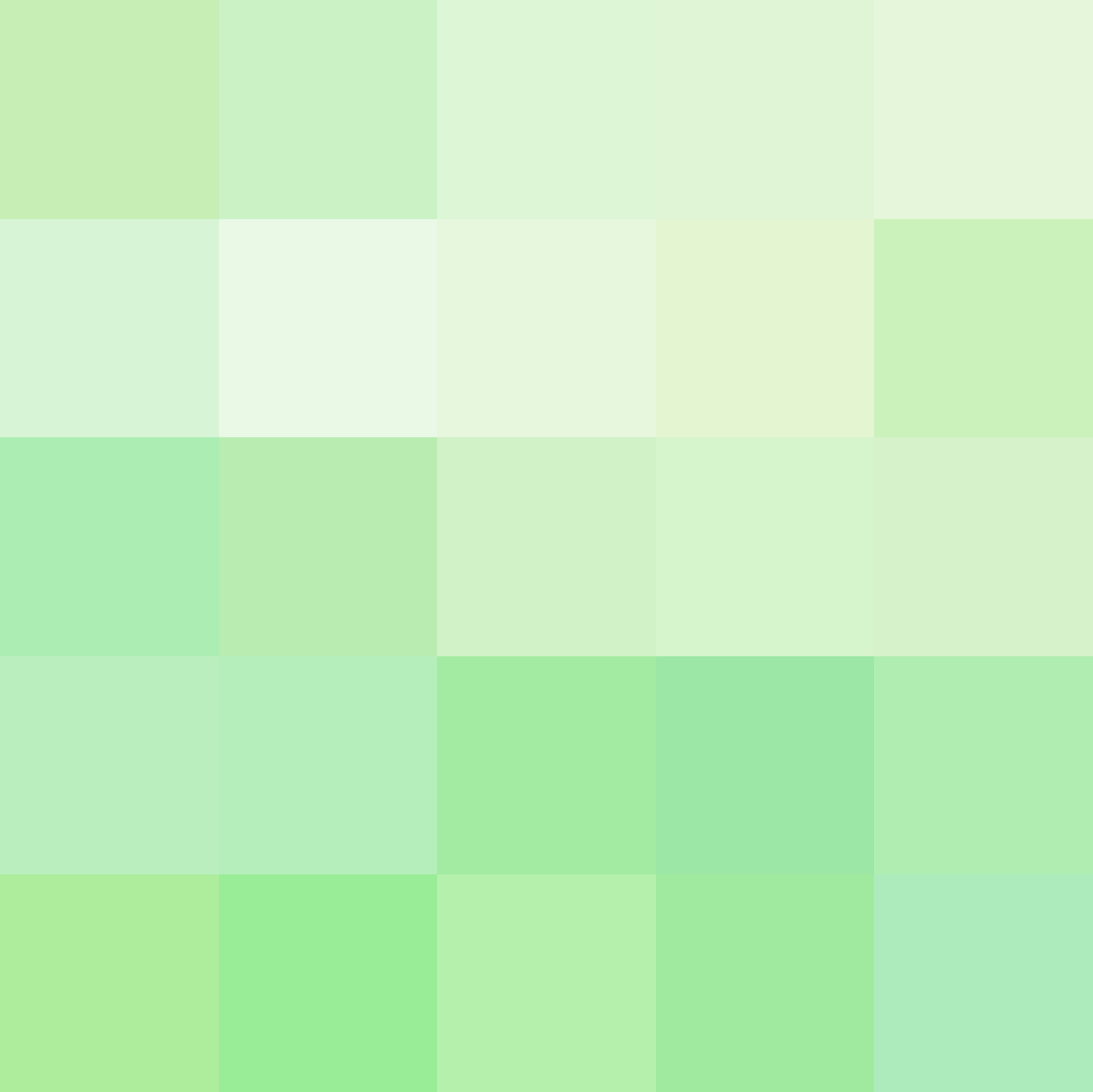
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly green, and it also has some cyan in it.
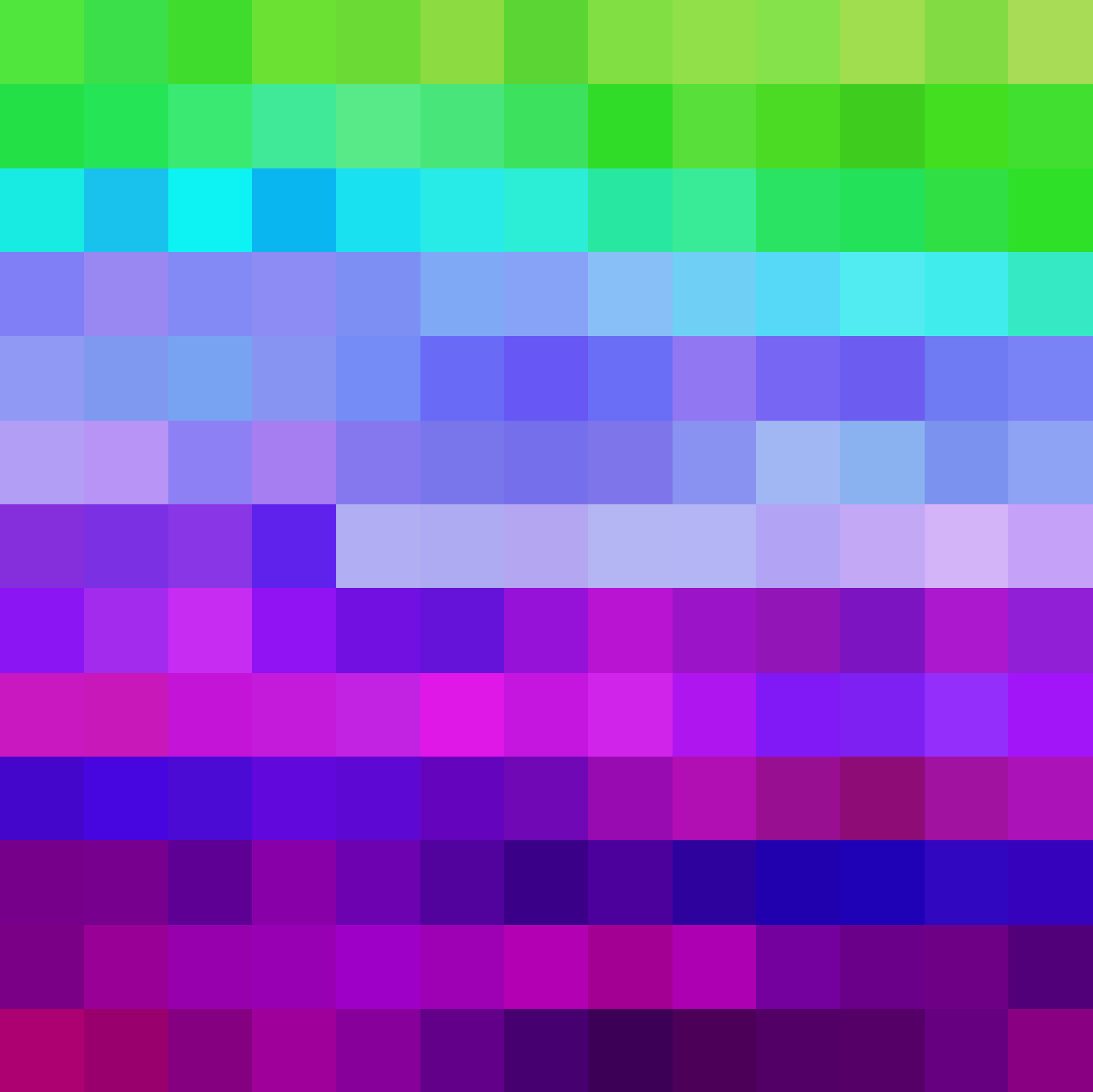
A very colourful grid of 169 blocks. It's mostly purple, but it also has some green, some magenta, some indigo, some blue, a bit of violet, and a little bit of cyan in it.

A 14 by 14 grid with coloured squares that form a gradient. The colours are various shades of mostly red, but it also has some orange, and a little bit of yellow in it.

Here's a 5 by 5 pixelated grid that forms a monochrome gradient. It is green.
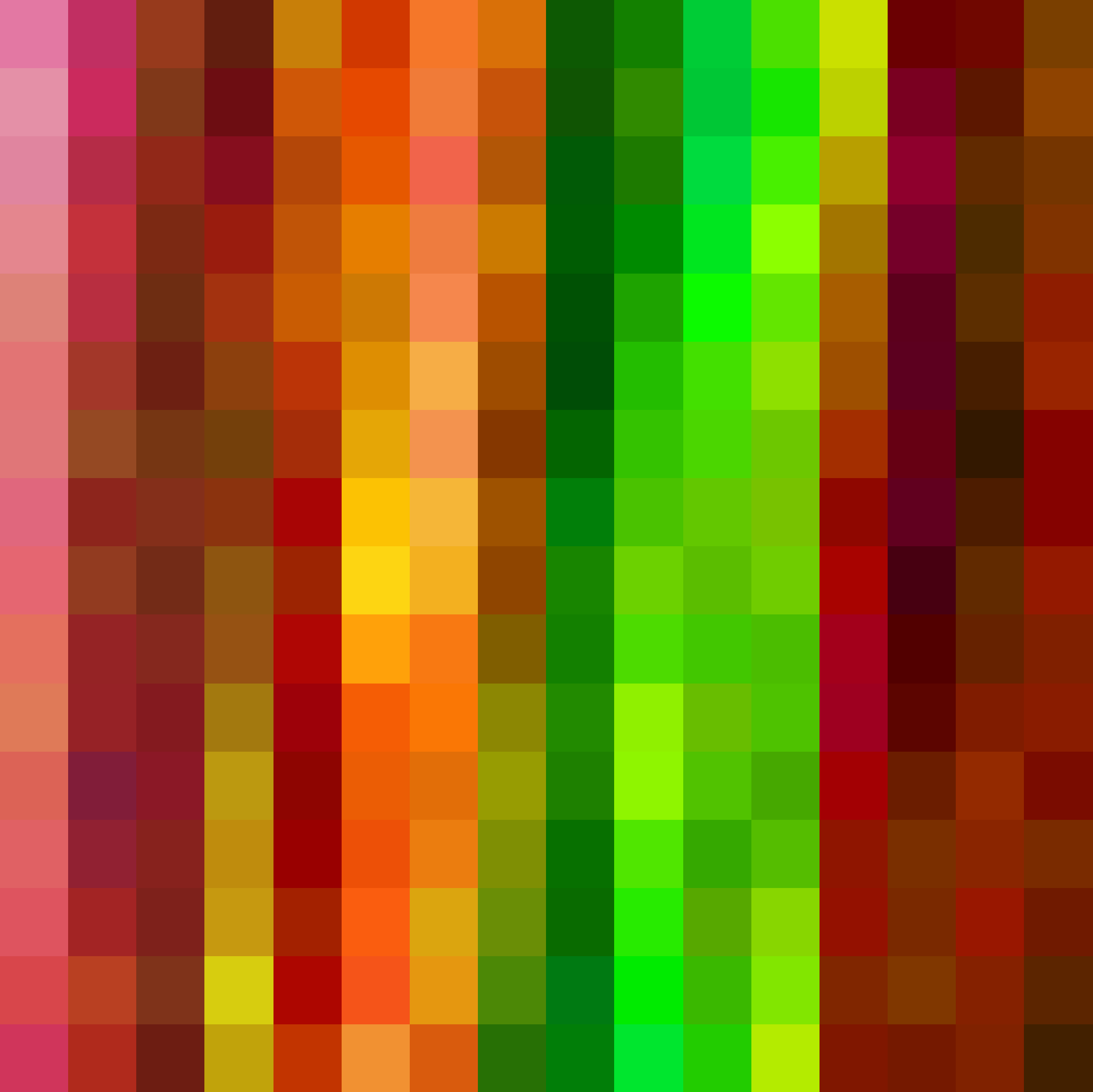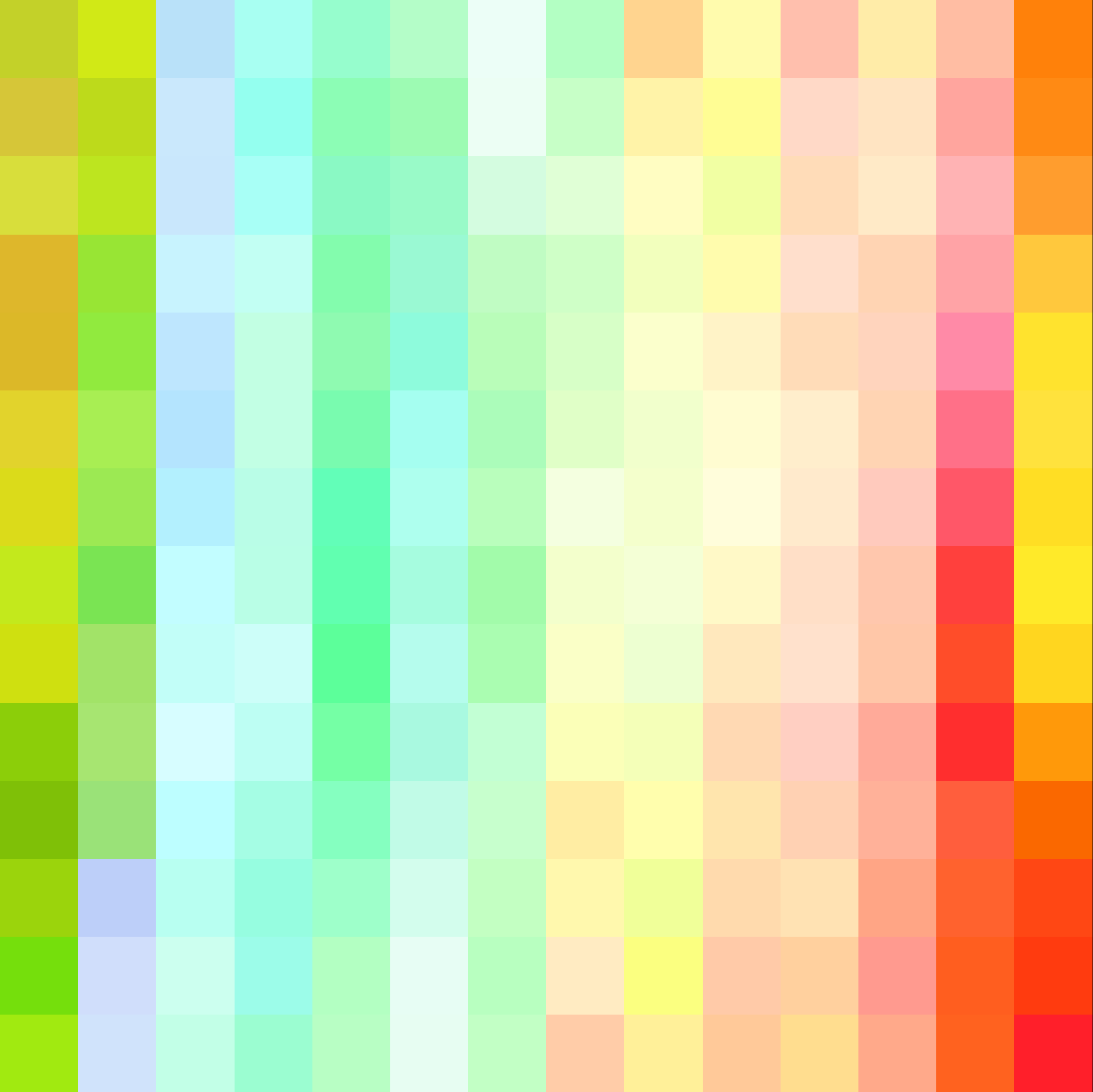
A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, quite some green, a little bit of rose, a little bit of yellow, and a tiny bit of lime in it.
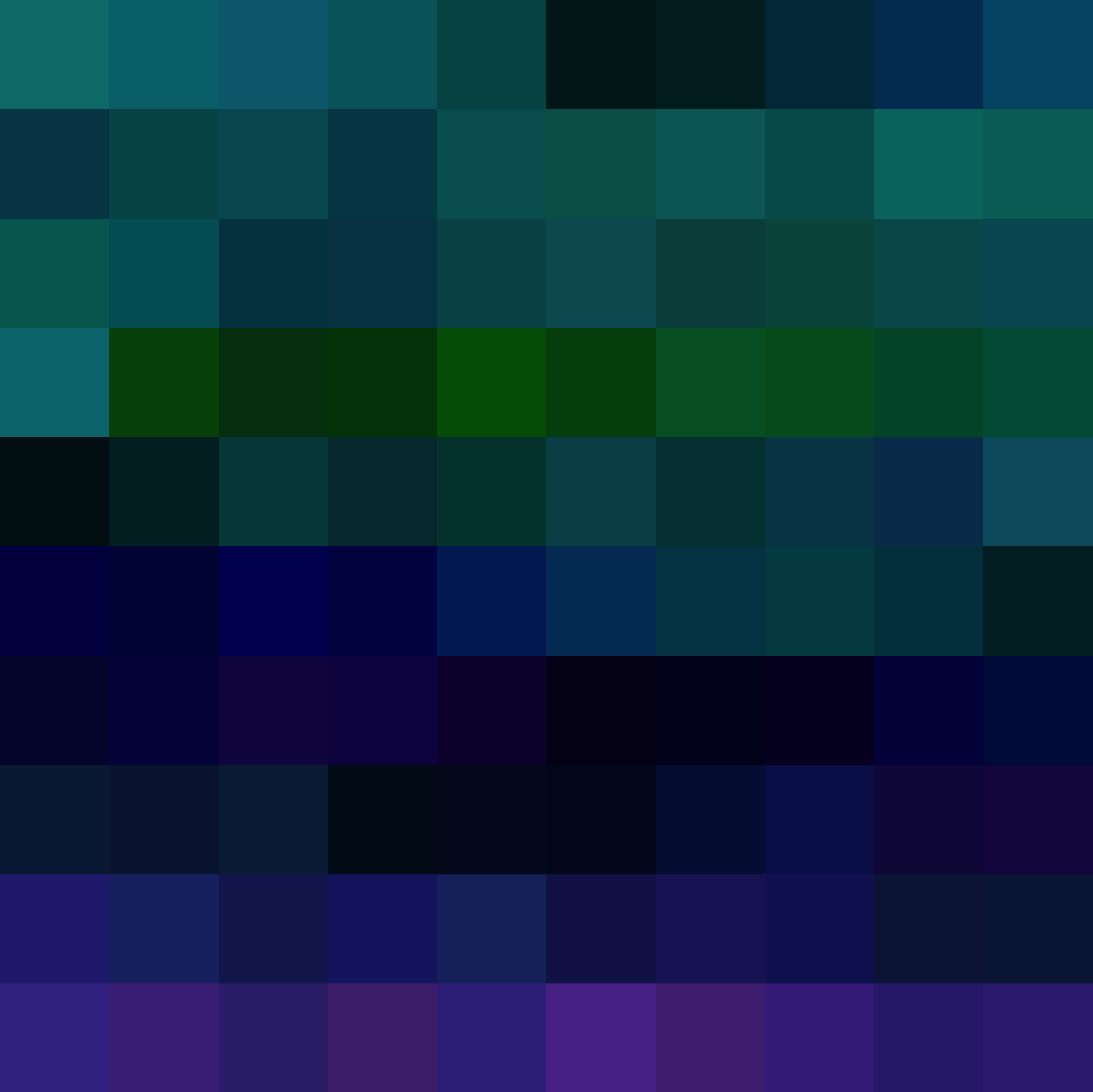
A very, very colourful grid of 169 blocks. It's mostly magenta, and it also has some purple, some rose, a bit of cyan, a bit of red, a bit of yellow, a little bit of violet, a little bit of indigo, a little bit of blue, a little bit of orange, a little bit of green, and a tiny bit of lime in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly red, but it also has quite some orange, some yellow, and a tiny bit of lime in it.

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

A colourful grid of 100 blocks. It's mostly blue, but it also has quite some cyan, some indigo, a bit of green, and a little bit of violet in it.
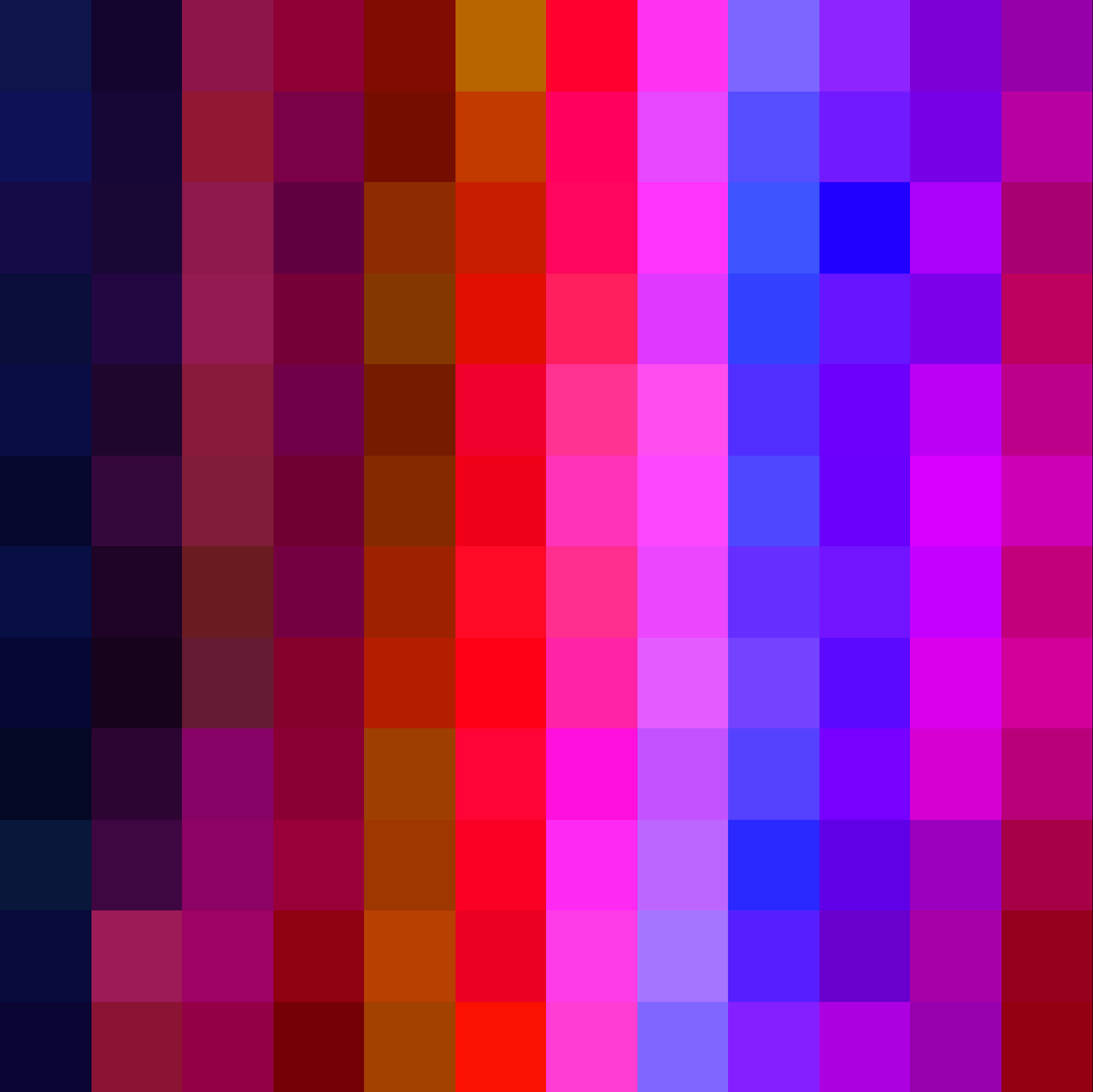
There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly magenta, and it also has some rose, some red, some purple, a bit of indigo, a bit of blue, a bit of violet, and a little bit of orange in it.
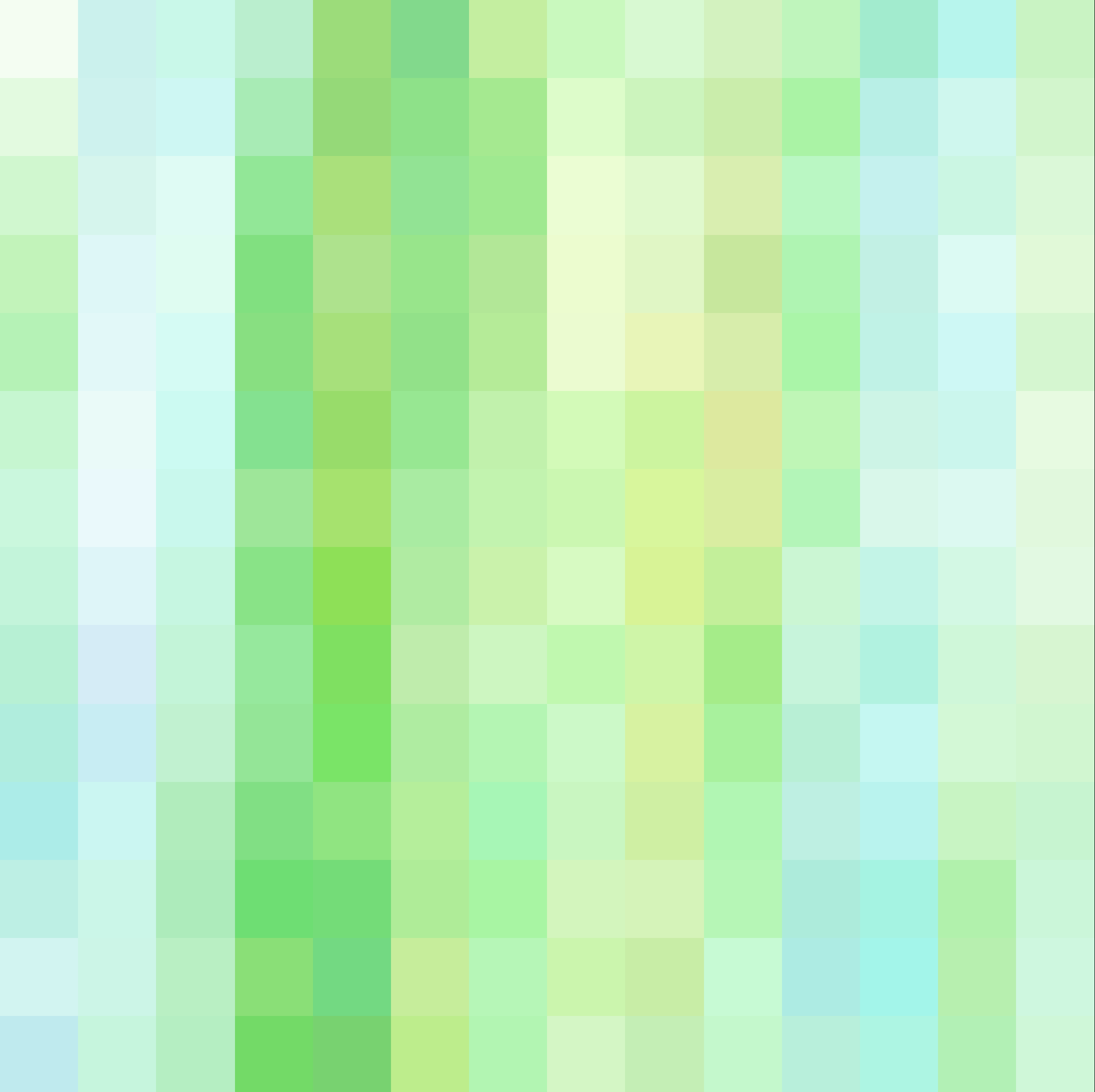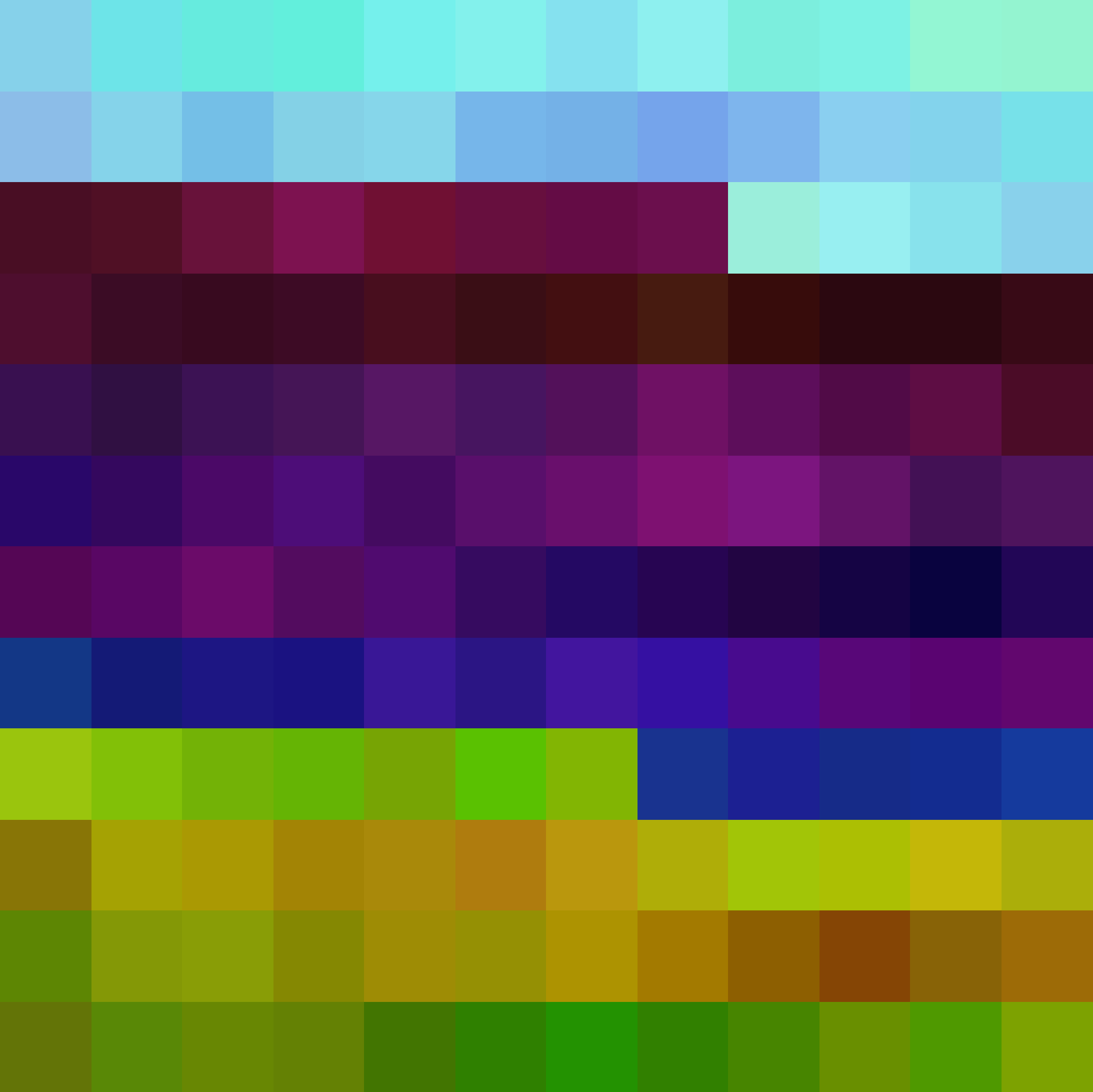
A grid with 196 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, a tiny bit of lime, a tiny bit of blue, and a tiny bit of yellow in it.
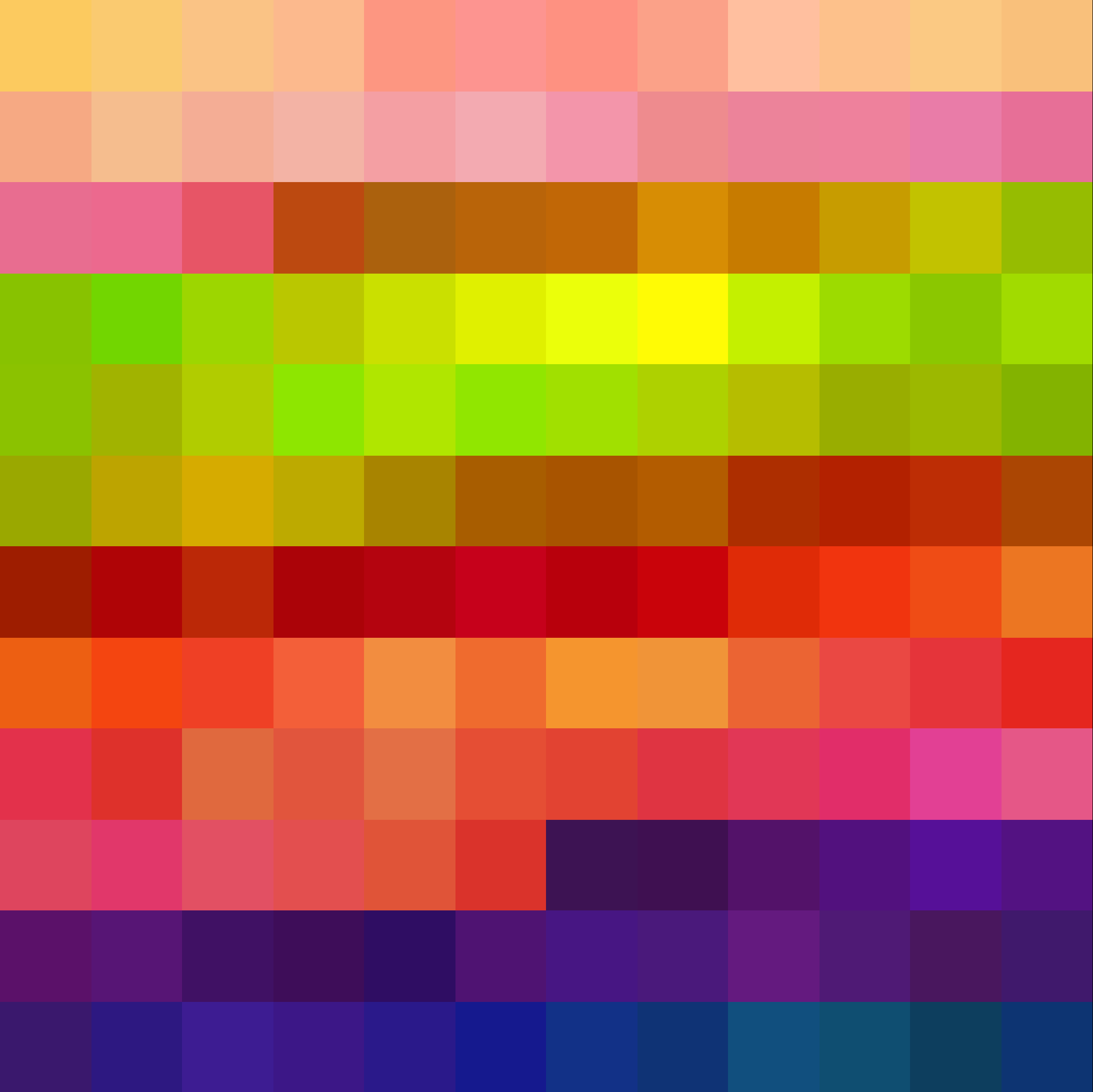
A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some yellow, a bit of purple, a bit of lime, a little bit of blue, a little bit of violet, a little bit of indigo, and a tiny bit of green in it.
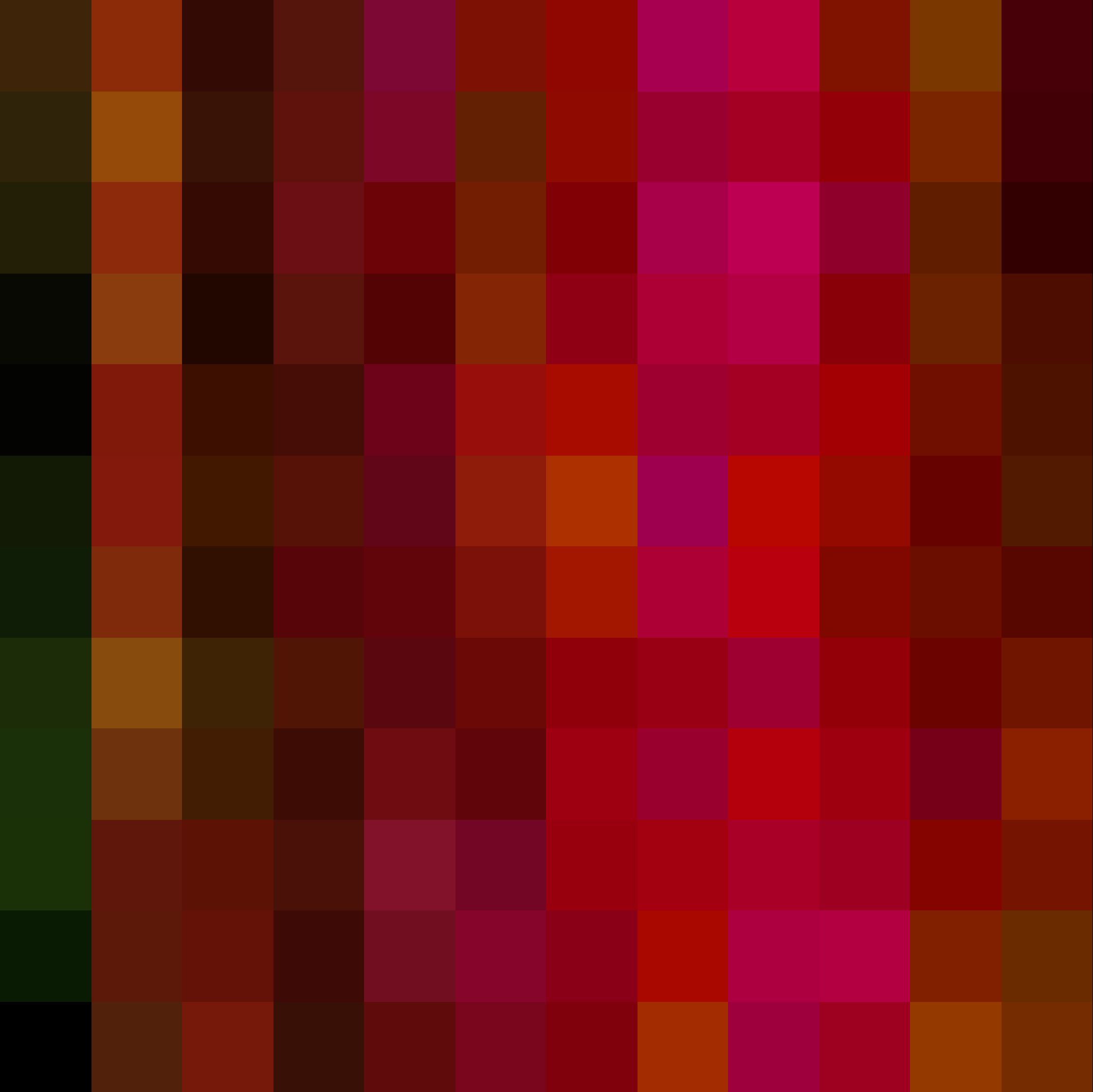
A colourful grid of 144 blocks. It's mostly red,
but it also has some orange, a little bit of green,
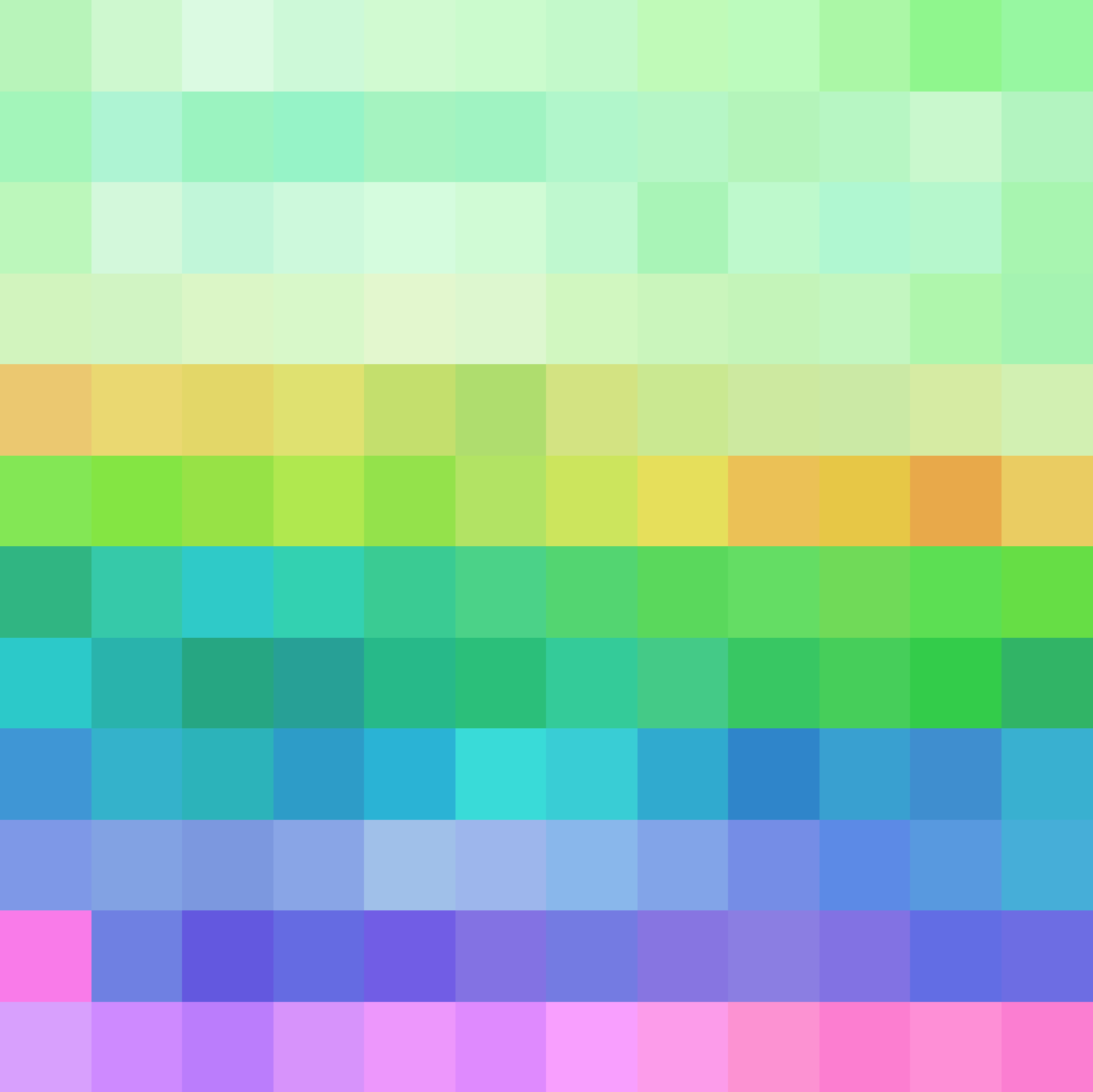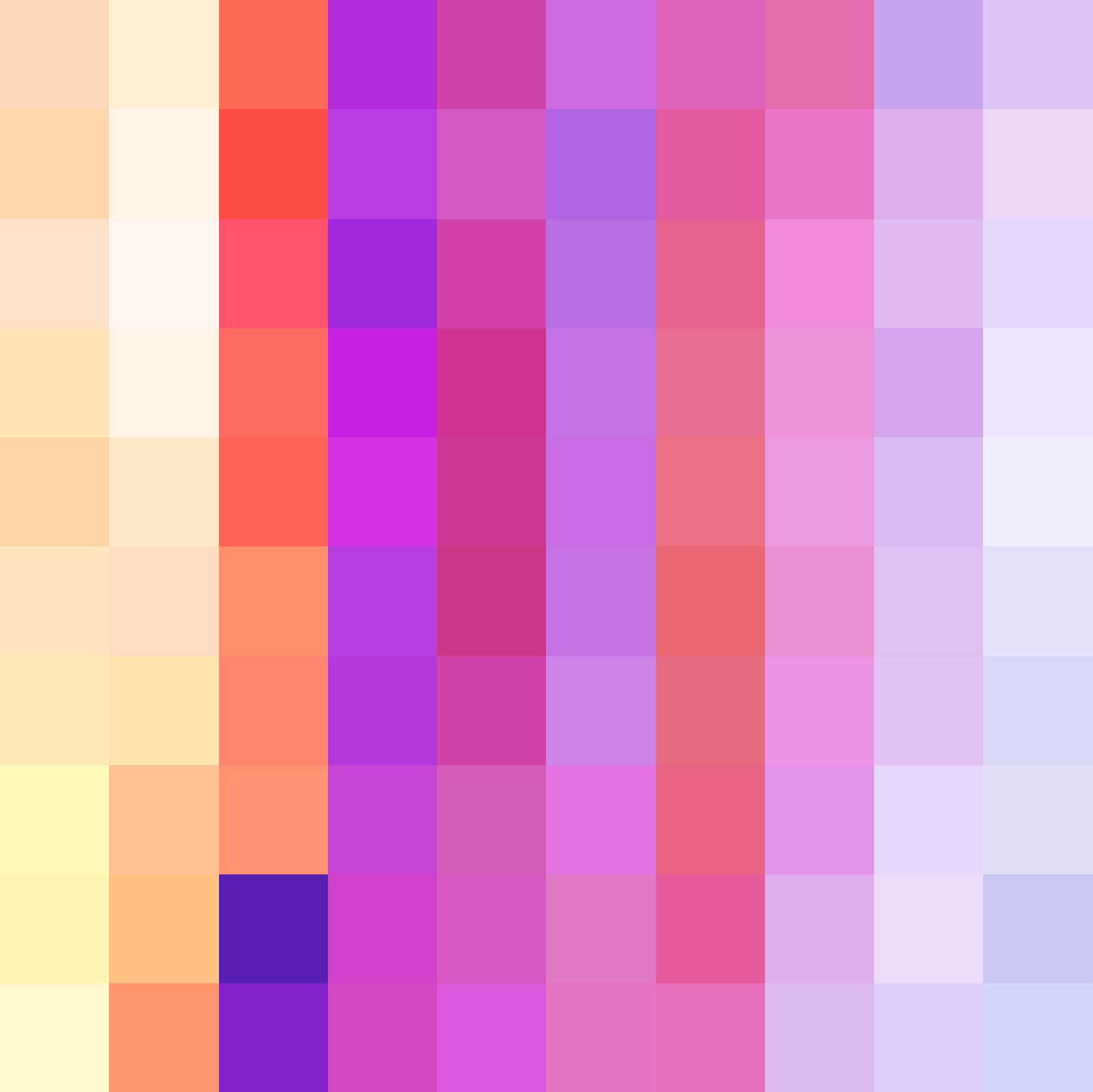a tiny bit of yellow, and a tiny bit of lime in it.

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

A very, very colourful grid of 144 blocks. It's mostly green, but it also has some blue, a bit of cyan, a little bit of yellow, a little bit of magenta, a little bit of indigo, a little bit of purple, a tiny bit of lime, a tiny bit of orange, and a tiny bit of violet in it.

There's a two tone pixel gradient in this 7 by 7 grid. It is mostly red, and it also has quite some orange in it.

A grid with 100 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some orange, some red, a bit of violet, a little bit of rose, a little bit of yellow, a little bit of indigo, and a little bit of blue in it.
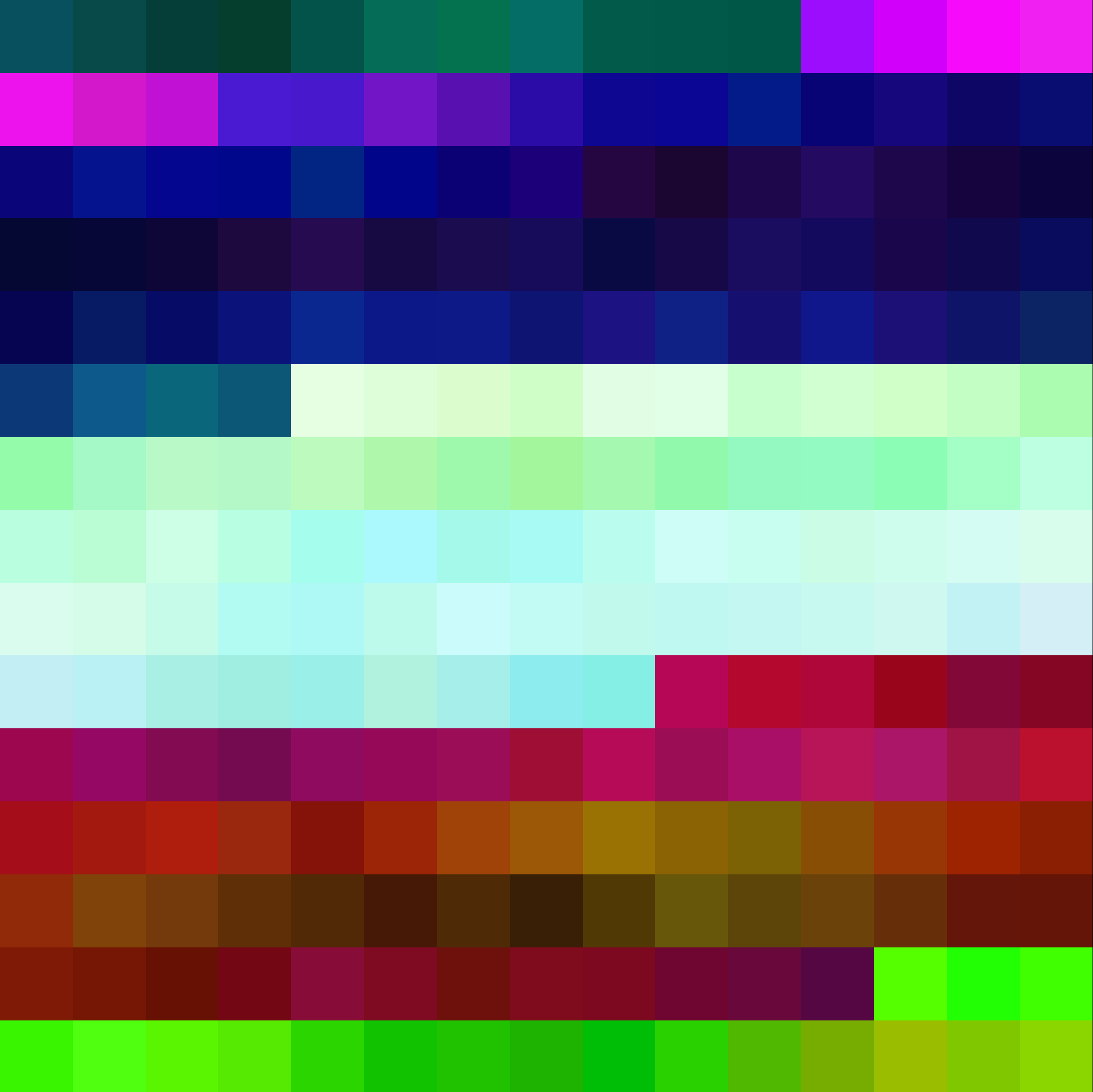
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some cyan, some indigo, some blue, a bit of red, a bit of orange, a little bit of rose, a little bit of magenta, a tiny bit of violet, a tiny bit of purple, a tiny bit of yellow, and a tiny 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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