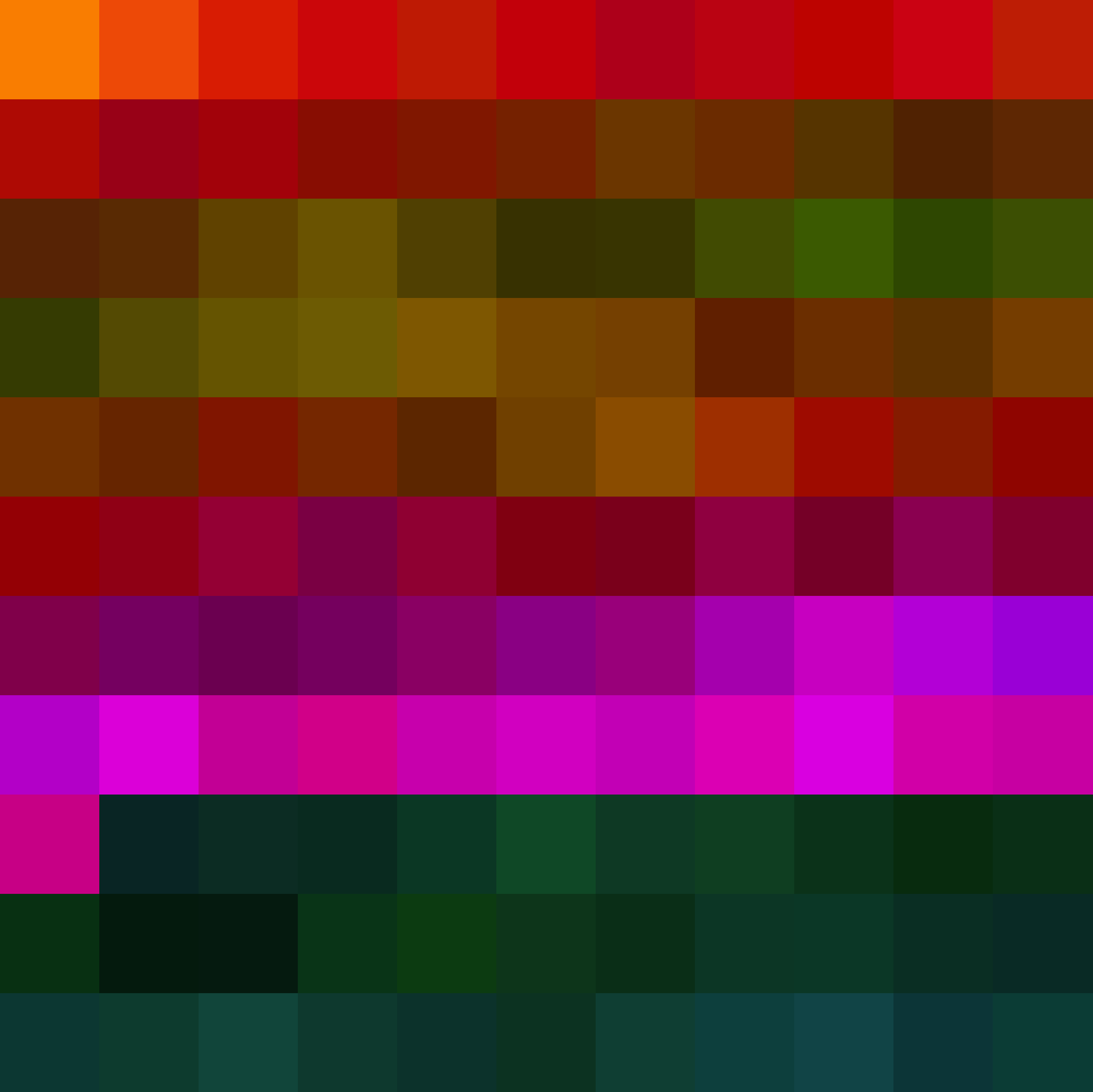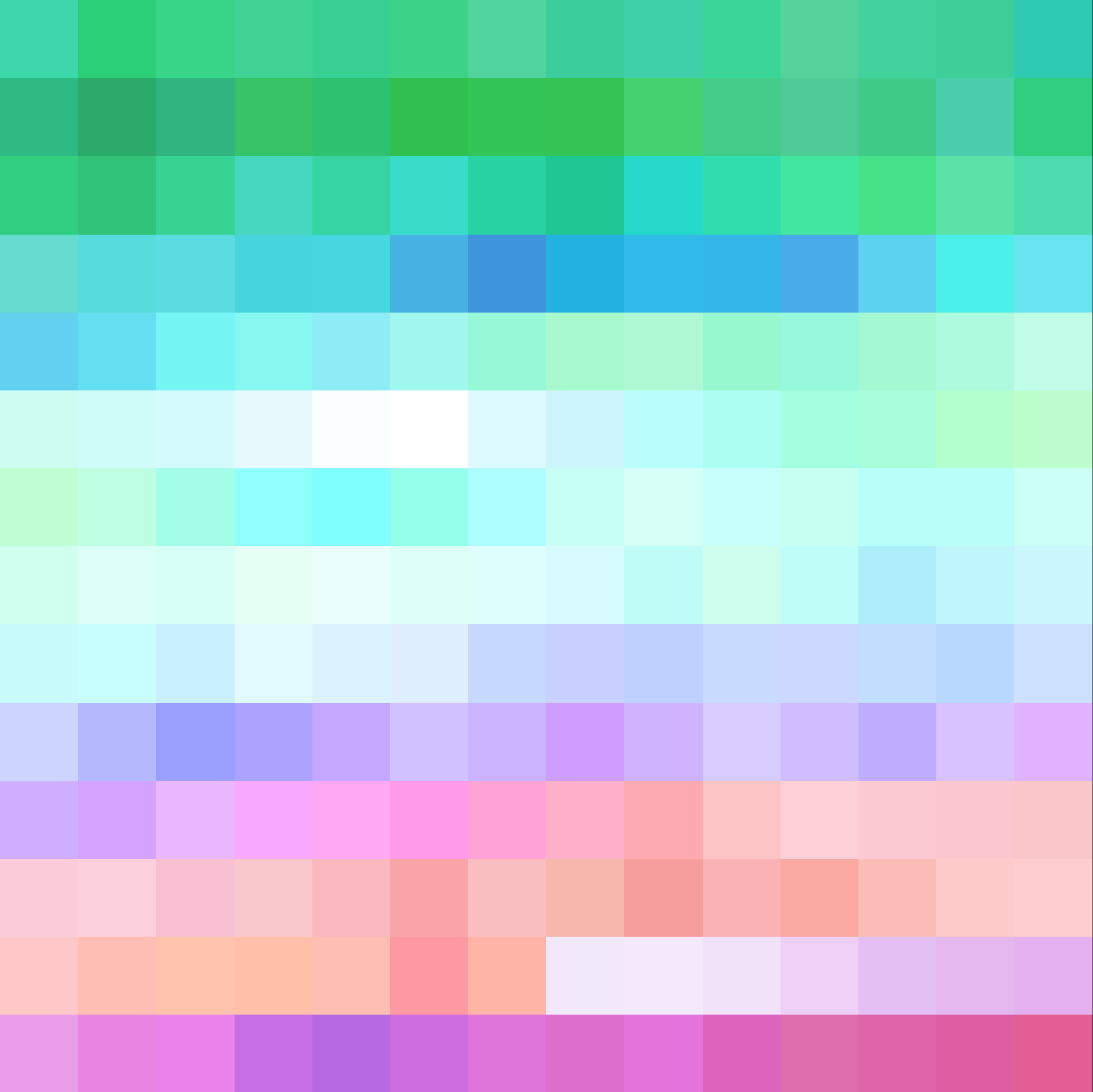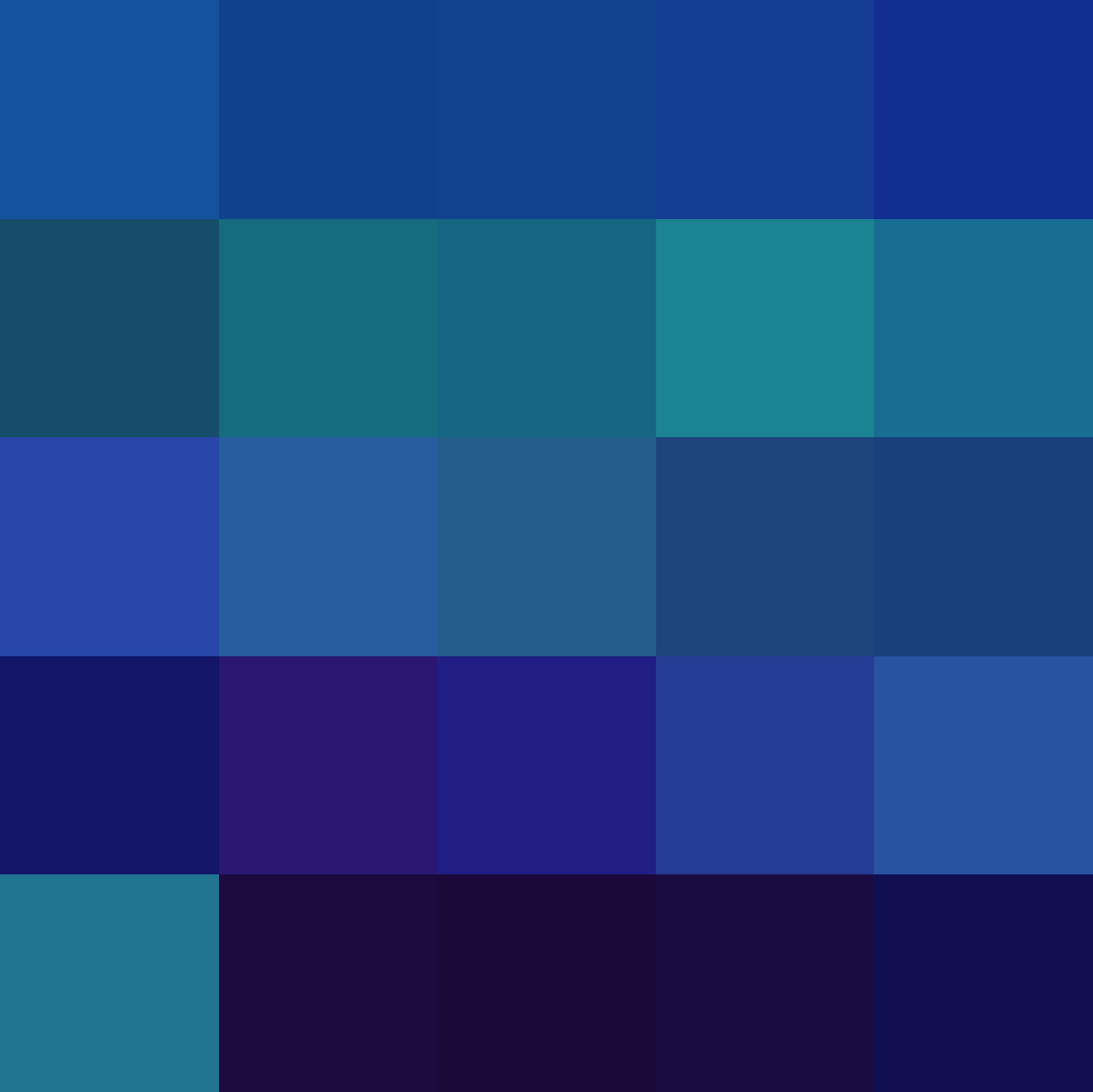# 100 random pixel gradients

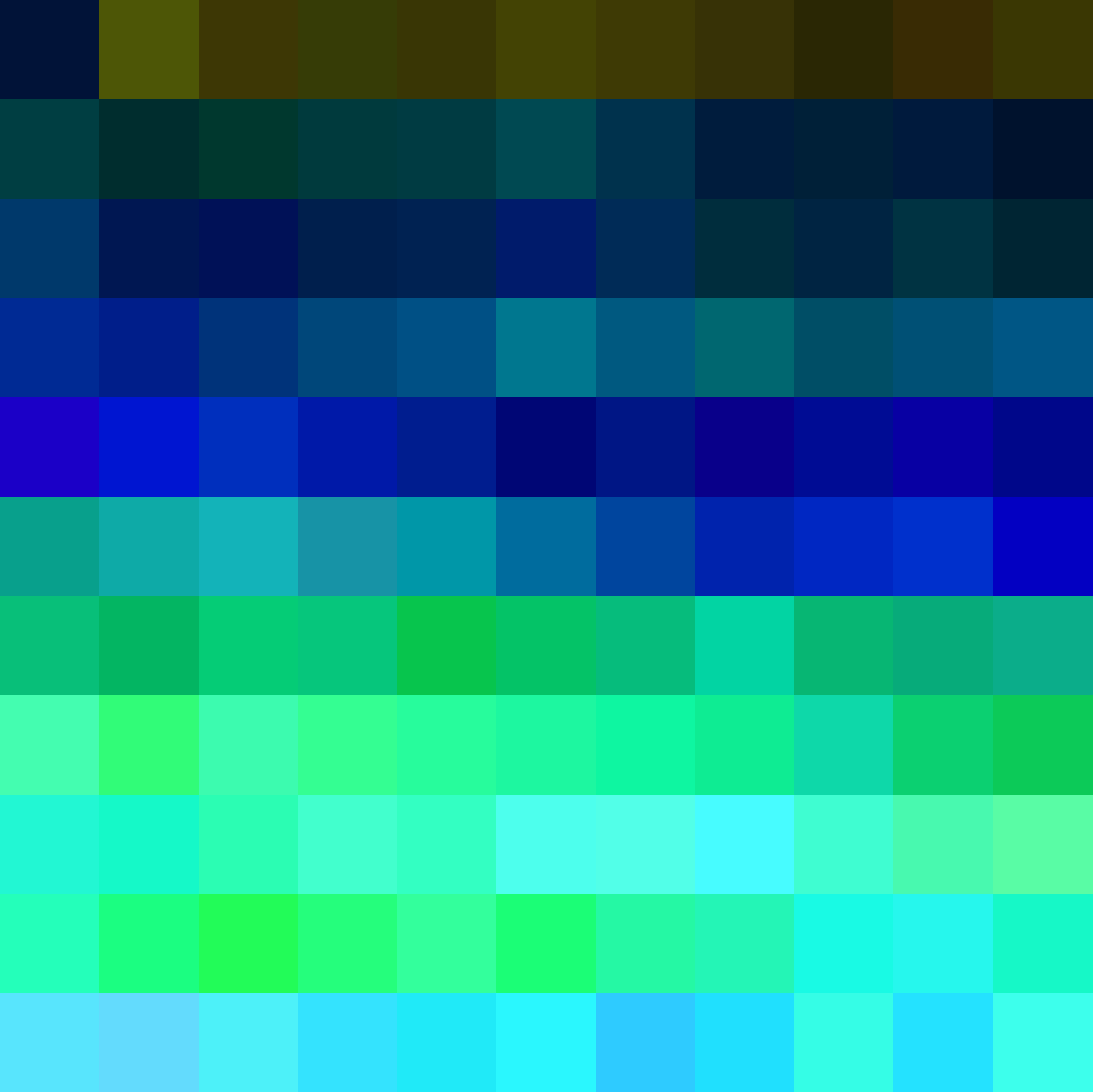Vasilis van Gemert - 16-01-2023

This very colourful gradient, generated in this 11 by 11 pixel grid, is mostly red, but it also has quite some orange, some green, a bit of cyan, a bit of yellow, and a tiny bit of lime in it.

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

The cells in this 5 by 5 pixel grid form a gradient. It is mostly blue, and it also has quite some indigo, a bit of cyan, and a little bit of violet in it.

The very colourful gradient in this 11 by 11 pixel grid is mostly blue, and it also has quite some cyan, quite some green, a bit of yellow, a little bit of indigo, and a tiny bit of orange in it.

This colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly magenta, but it also has quite some purple, a bit of rose, a little bit of red, and a tiny bit of violet in it.
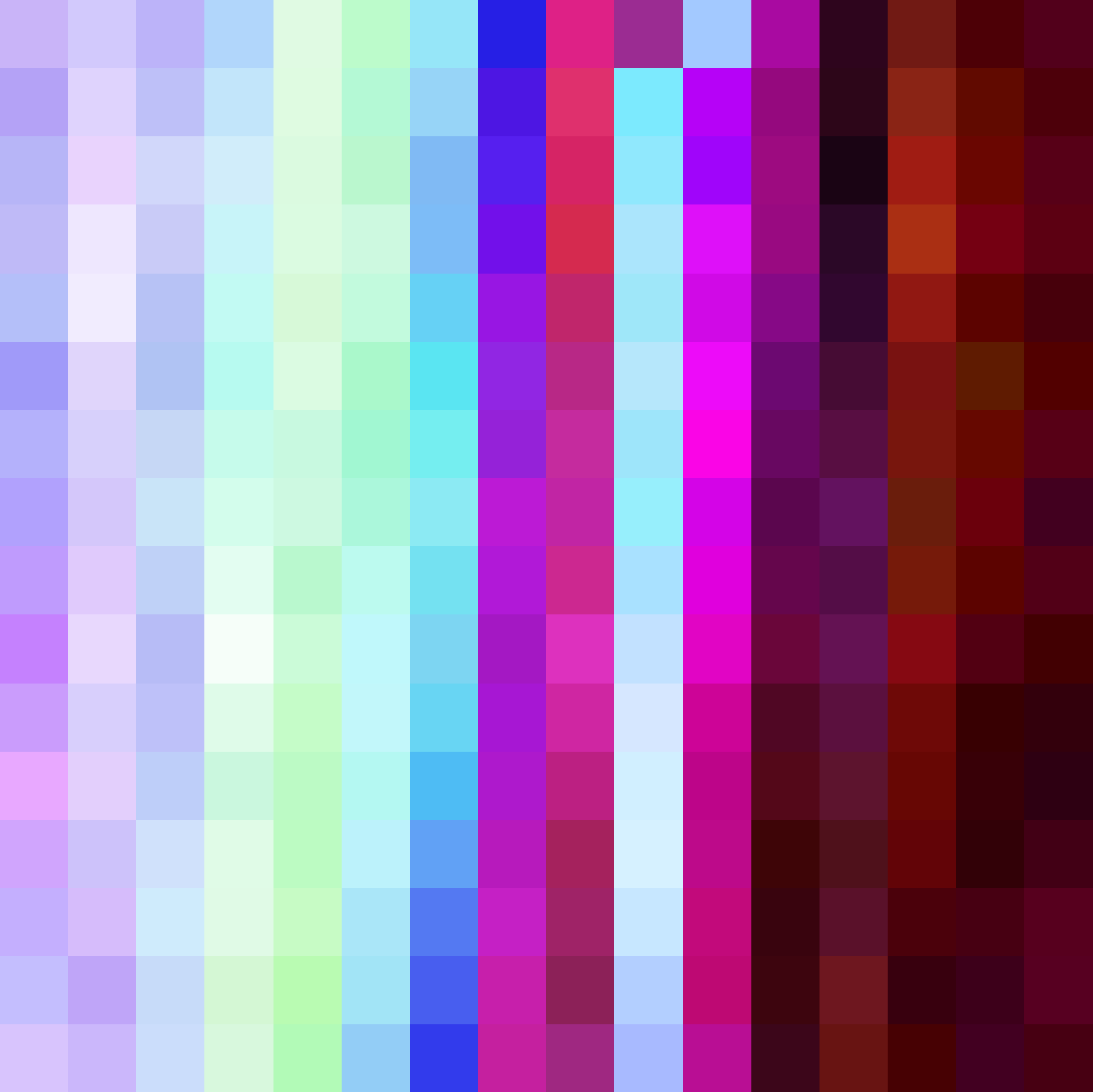
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly magenta, but it also has some red, some blue, some green, a bit of indigo, a bit of rose, a bit of cyan, a little bit of purple, a little bit of violet, and a tiny bit of orange in it.
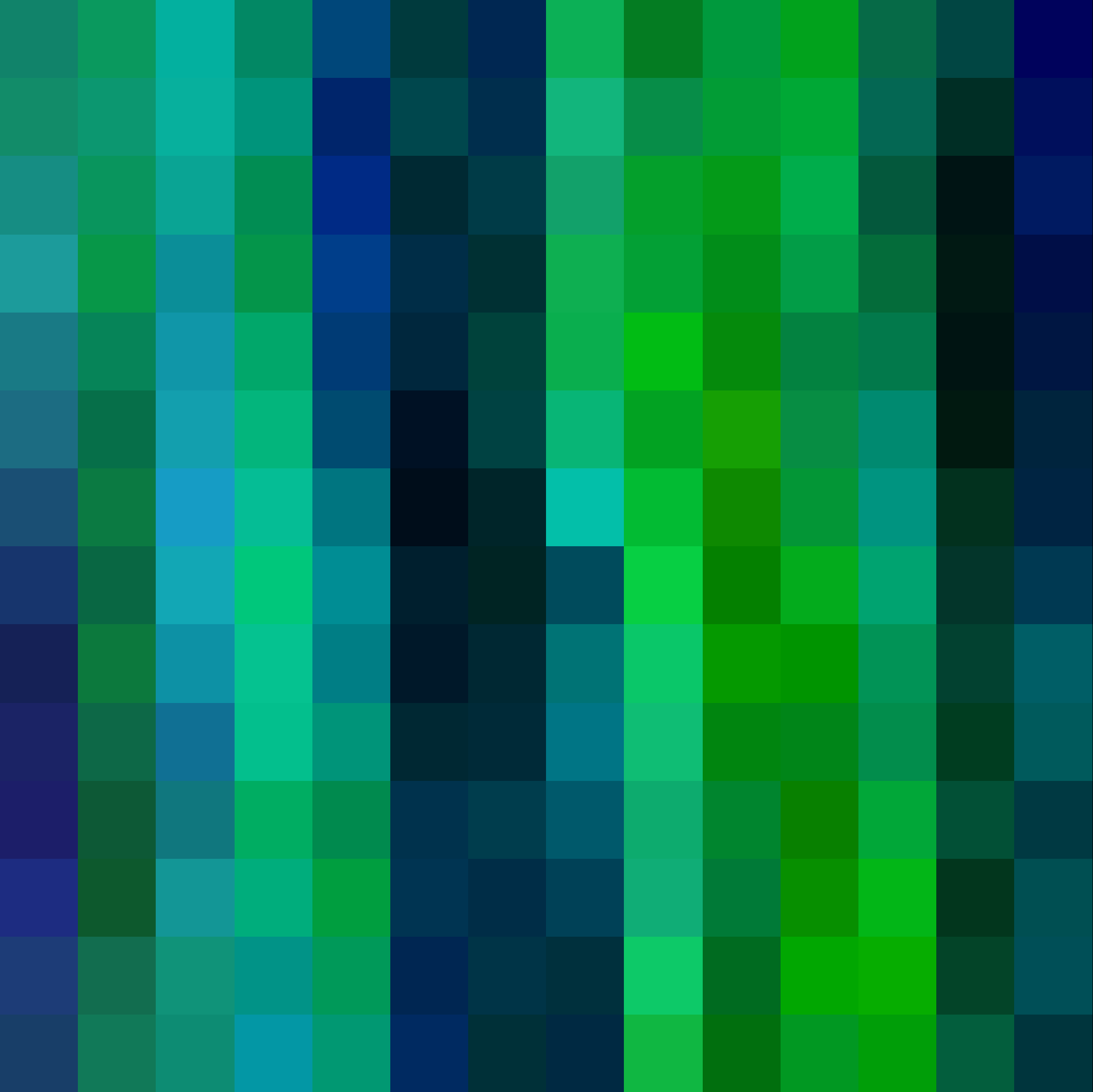
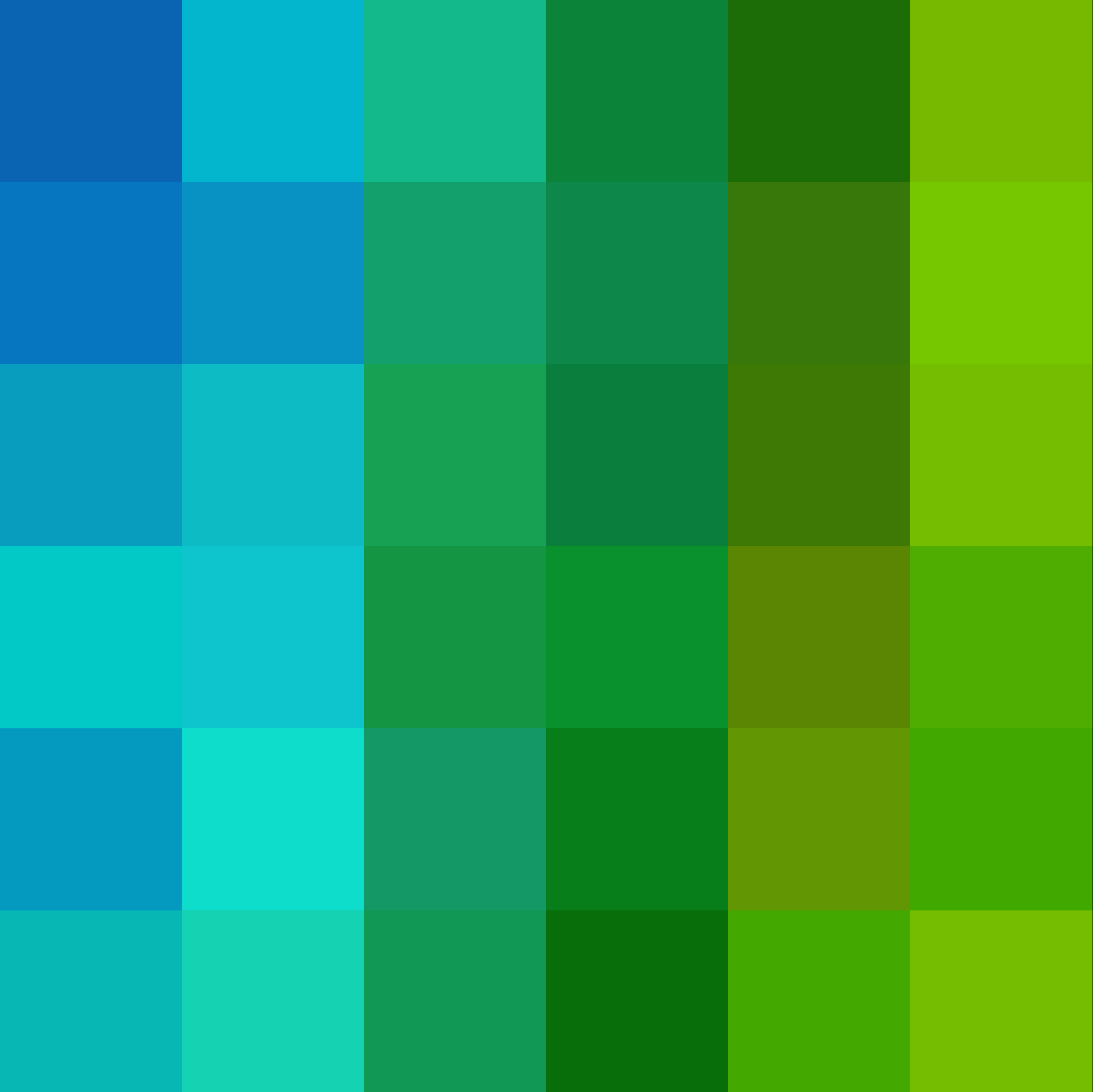A grid with 196 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some cyan, and quite some blue in it.
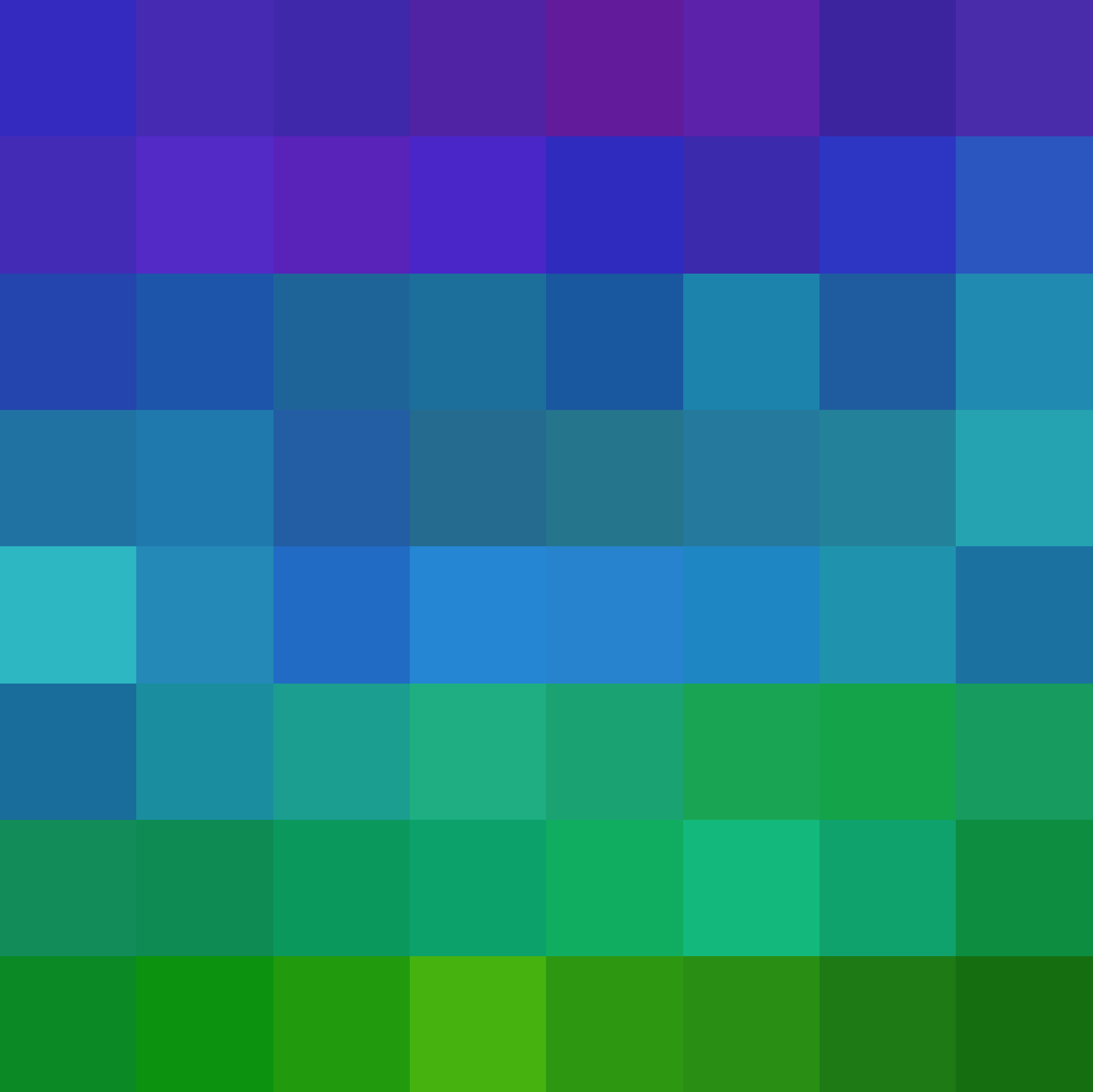
A grid with 64 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some green, some indigo, a bit of cyan, a little bit of violet, and a tiny bit of purple in it.
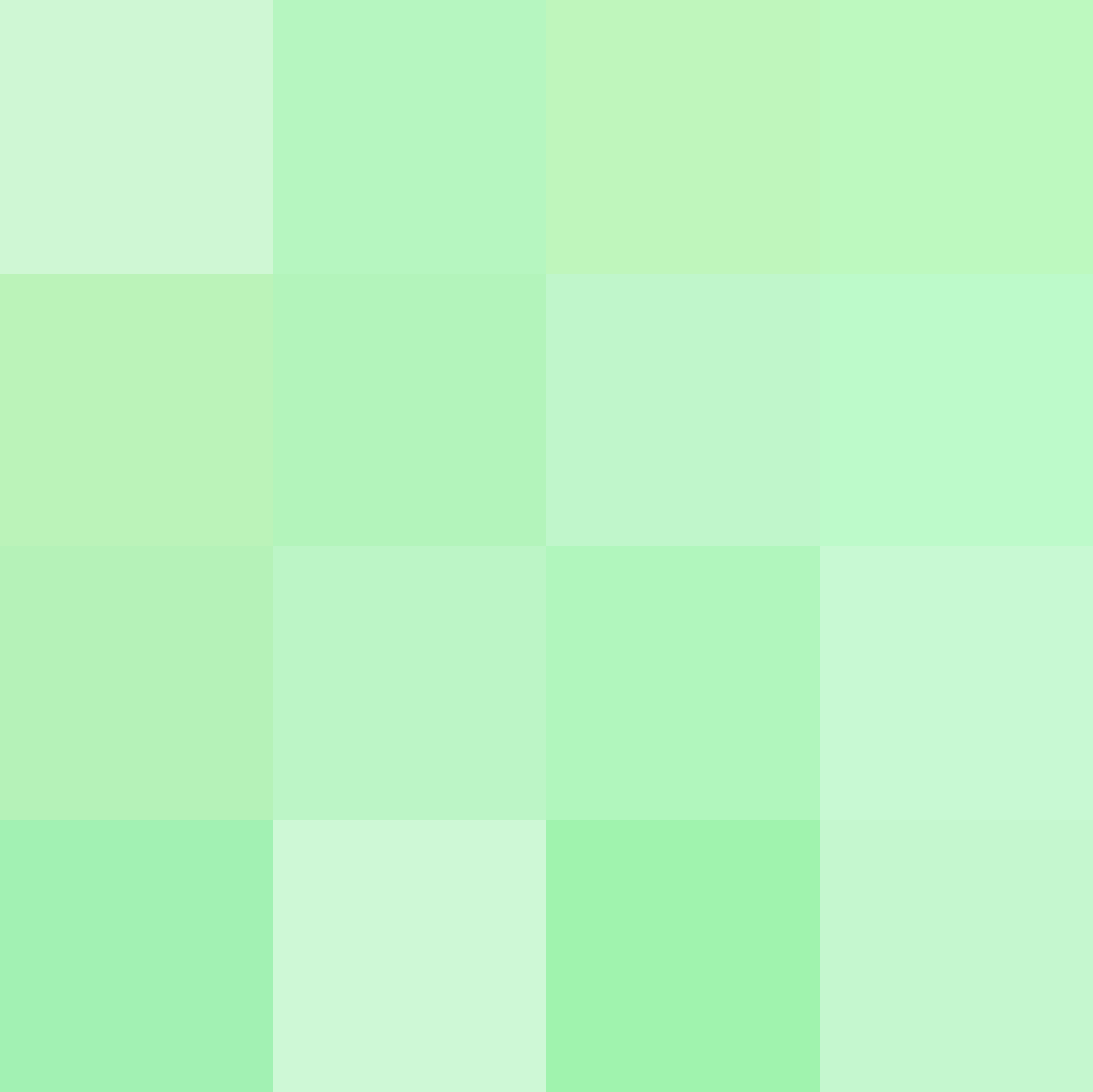
A 4 by 4 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some cyan, and a bit of blue in it.
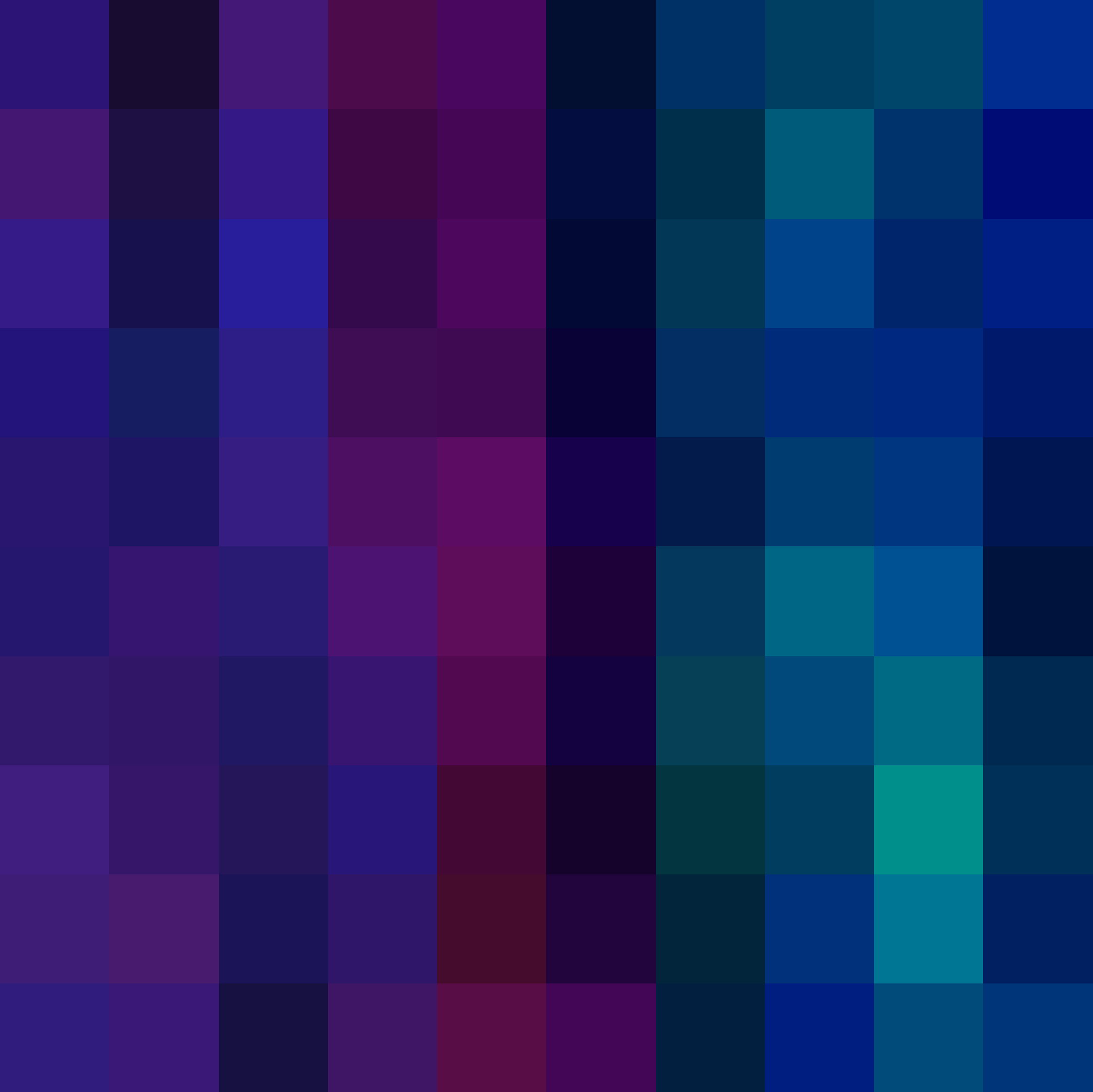
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some indigo, some purple, some violet, a bit of magenta, and a little bit of cyan in it.
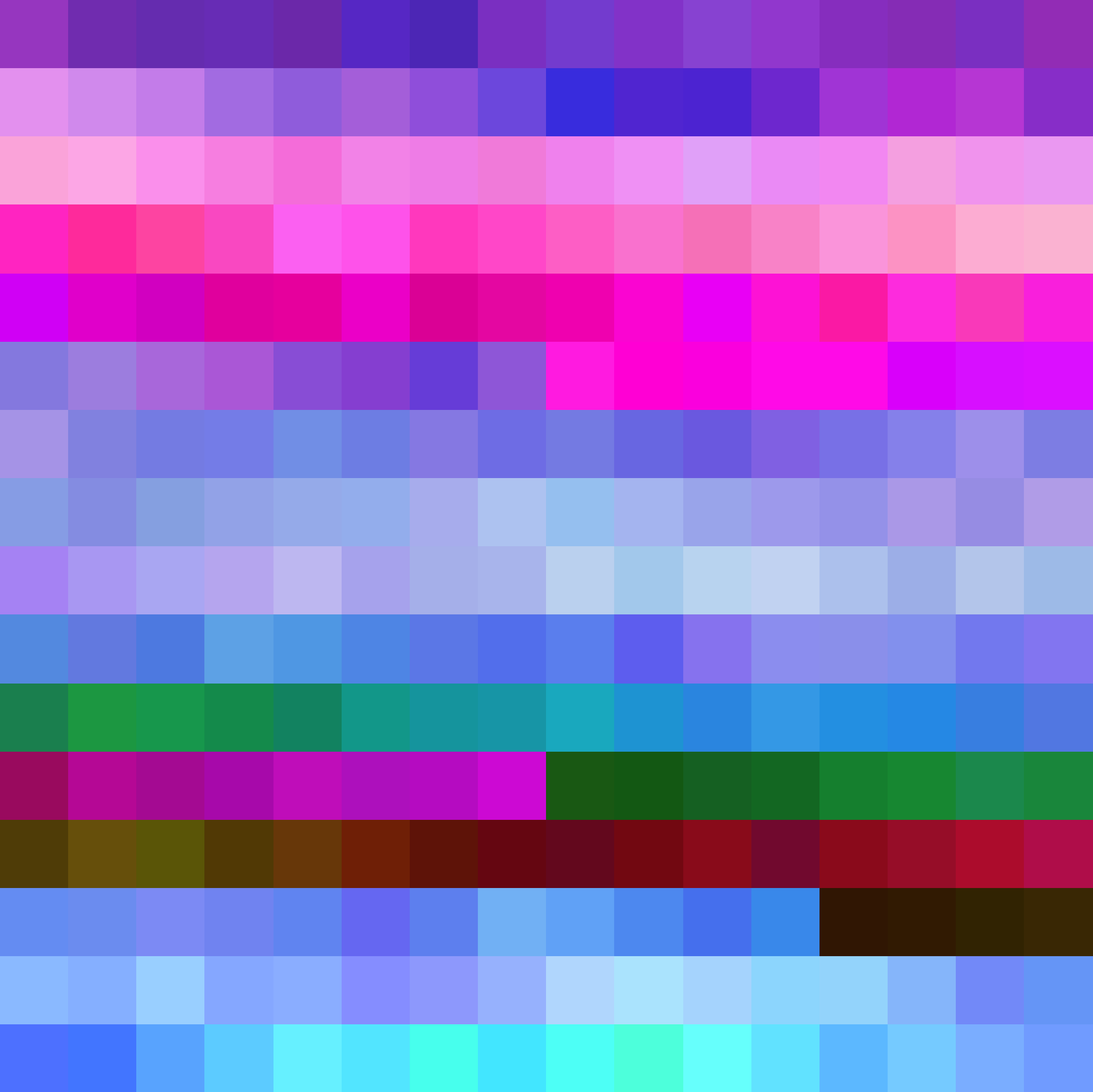
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some magenta, some indigo, a bit of purple, a little bit of green, a little bit of cyan, a little bit of violet, a little bit of red, a little bit of rose, a little bit of orange, and a tiny bit of yellow in it.

A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly orange, and it also has quite some yellow, some lime, a bit of green, and a bit of red in it.
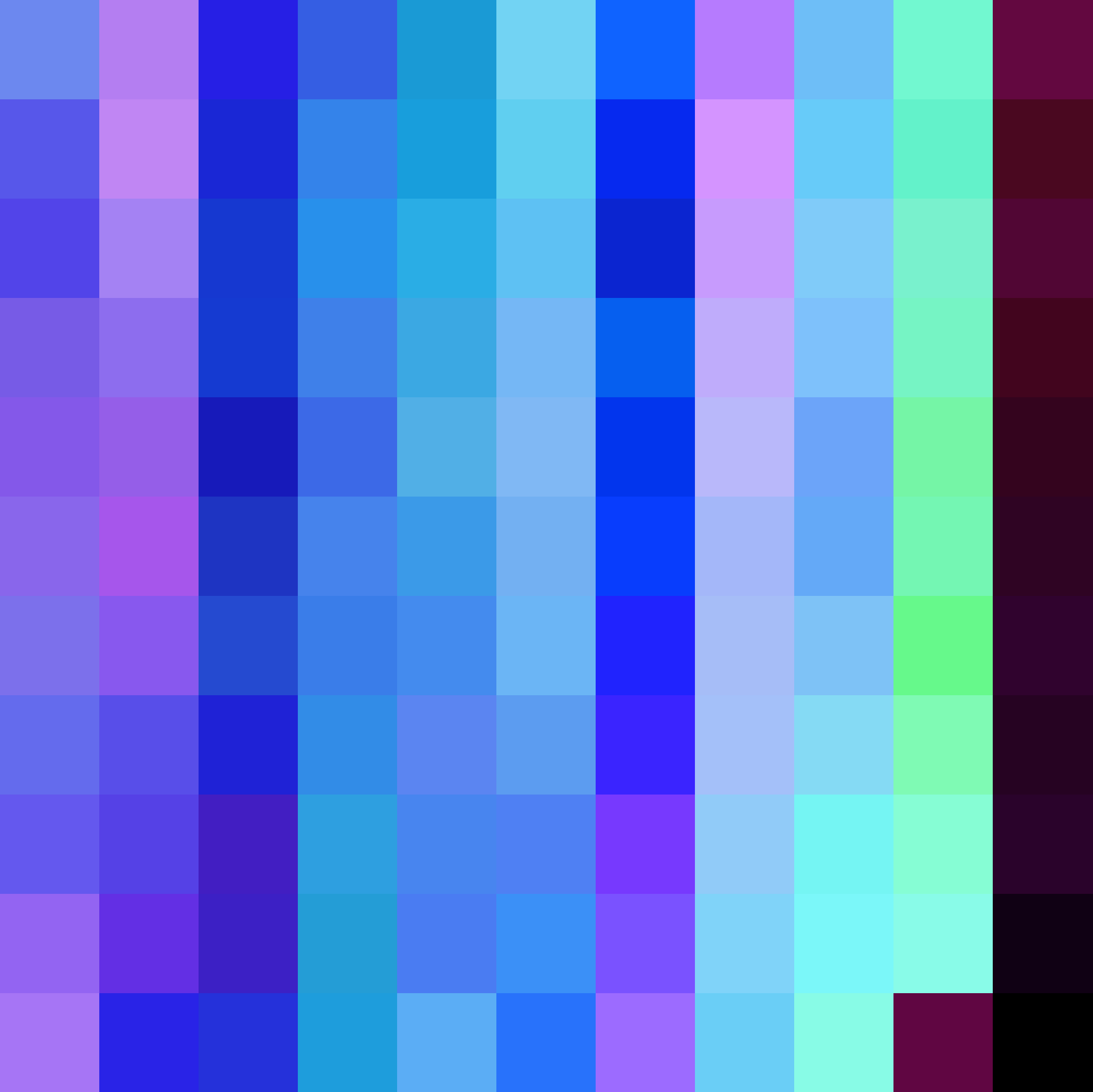
A very, very colourful grid of 121 blocks. It's mostly blue, but it also has some indigo, a bit of green, a little bit of magenta, a little bit of violet, a little bit of purple, a little bit of cyan, and a tiny bit of rose in it.

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

The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, and it also has quite some red, a bit of cyan, a little bit of blue, a little bit of indigo, a tiny bit of lime, a tiny bit of yellow, a tiny bit of magenta, and a tiny bit of purple in it.
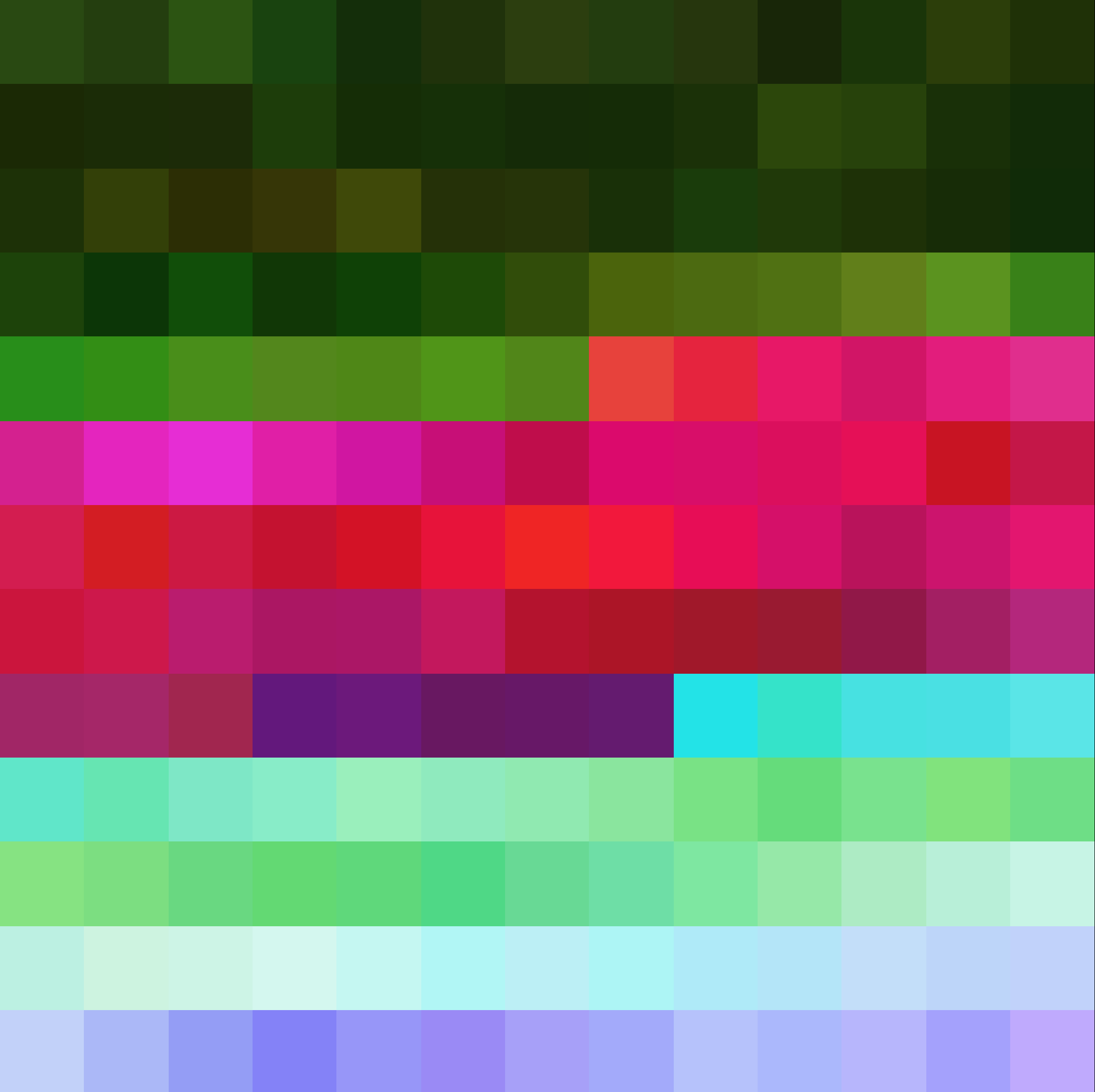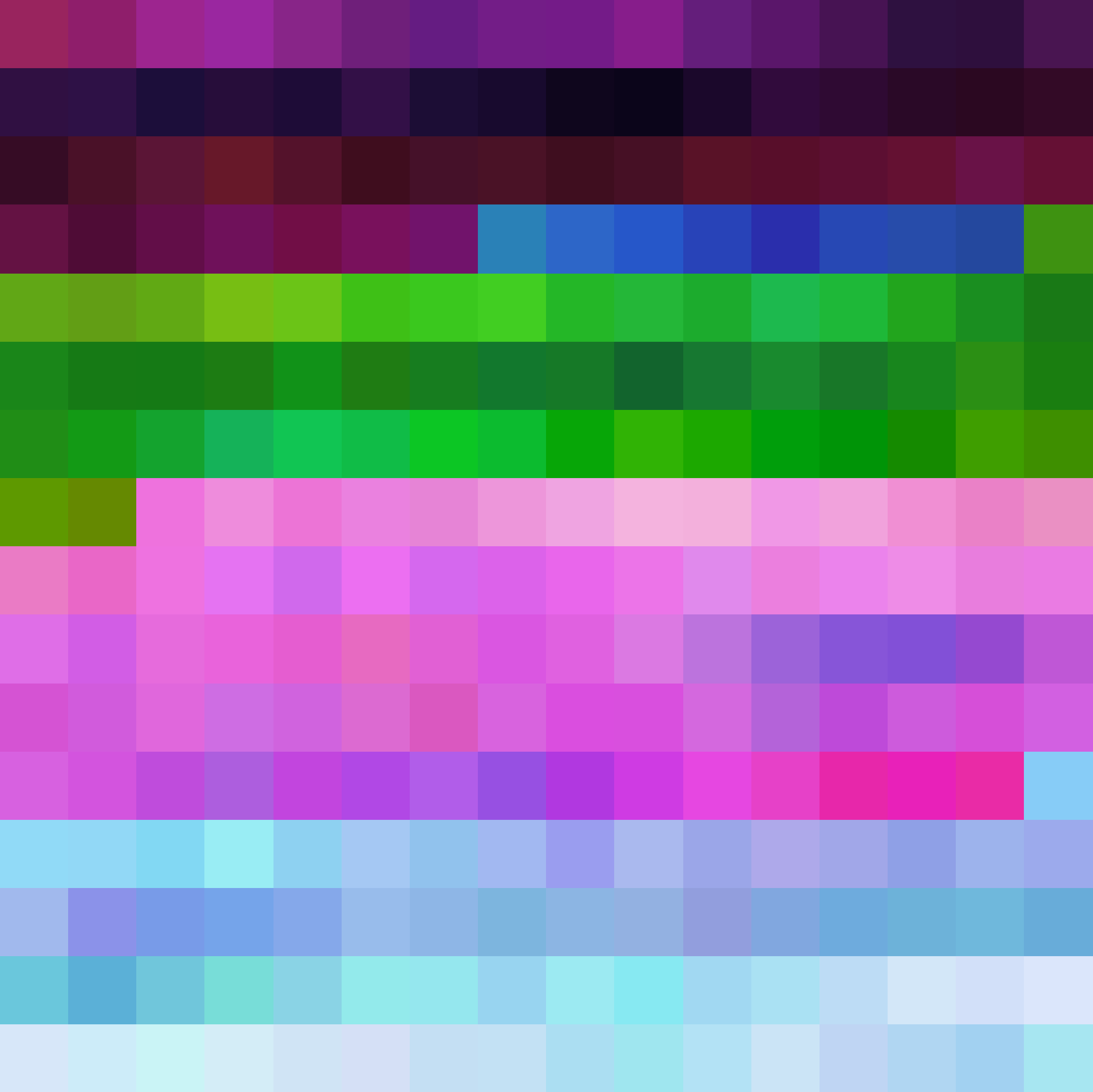
A grid with 36 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has some magenta, some indigo, some purple, some violet, a bit of rose, and a bit of cyan in it.

There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly magenta, but it also has quite some blue, quite some green, some purple, a little bit of rose, a little bit of cyan, a little bit of violet, a tiny bit of indigo, a tiny bit of red, and a tiny bit of lime in it.
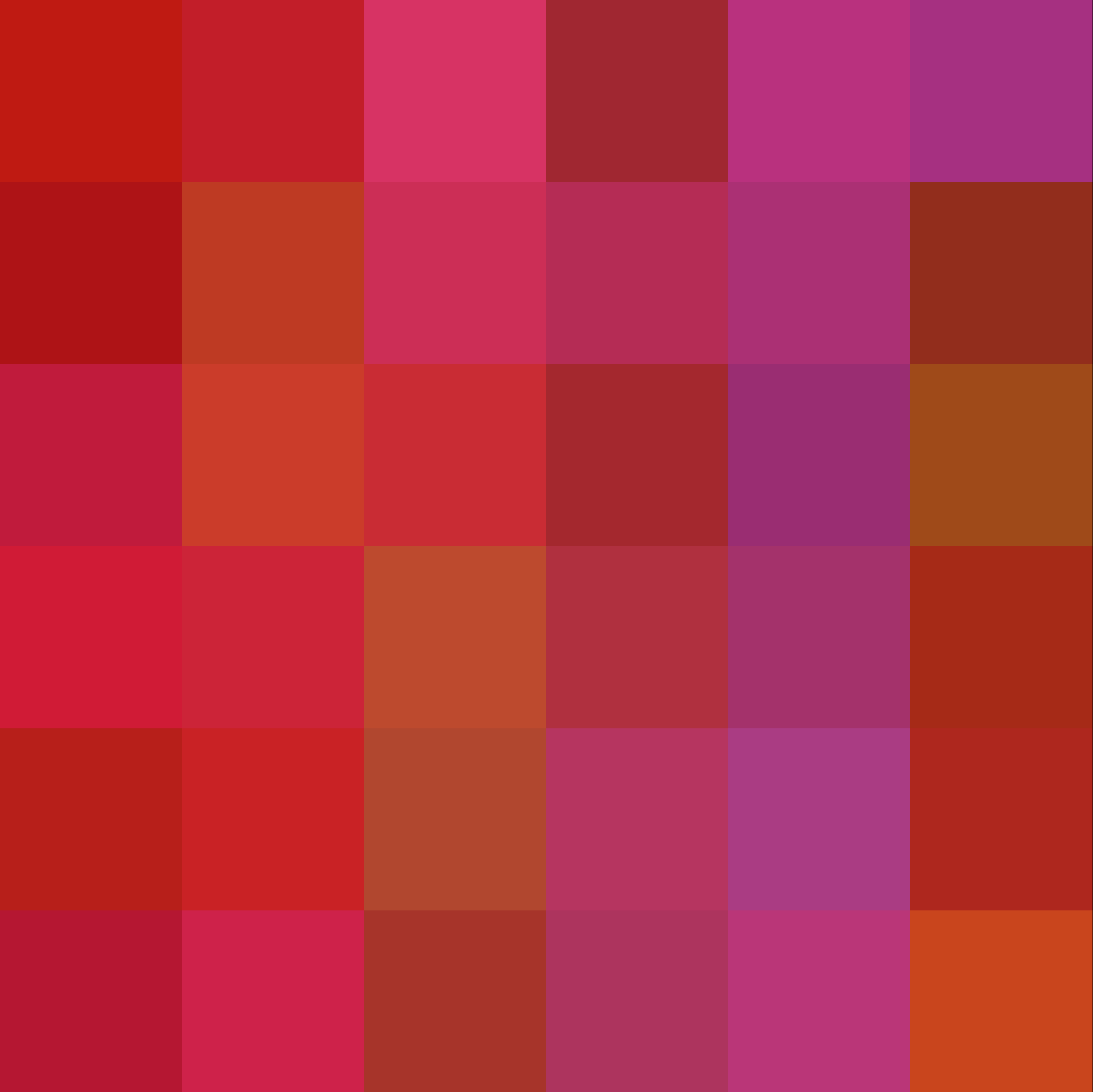
Here's a 6 by 6 pixelated grid that forms a two tone gradient. It is mostly red, but it also has a little bit of orange in it.

There's a colourful pixel gradient in this 13 by 13 grid. It is mostly red, and it also has quite some orange, some yellow, a bit of green, and a little bit of lime in it.
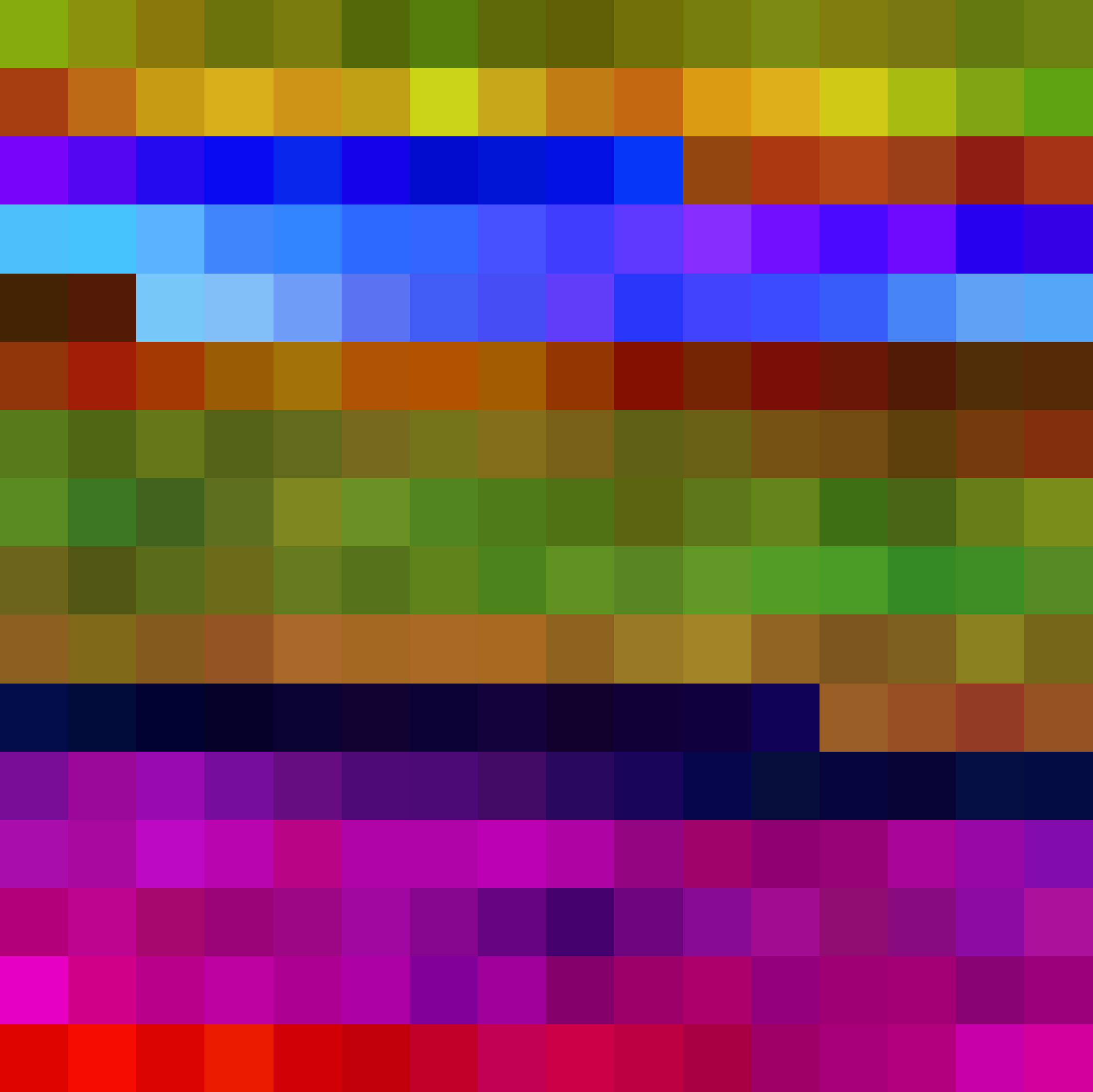
A very, very colourful grid of 256 blocks. It's mostly magenta, but it also has some orange, some yellow, some blue, a bit of green, a bit of indigo, a little bit of lime, a little bit of red, a little bit of purple, a tiny bit of violet, and a tiny bit of rose in it.
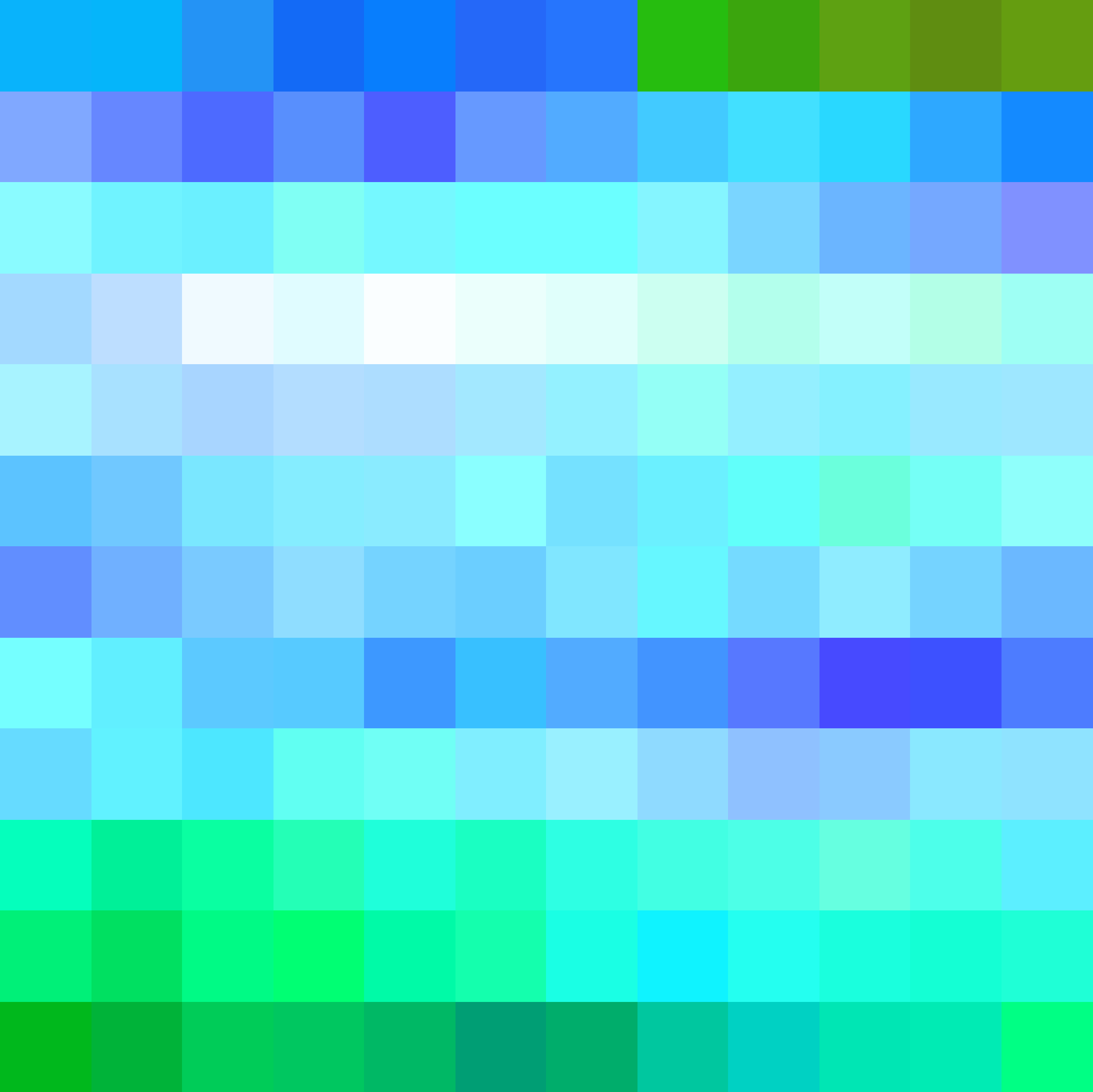
The cells in this 12 by 12 pixel grid form a gradient. It is mostly cyan, but it also has quite some blue, and some green in it.
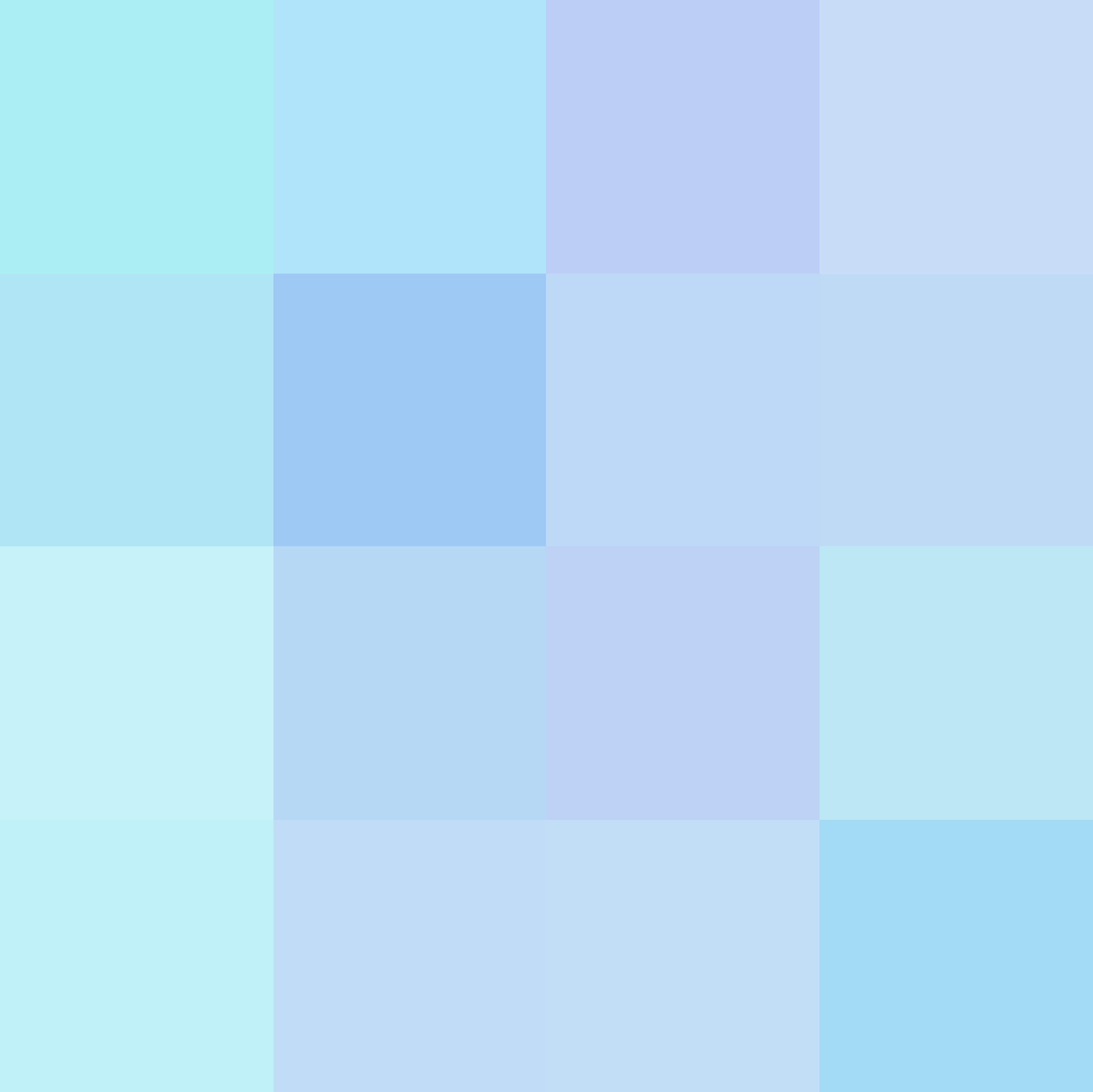
A two tone grid of 16 blocks. It's mostly blue, but it also has quite some cyan in it.
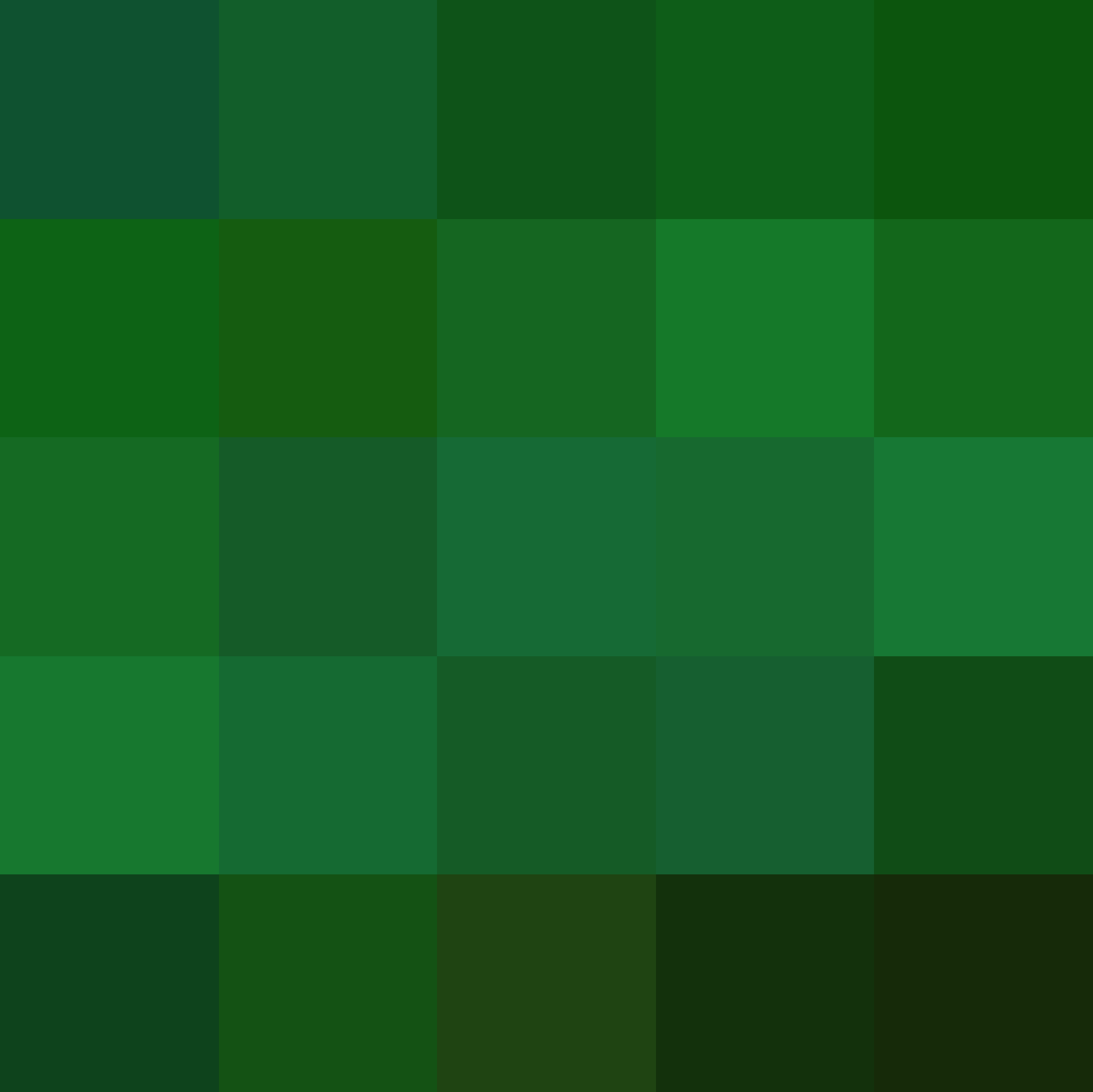
A 5 by 5 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.
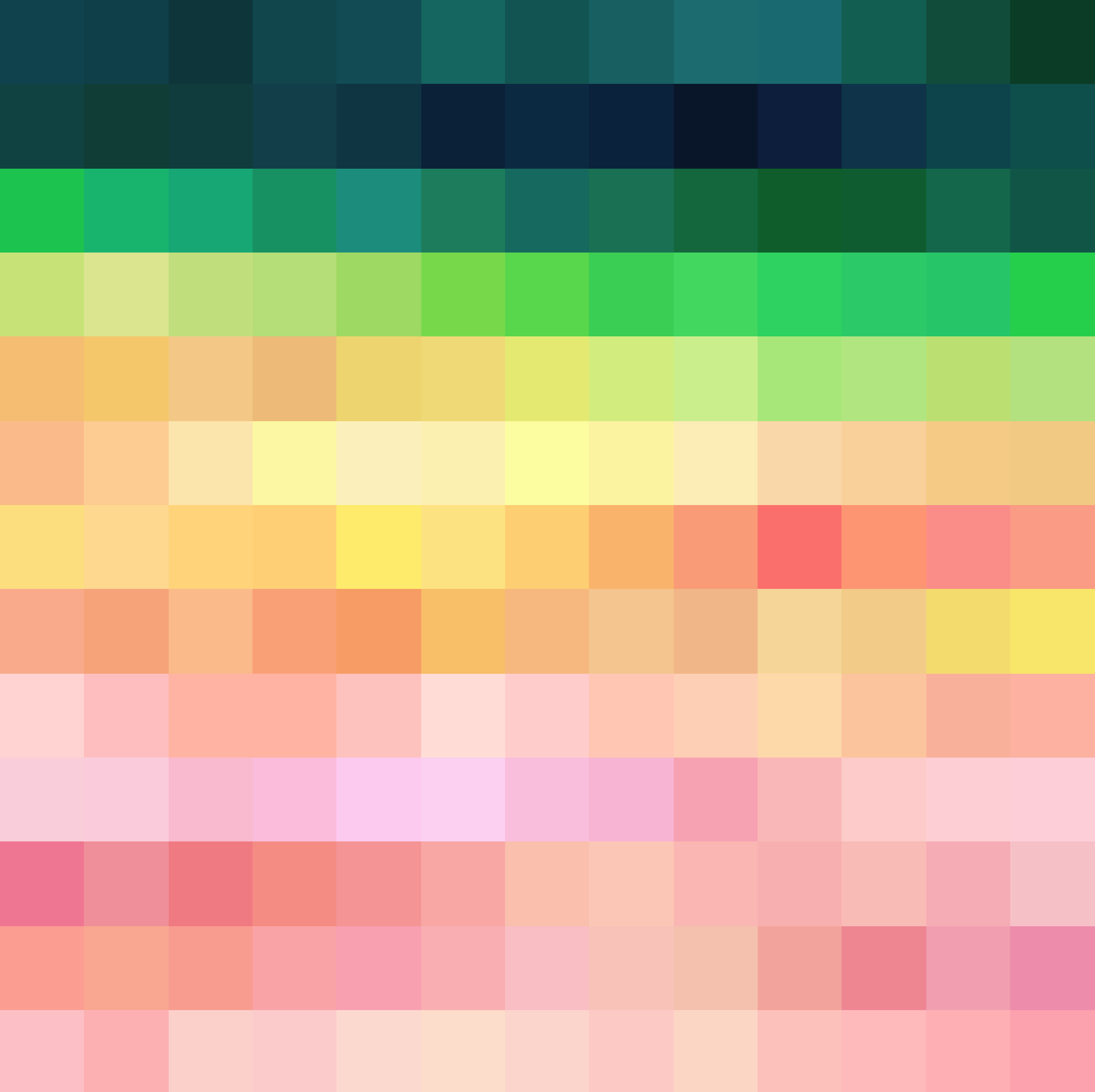
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly red, and it also has quite some orange, some green, some cyan, a bit of yellow, a little bit of blue, and a tiny bit of lime in it.
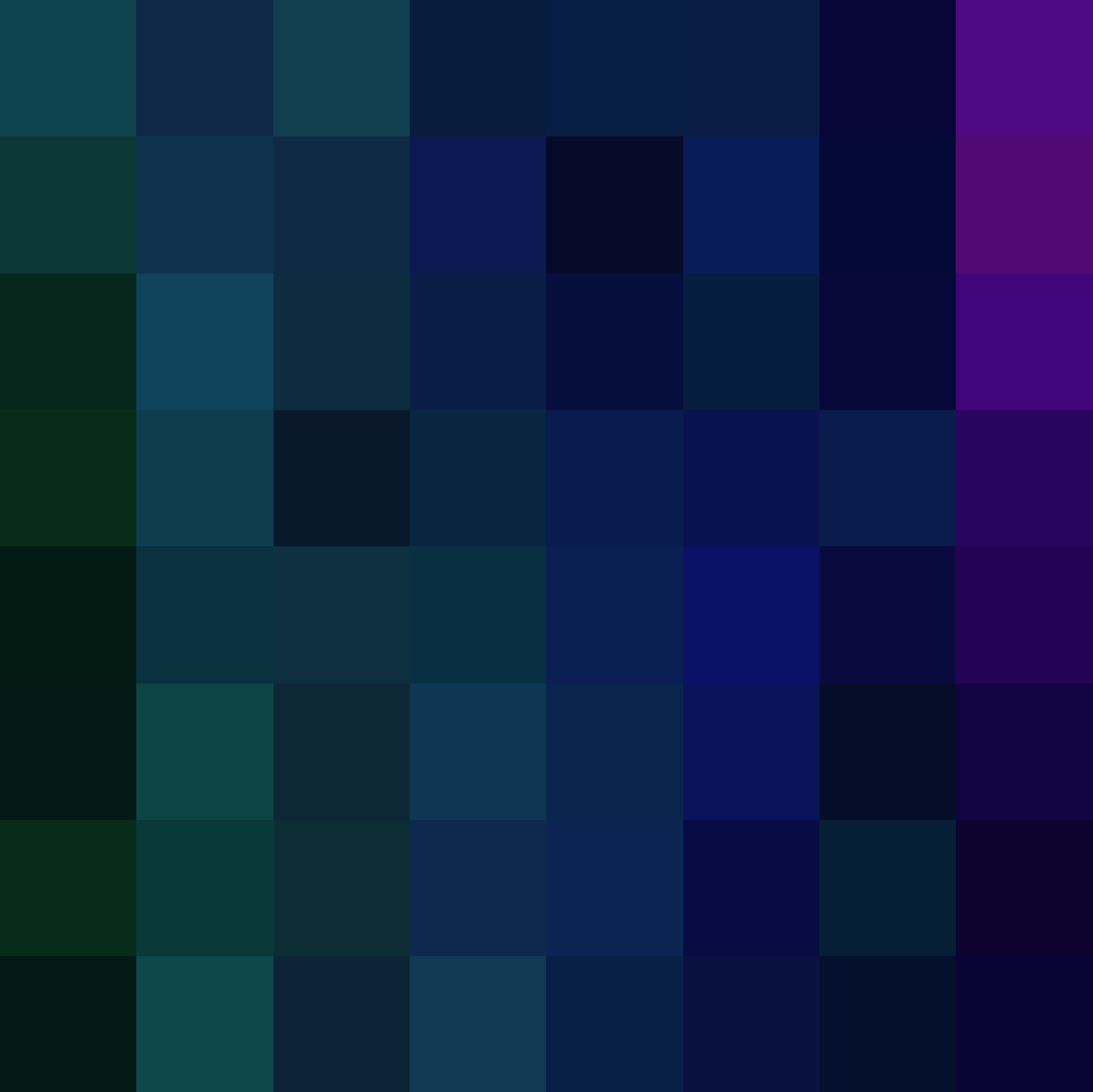
The cells in this 8 by 8 pixel grid form a very colourful gradient. It is mostly blue, and it also has some cyan, a bit of green, a little bit of indigo, a little bit of violet, and a little bit of purple in it.
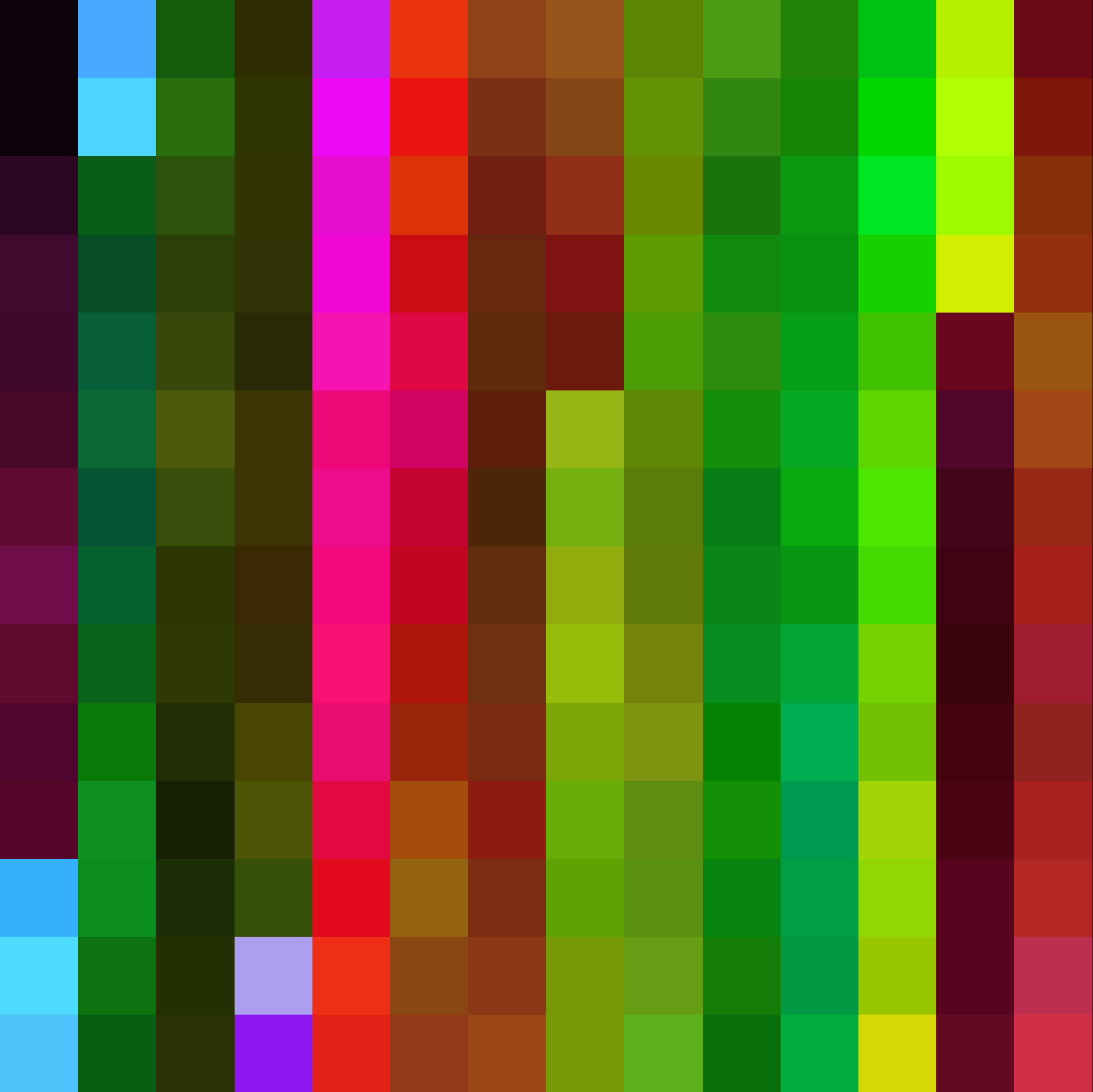
There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly green, and it also has some red, some orange, a bit of lime, a bit of yellow, a bit of rose, a little bit of magenta, a tiny bit of blue, a tiny bit of purple, a tiny bit of cyan, and a tiny bit of indigo in it.

This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly green, and it also has a bit of cyan, a bit of blue, a bit of lime, a bit of yellow, a little bit of indigo, a little bit of purple, a little bit of violet, a little bit of magenta, and a tiny bit of rose in it.
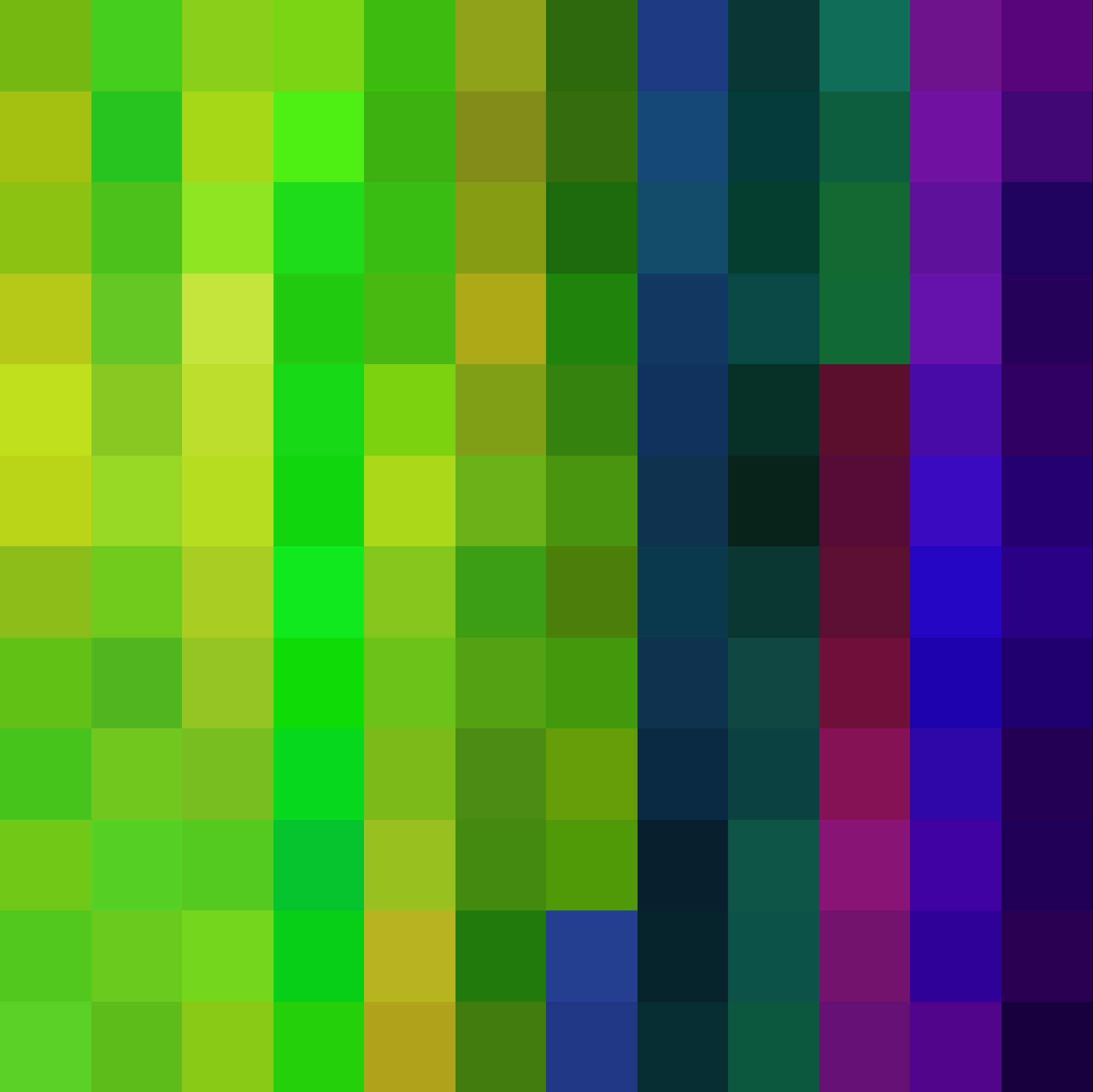
A grid with 256 coloured squares that form a
very colourful gradient. The colours are various
shades of mostly red, and it also has some green,
some orange, a little bit of yellow, a tiny bit of
lime, and a tiny bit of cyan in it.
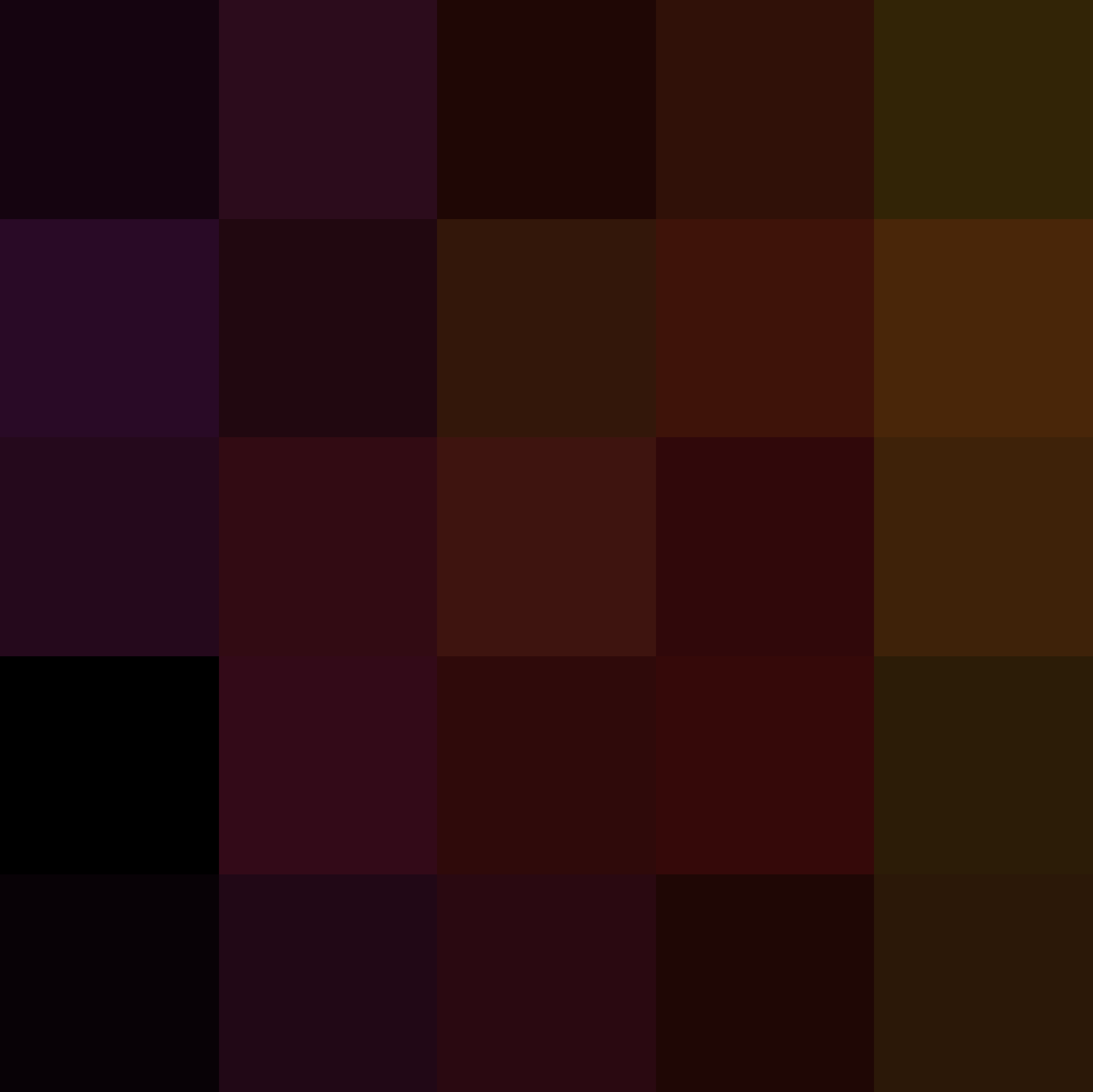
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some magenta, quite some orange, and some rose in it.
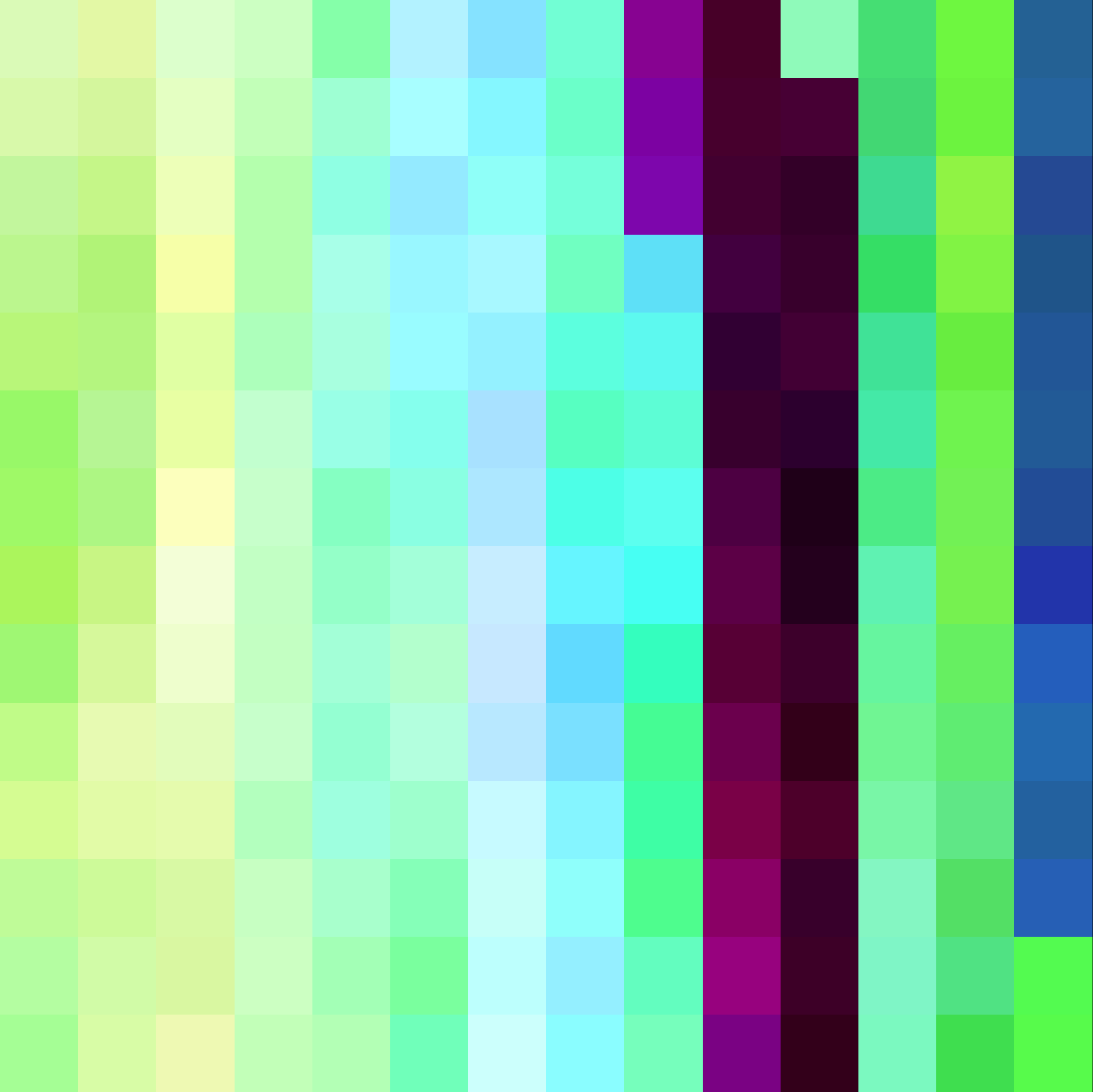
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, and it also has some cyan, some magenta, a bit of blue, a little bit of lime, a tiny bit of yellow, a tiny bit of rose, and a tiny bit of purple in it.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly cyan, and it also has quite some blue, a bit of green, and a little bit of indigo in it.

This colourful gradient, generated in this 6 by 6 pixel grid, is mostly magenta, but it also has some rose, some red, some orange, and a little bit of yellow in it.

A very, very colourful grid of 196 blocks. It's mostly blue, and it also has some indigo, some orange, some yellow, a bit of cyan, a little bit of violet, a little bit of lime, a tiny bit of purple, and a tiny bit of red in it.
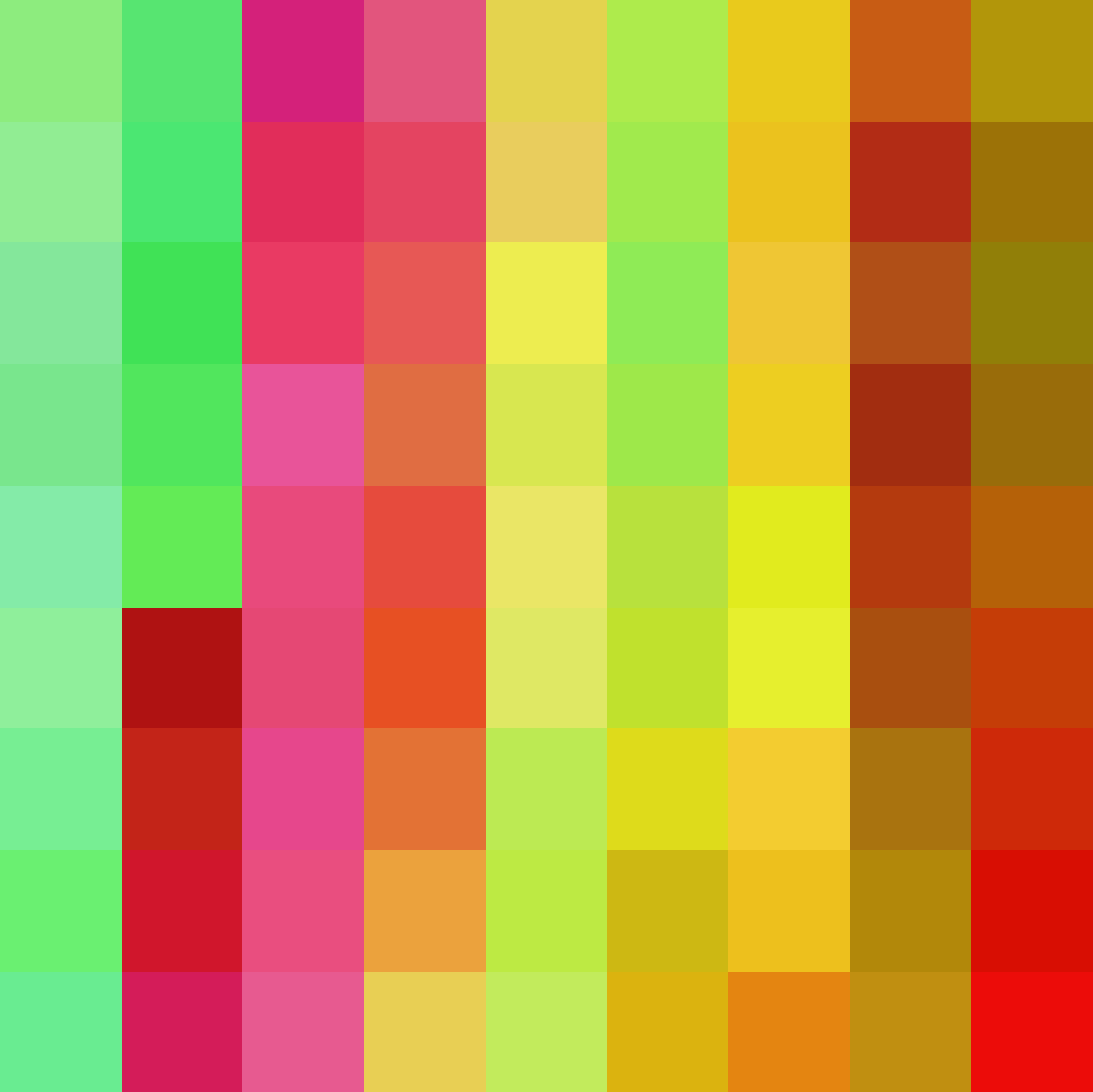
This colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly red, and it also has quite some yellow, quite some green, some orange, and a little bit of lime in it.
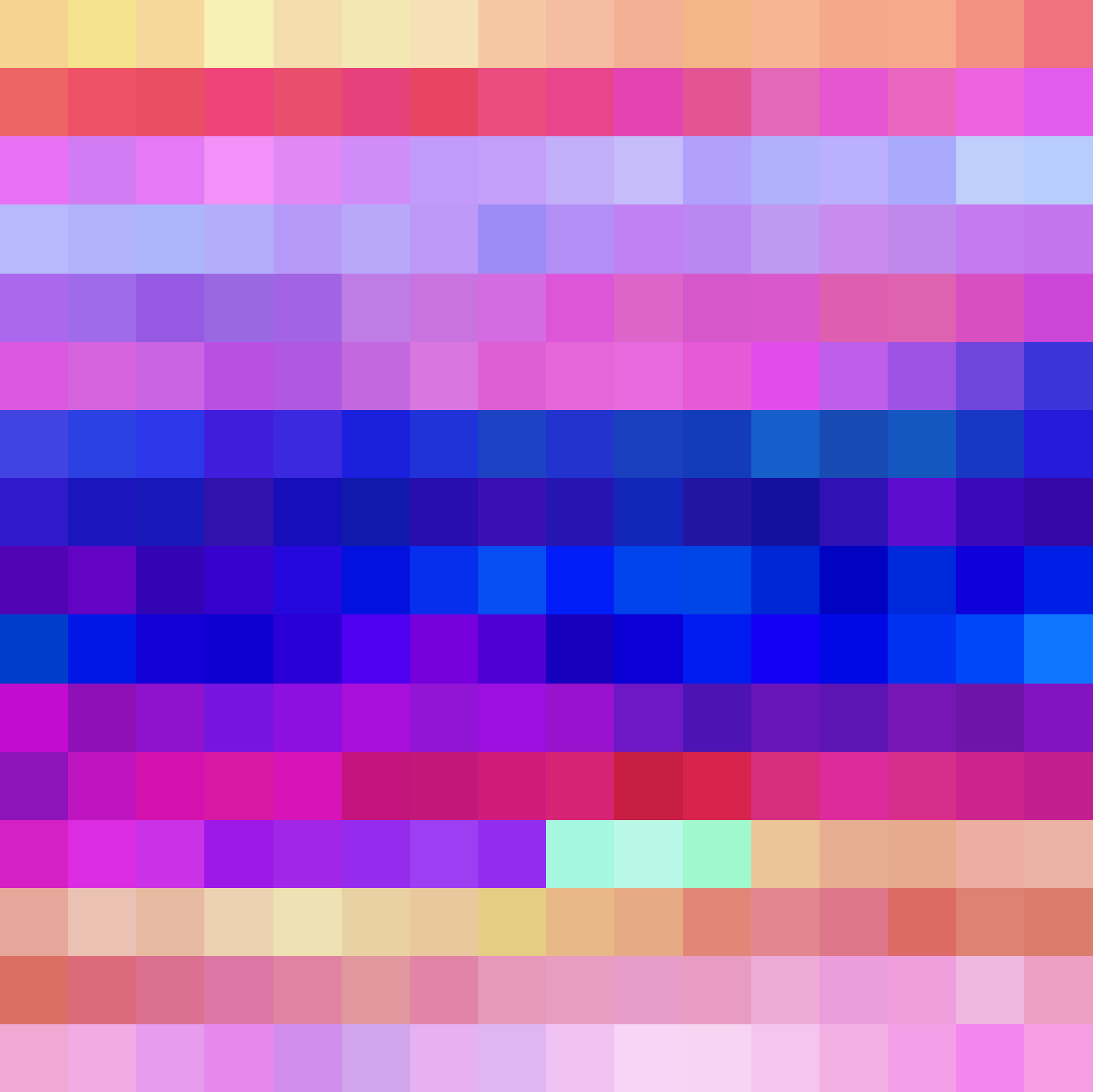
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has a bit of orange, a bit of purple, a little bit of magenta, a tiny bit of violet, a tiny bit of yellow, a tiny bit of rose, and a tiny bit of green in it.
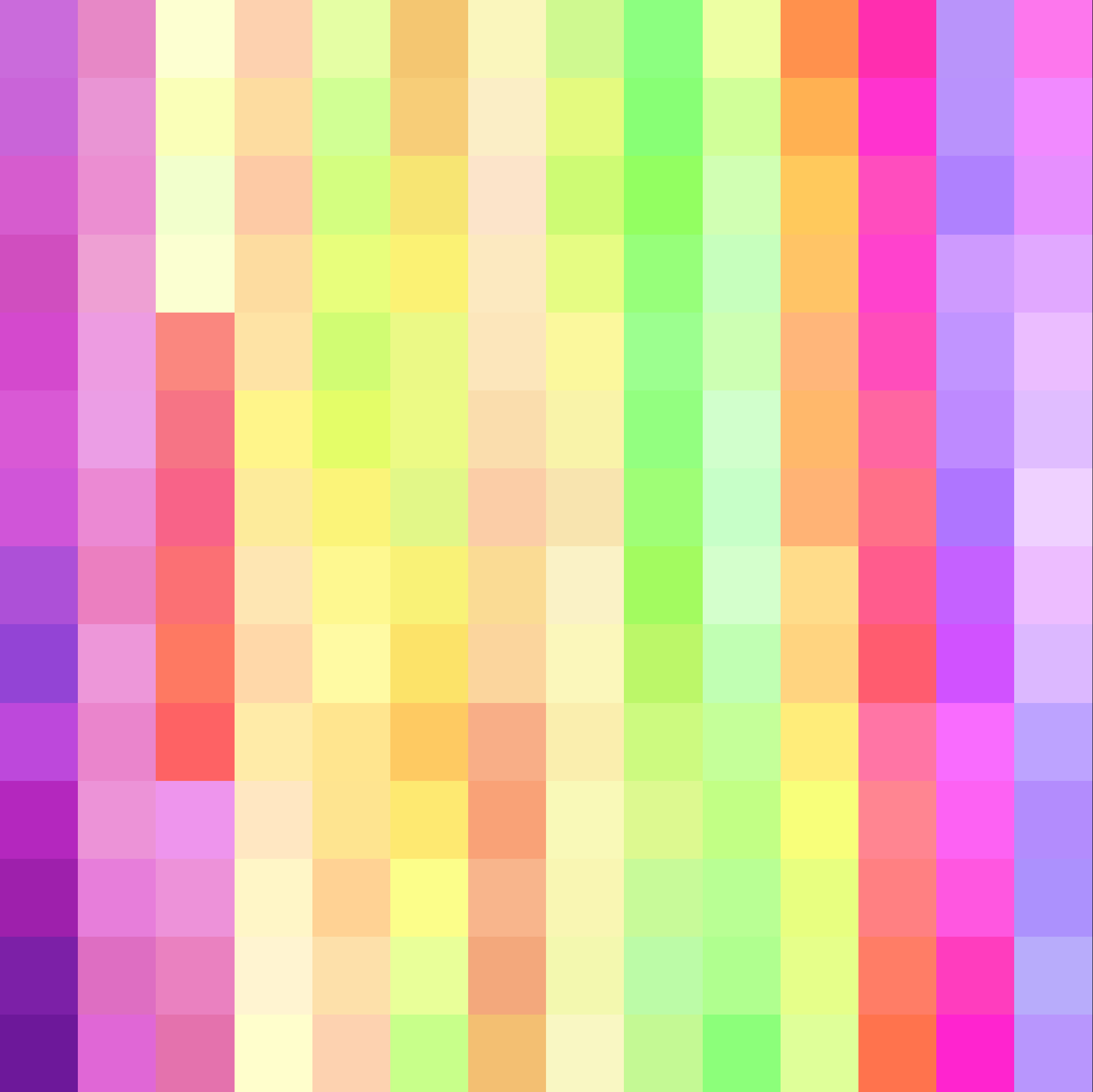
This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly red, and it also has some orange, some yellow, some green, some magenta, a little bit of lime, a little bit of purple, and a tiny bit of rose in it.

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

The gradient in this 5 by 5 pixel grid is mostly yellow, and it also has quite some lime, a bit of green, and a little bit of orange in it.
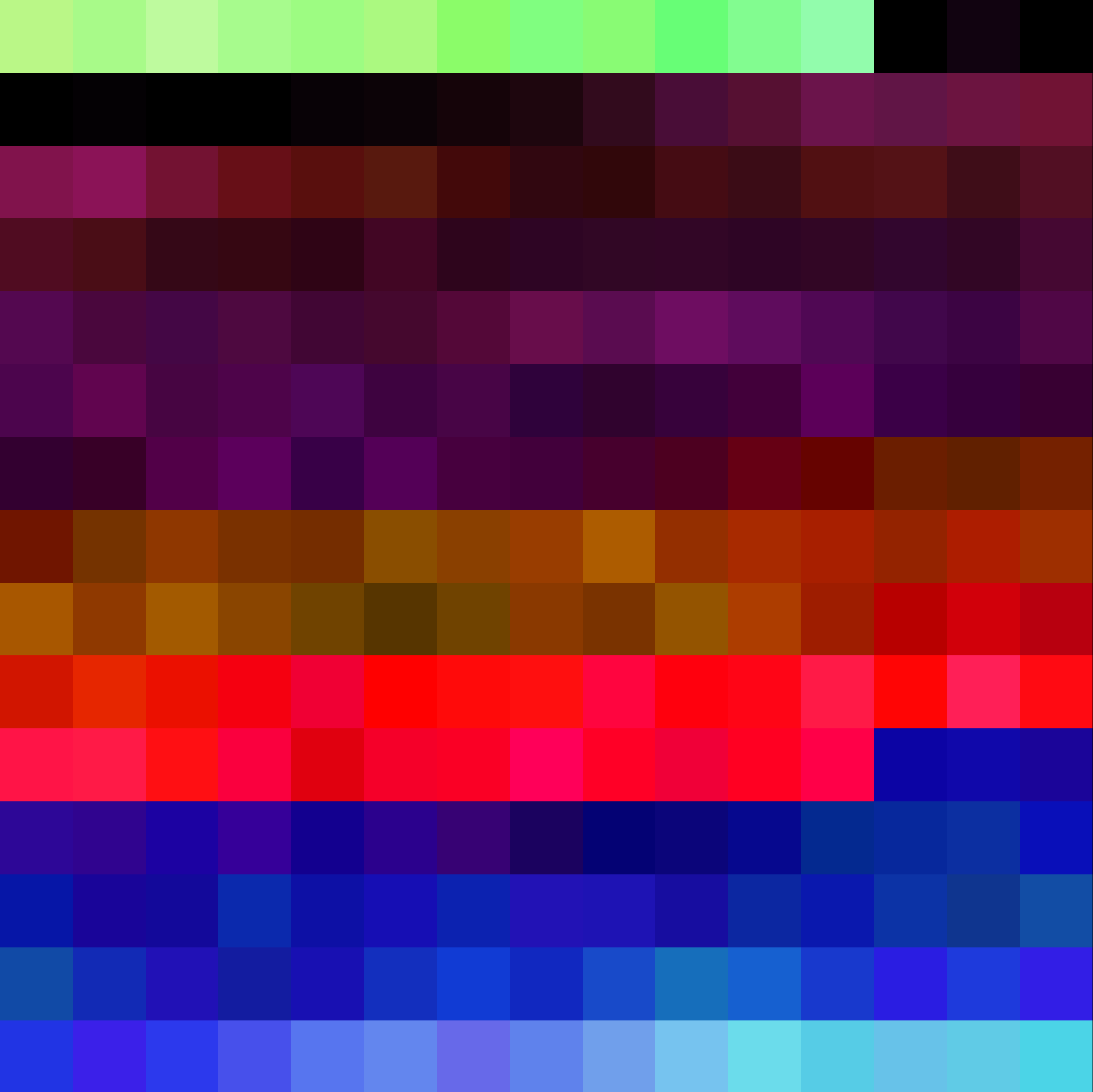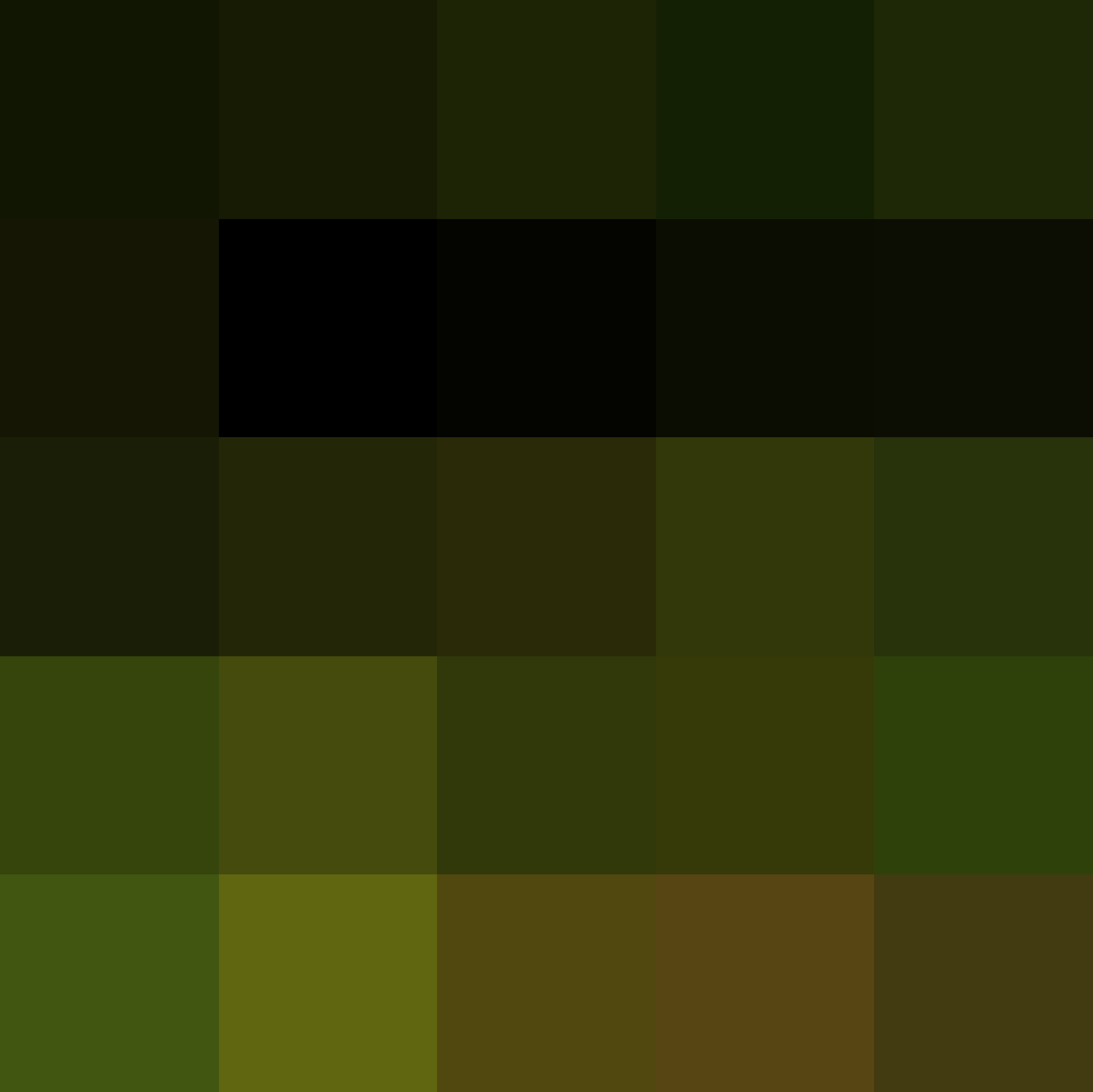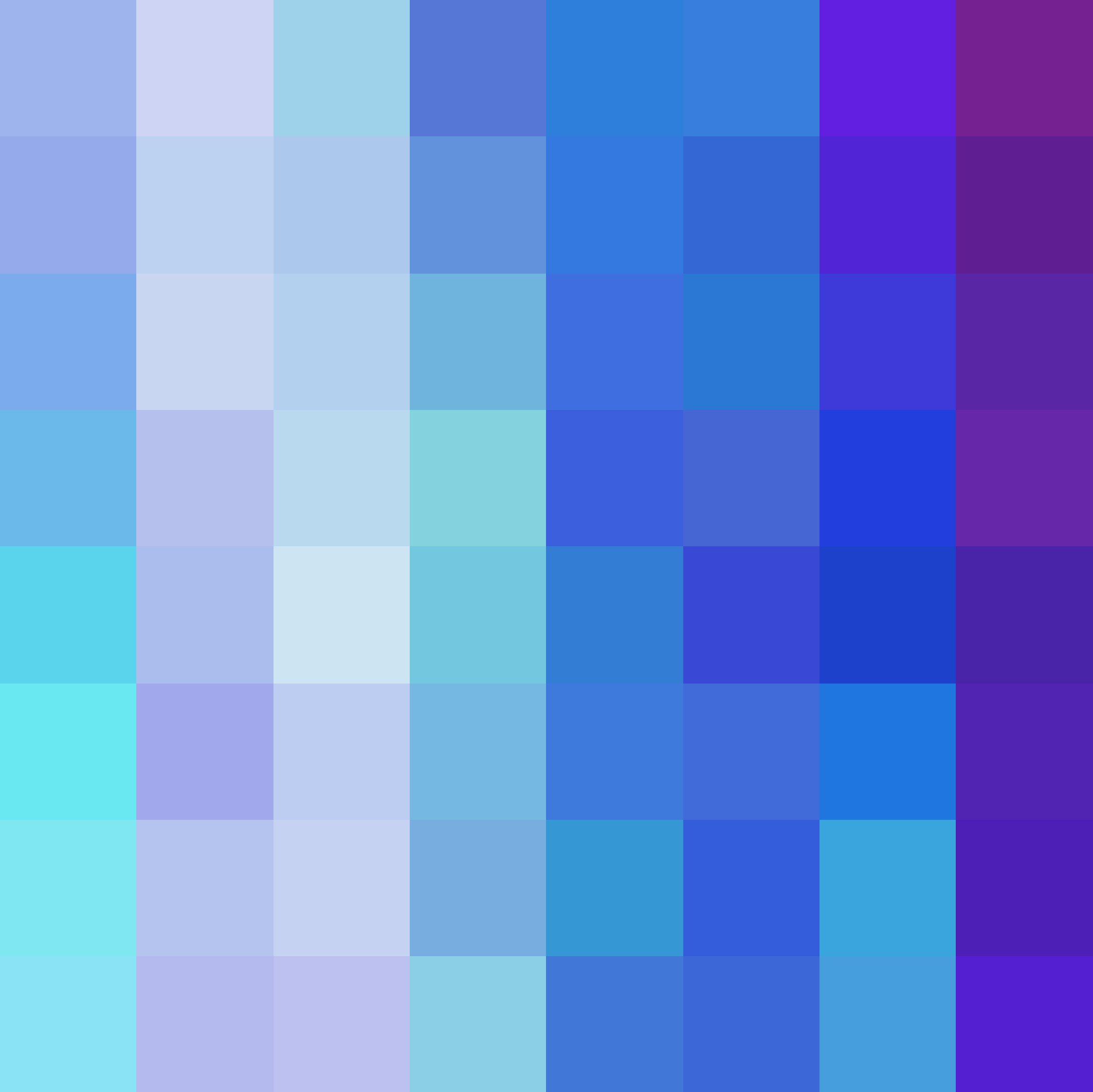
This colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly blue, and it also has a bit of cyan, a bit of indigo, a little bit of violet, and a little bit of purple in it.

The colourful gradient in this 4 by 4 pixel grid is mostly purple, and it also has some indigo, some blue, some violet, and some magenta in it.

The cells in this 14 by 14 pixel grid form a very colourful gradient. It is mostly blue, but it also has quite some indigo, quite some green, a bit of cyan, a bit of violet, a bit of purple, and a tiny bit of magenta in it.

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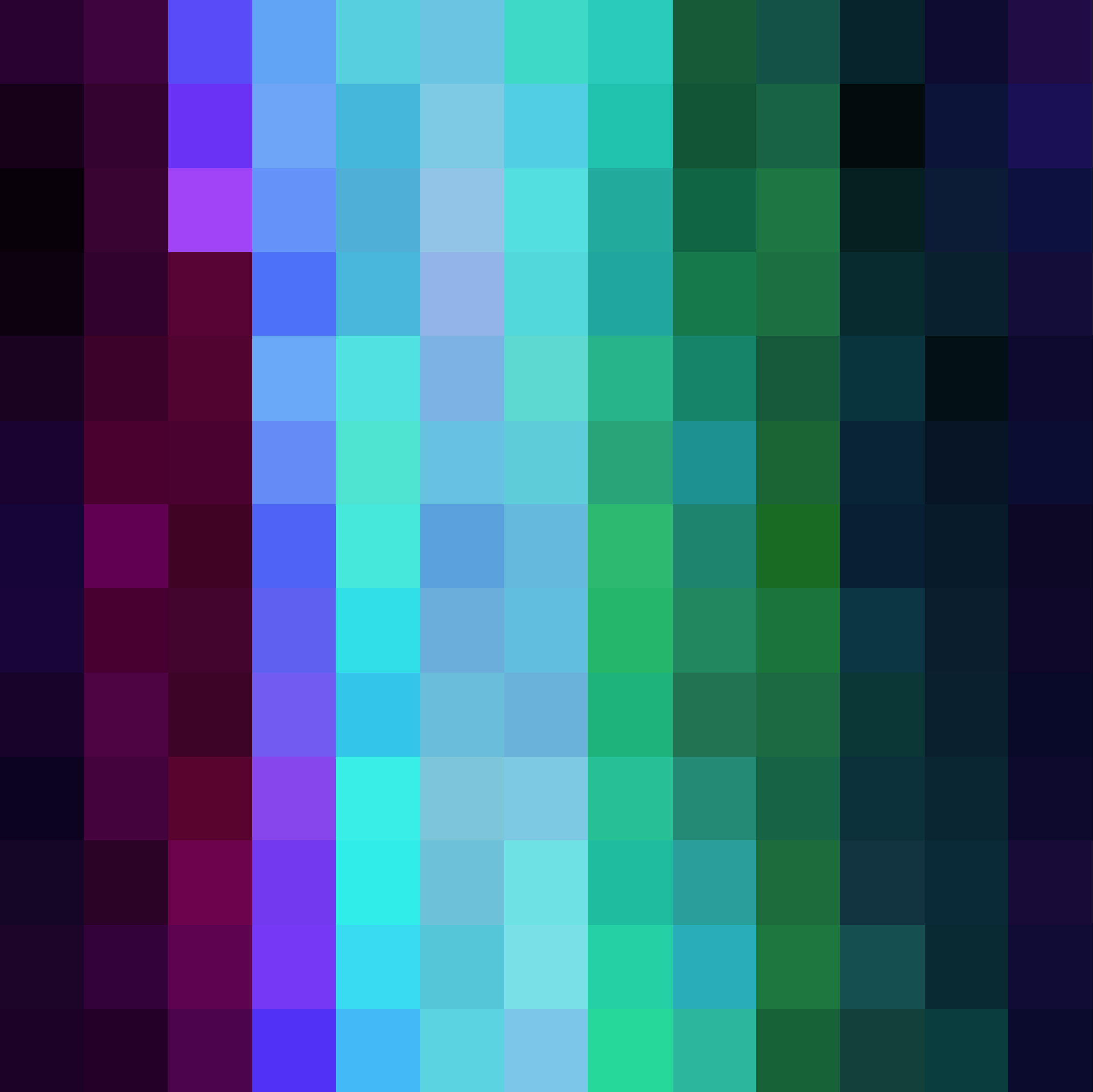
Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly cyan, but it also has quite some blue, some green, some magenta, a bit of indigo, a little bit of purple, a tiny bit of violet, and a tiny bit of rose in it.

A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has some blue, some orange, a little bit of cyan, a little bit of green, a tiny bit of indigo, and a tiny bit of yellow in it.
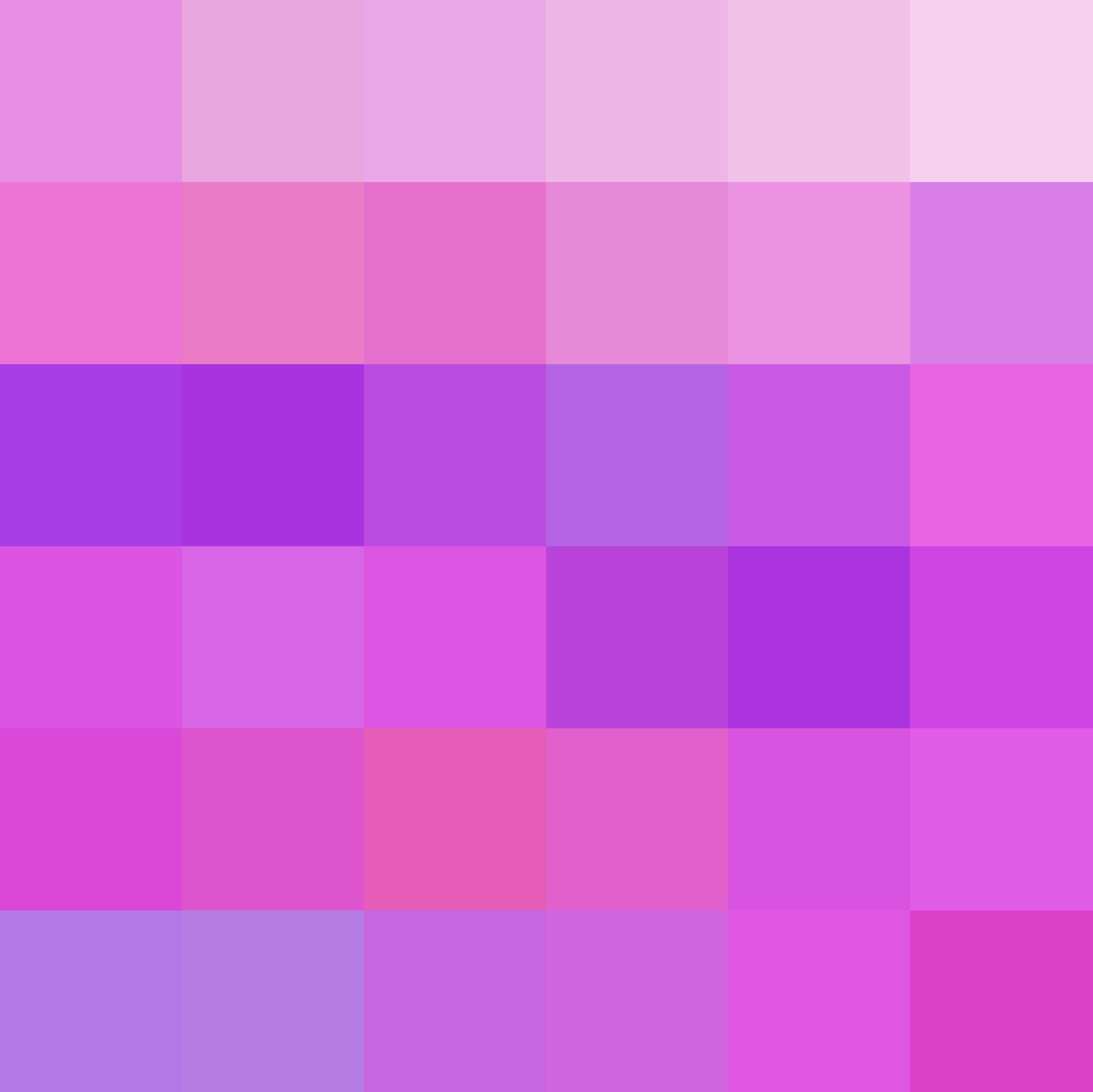
The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly magenta, but it also has quite some purple in it.

This colourful gradient, generated in this 7 by 7 pixel grid, is mostly red, but it also has quite some magenta, quite some rose, some orange, and a tiny bit of yellow in it.

This colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has quite some red, some orange, some yellow, and a little bit of lime in it.
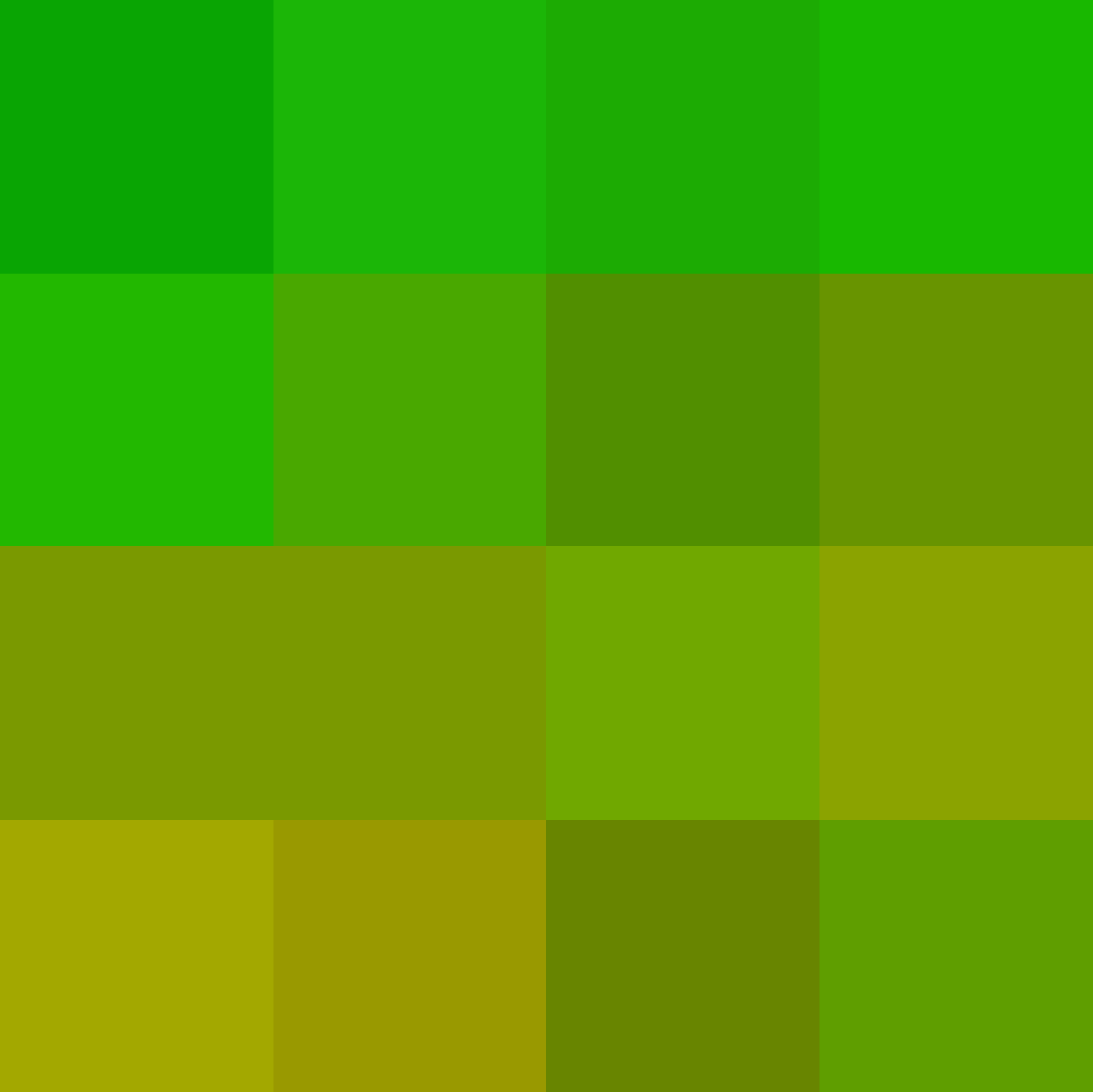
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly green, and it also has quite some lime, and some yellow in it.
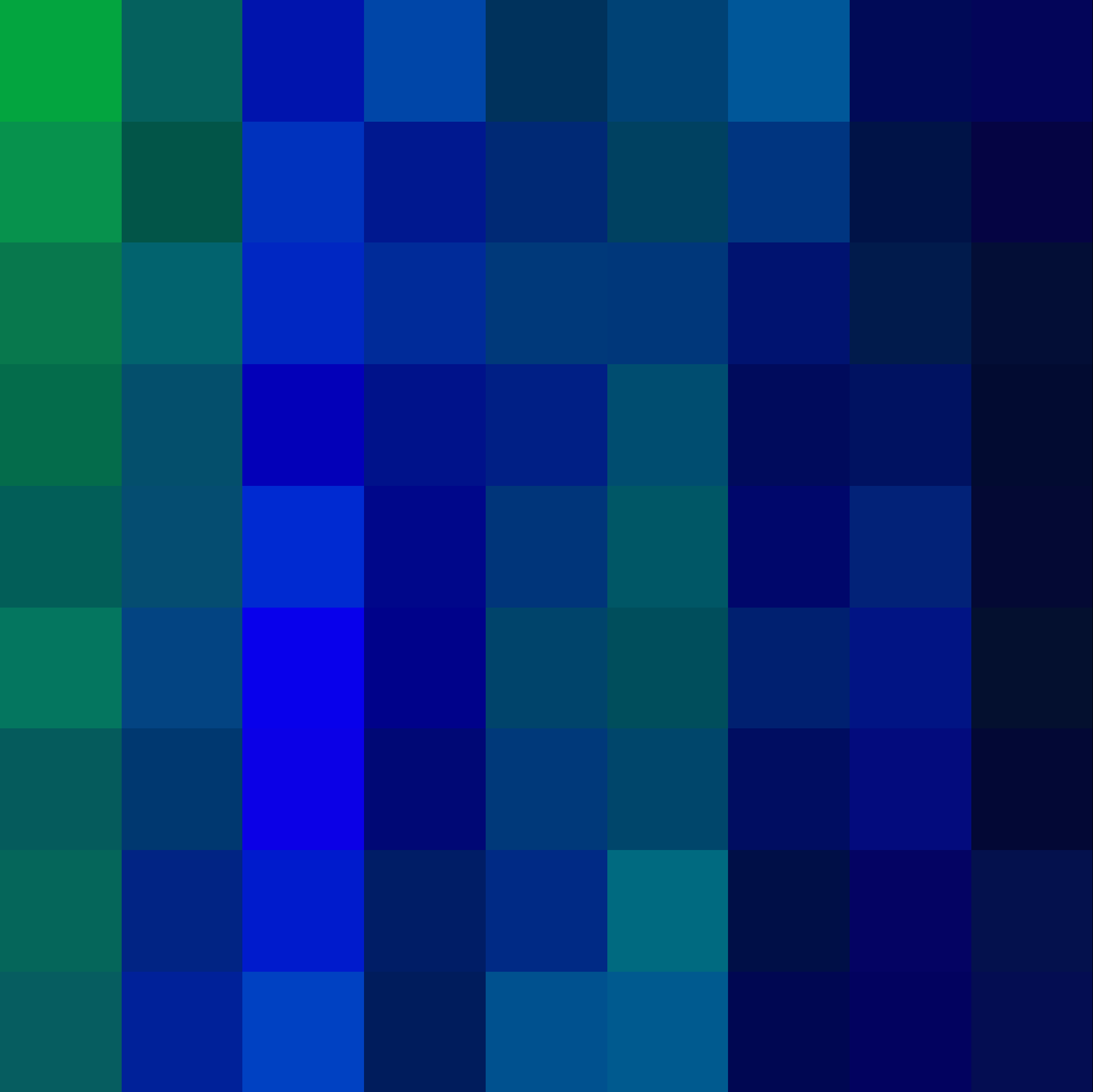
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has some cyan, a little bit of indigo, and a little bit of green in it.
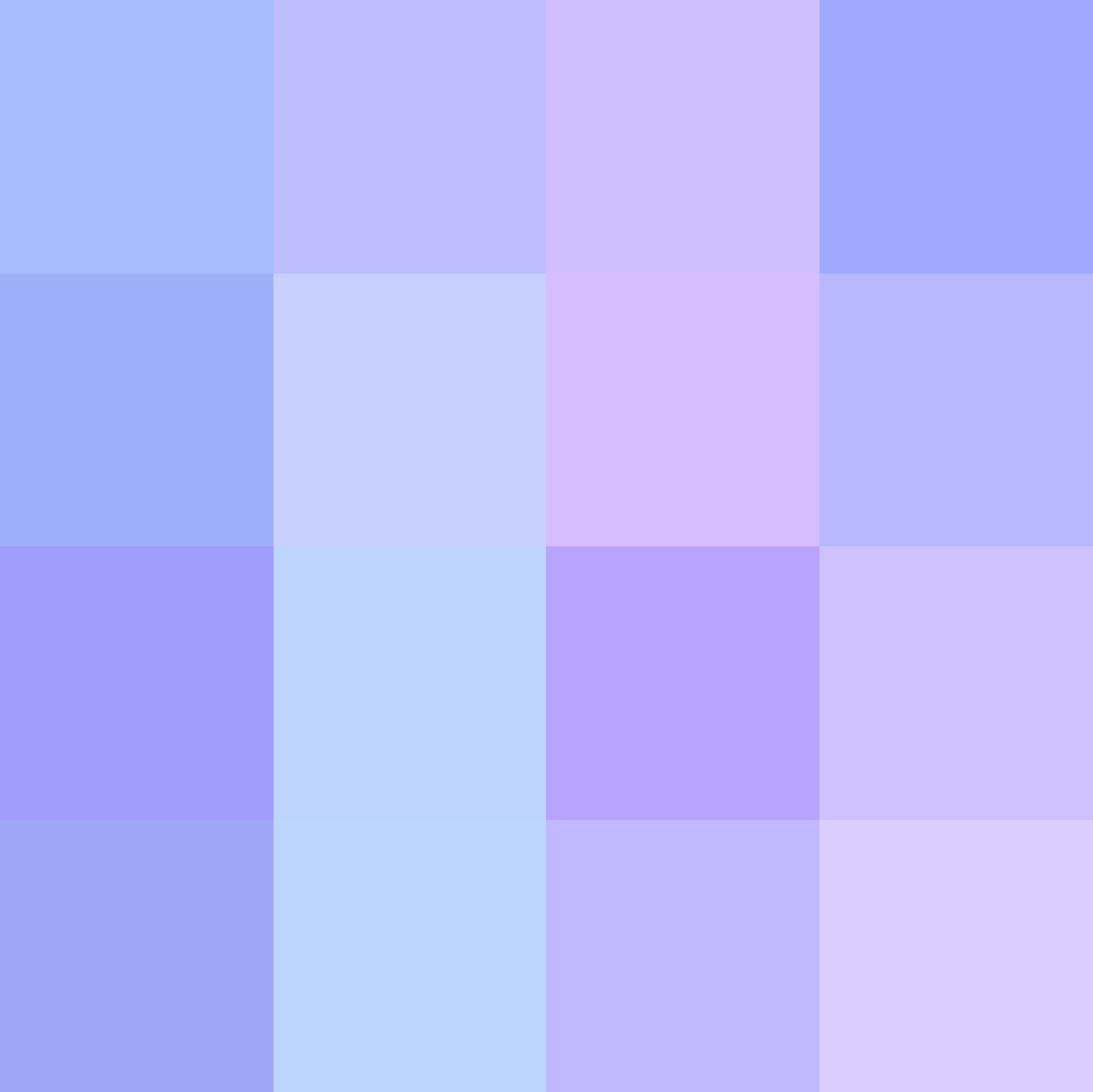
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has a lot of indigo, and a little bit of violet in it.
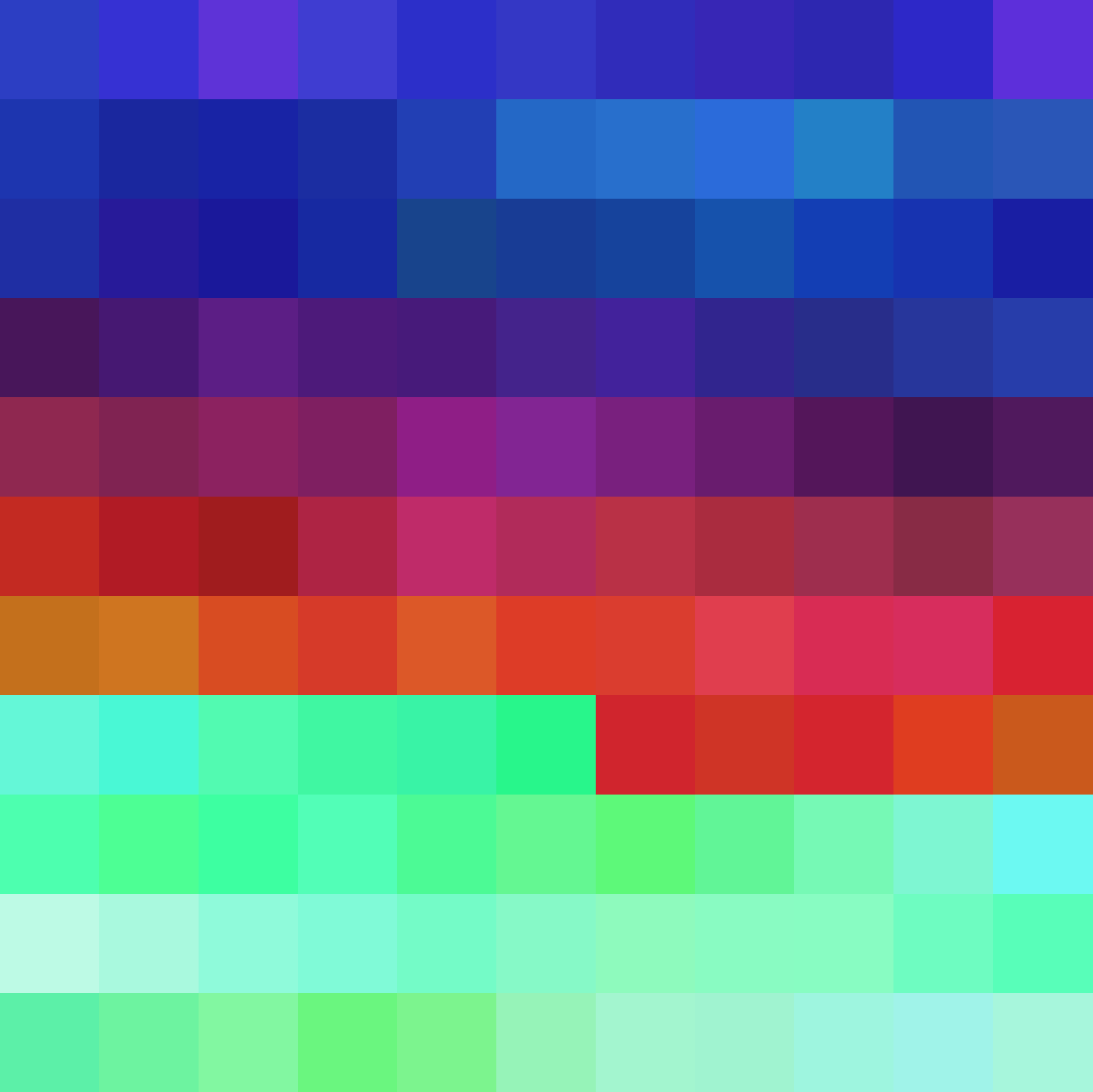
An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some blue, some red, some indigo, a bit of rose, a little bit of purple, a little bit of magenta, a little bit of cyan, a little bit of orange, and a tiny bit of violet in it.

A very, very colourful grid of 256 blocks. It's mostly red, but it also has quite some magenta, some orange, some rose, a bit of yellow, a bit of green, a little bit of lime, and a tiny bit of purple in it.

An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly purple, and it also has quite some magenta, quite some violet, some indigo, and some blue in it.

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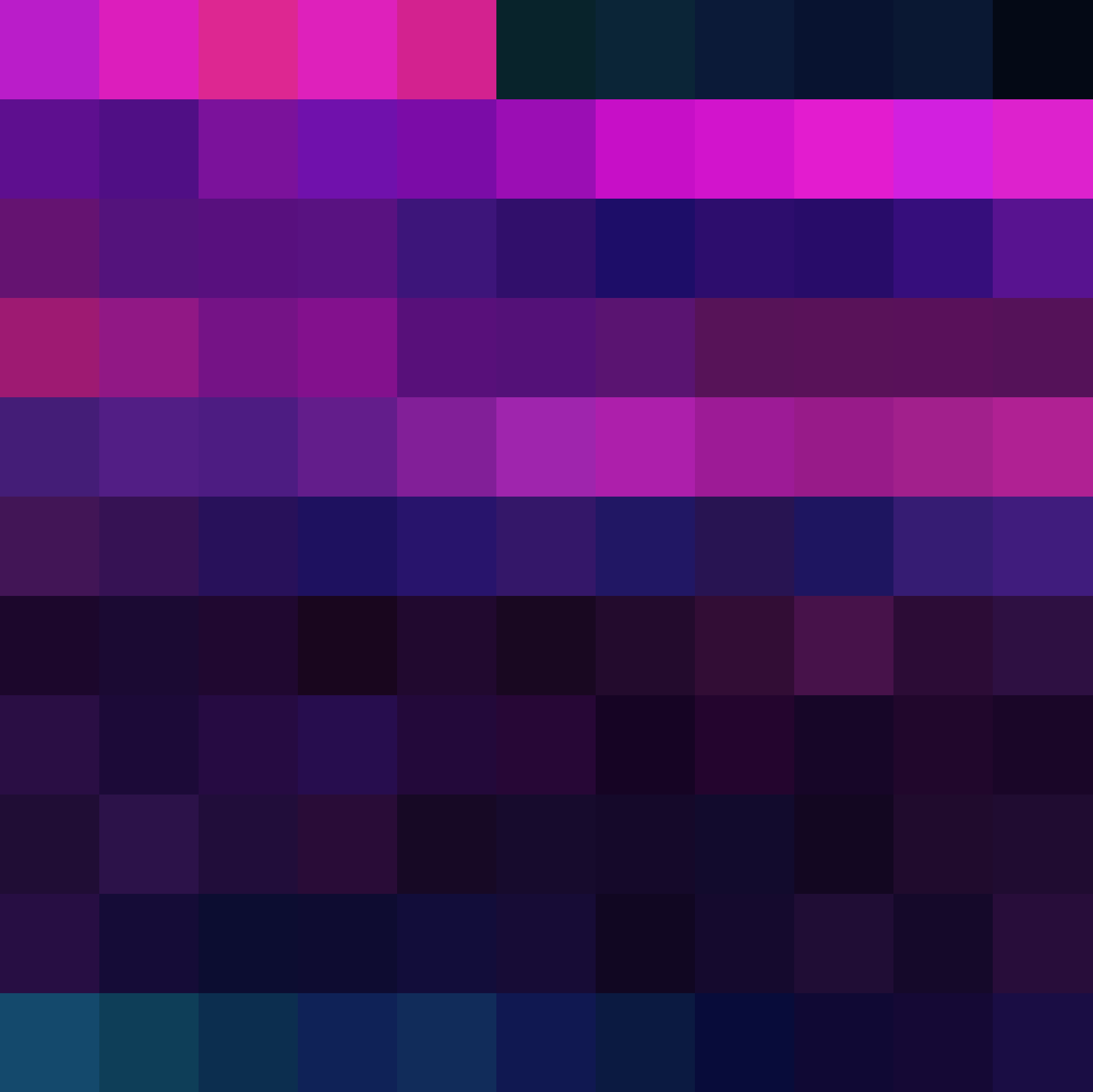
A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has a lot of cyan in it.

The gradient in this 8 by 8 pixel grid is mostly blue, but it also has a lot of cyan, a little bit of indigo, and a little bit of green in it.

Here's a 10 by 10 pixelated grid that forms a very colourful gradient. It is mostly magenta, but it also has quite some purple, quite some green, a bit of violet, a little bit of indigo, a little bit of cyan, and a tiny bit of rose in it.
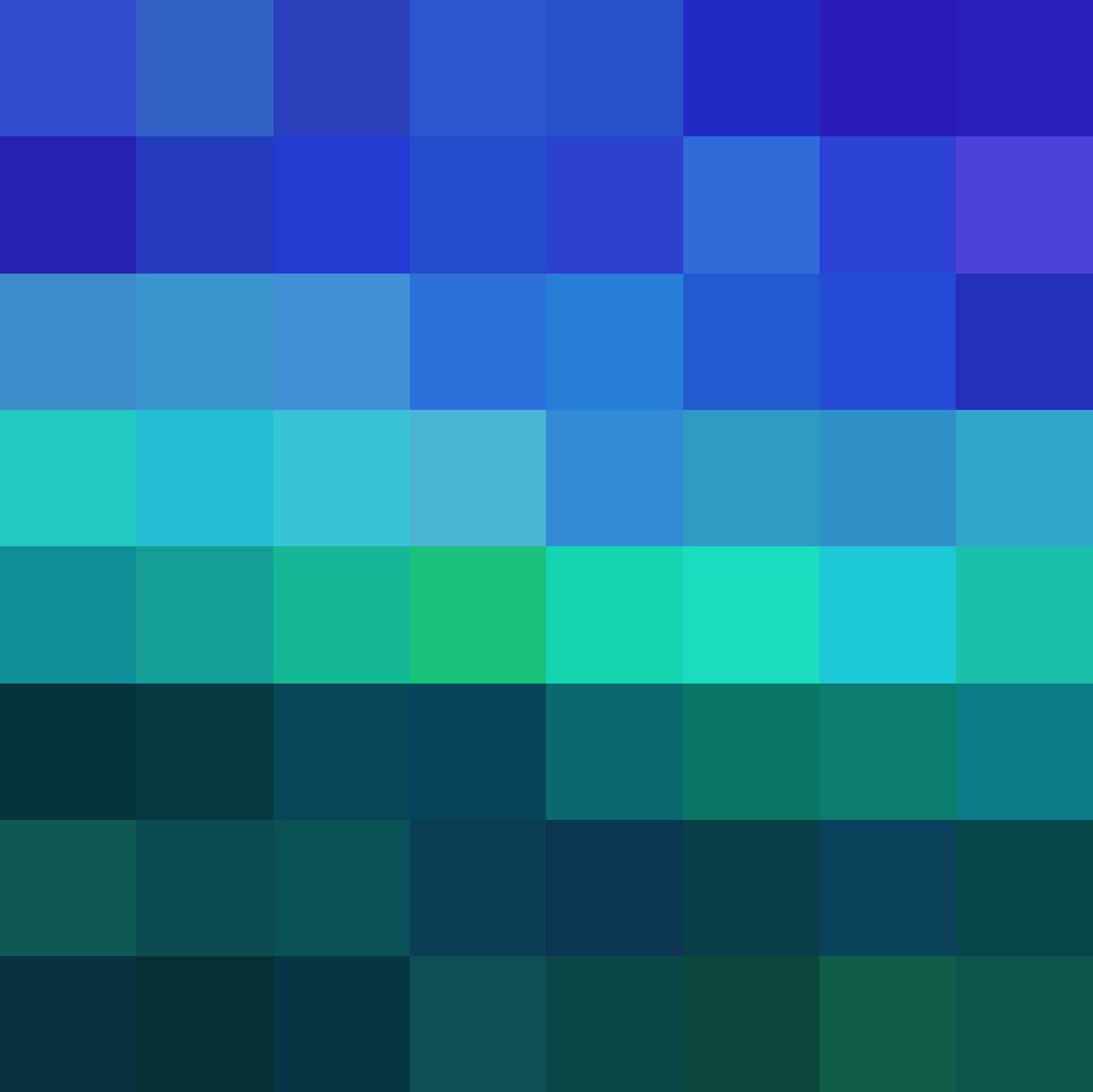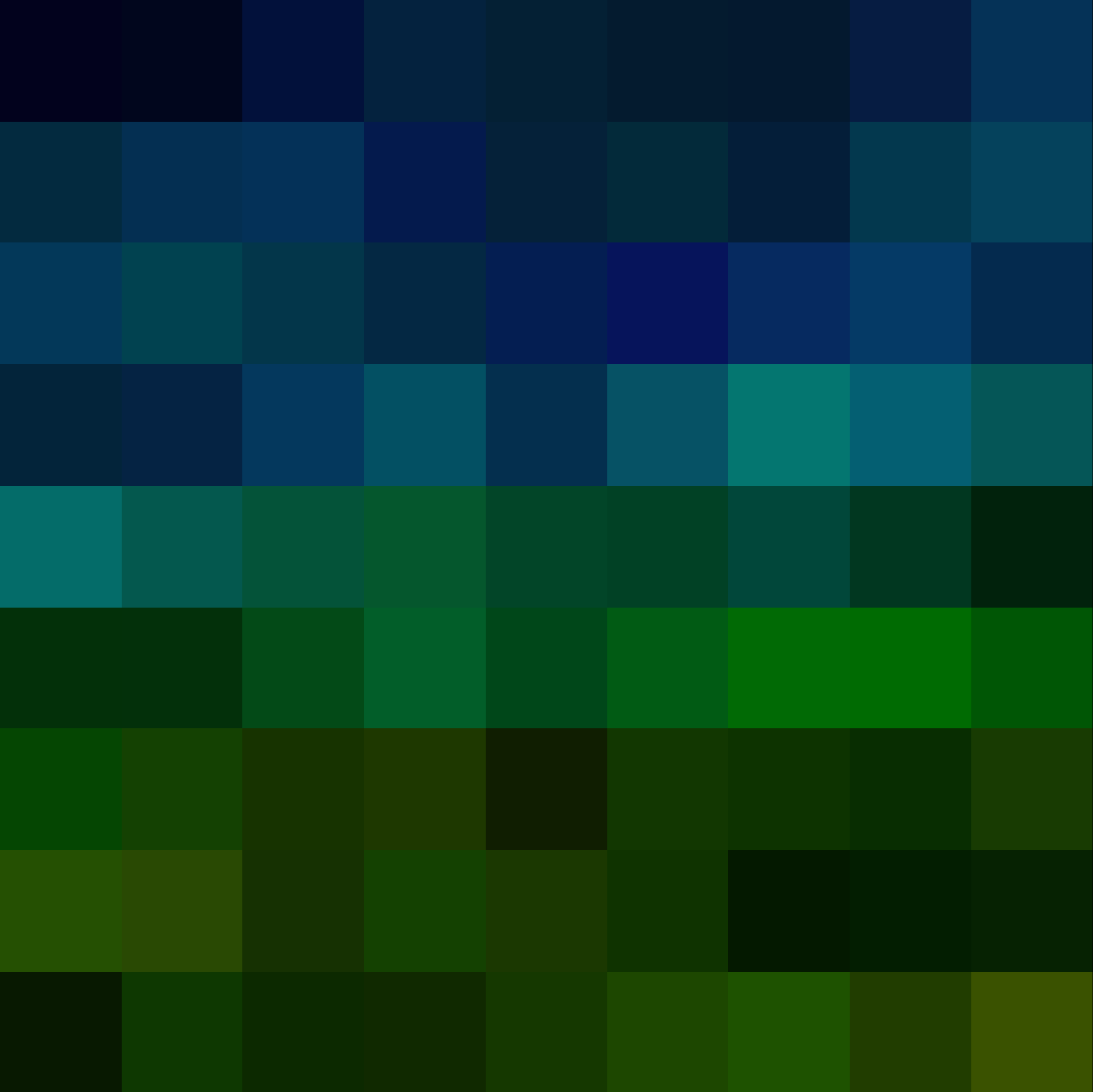
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some blue, some cyan, and a tiny bit of lime in it.
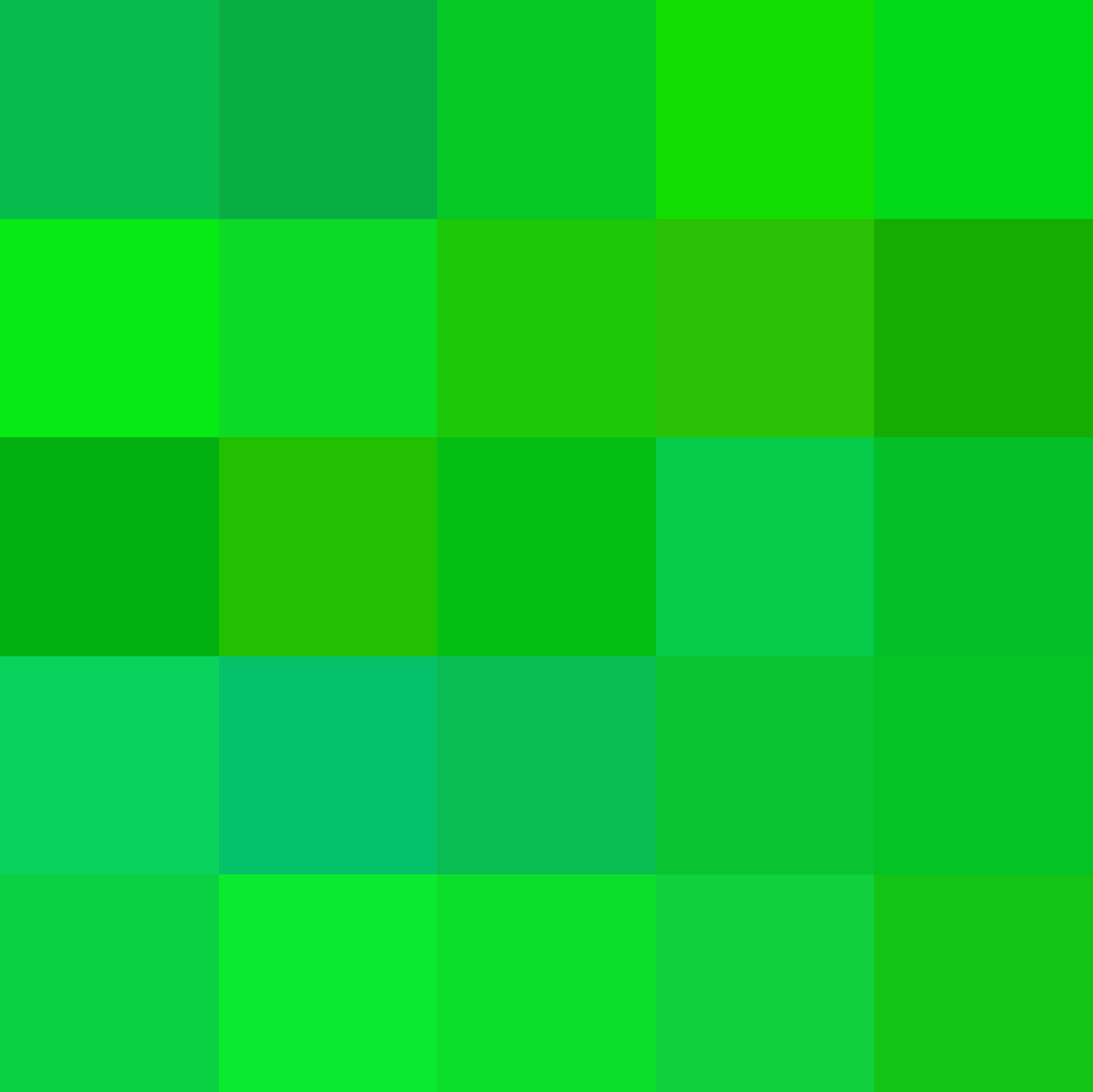
Here's a 5 by 5 pixelated grid that forms a monochrome gradient. It is green.
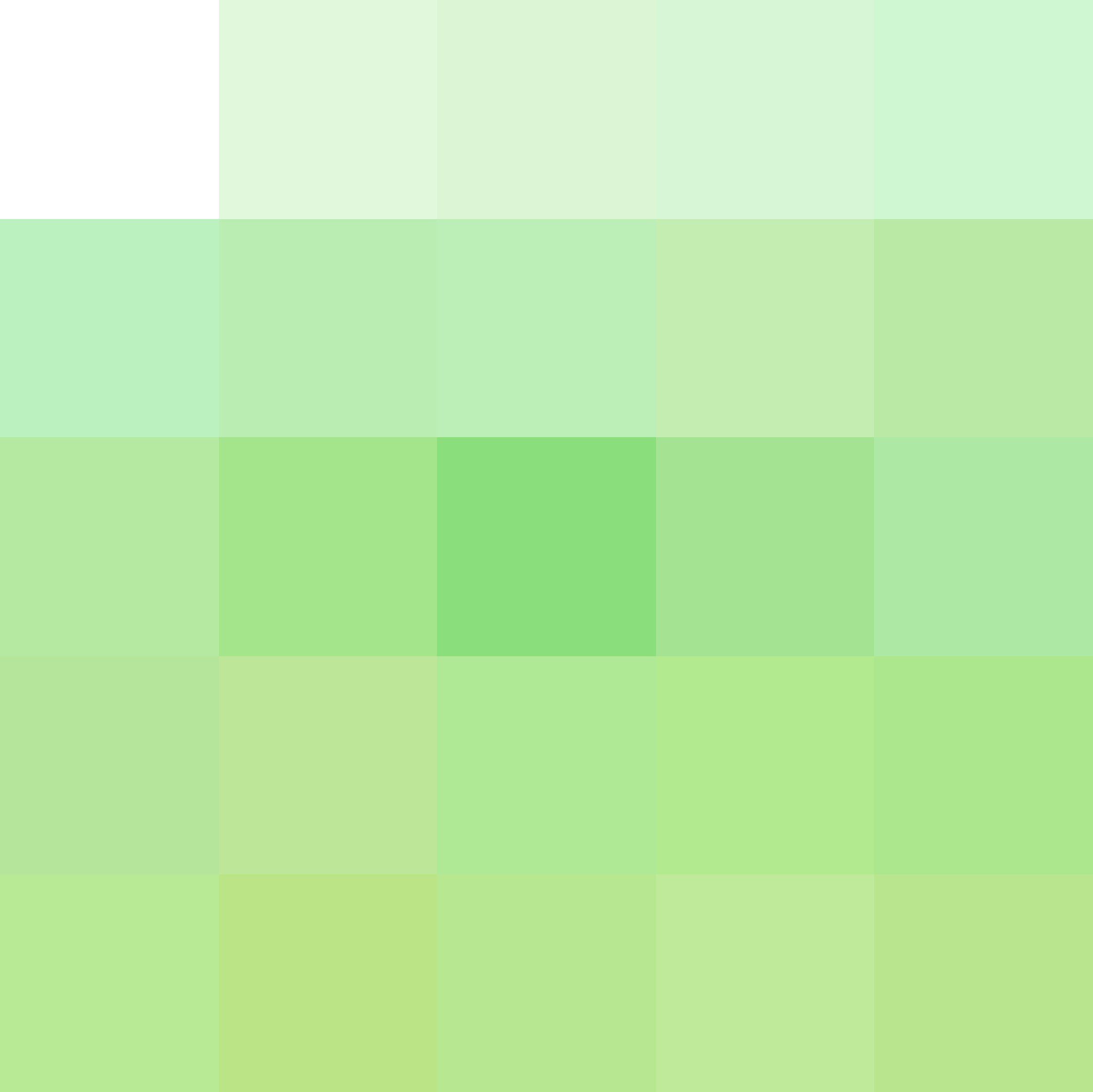
A 5 by 5 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.

The cells in this 12 by 12 pixel grid form a gradient. It is mostly green, and it also has quite some cyan, a little bit of blue, and a tiny bit of lime in it.

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

An 8 by 8 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly rose, and it also has quite some red, some magenta, a bit of indigo, a little bit of blue, a little bit of purple, and a tiny bit of violet in it.
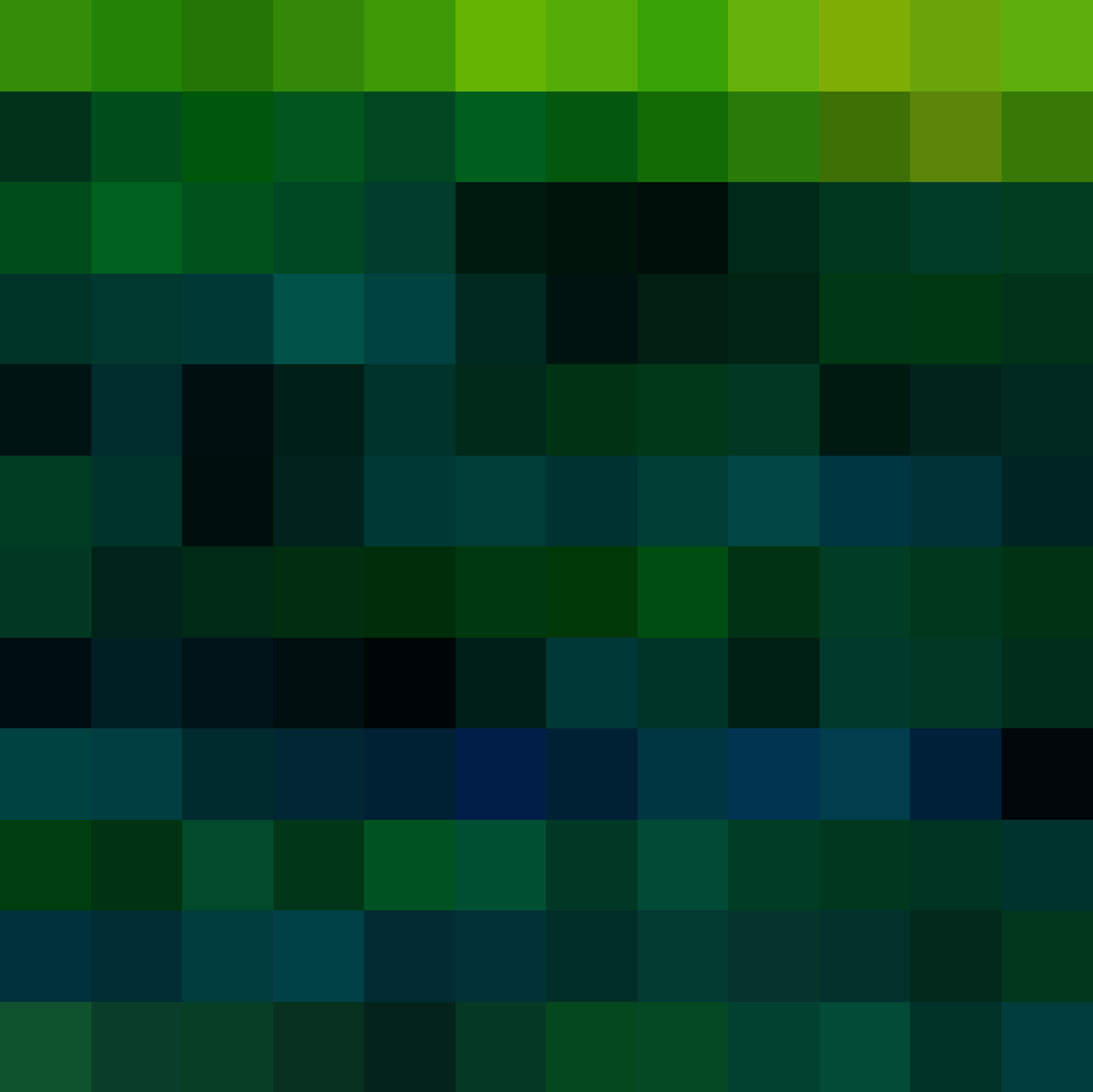
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly cyan, and it also has quite some blue, and quite some green in it.

This colourful gradient, generated in this 9 by 9 pixel grid, is mostly purple, but it also has quite some magenta, some violet, a little bit of indigo, and a tiny bit of rose in it.

Here's a 6 by 6 pixelated grid that forms a colourful gradient. It is mostly red, and it also has some yellow, some orange, a little bit of lime, and a little bit of green in it.
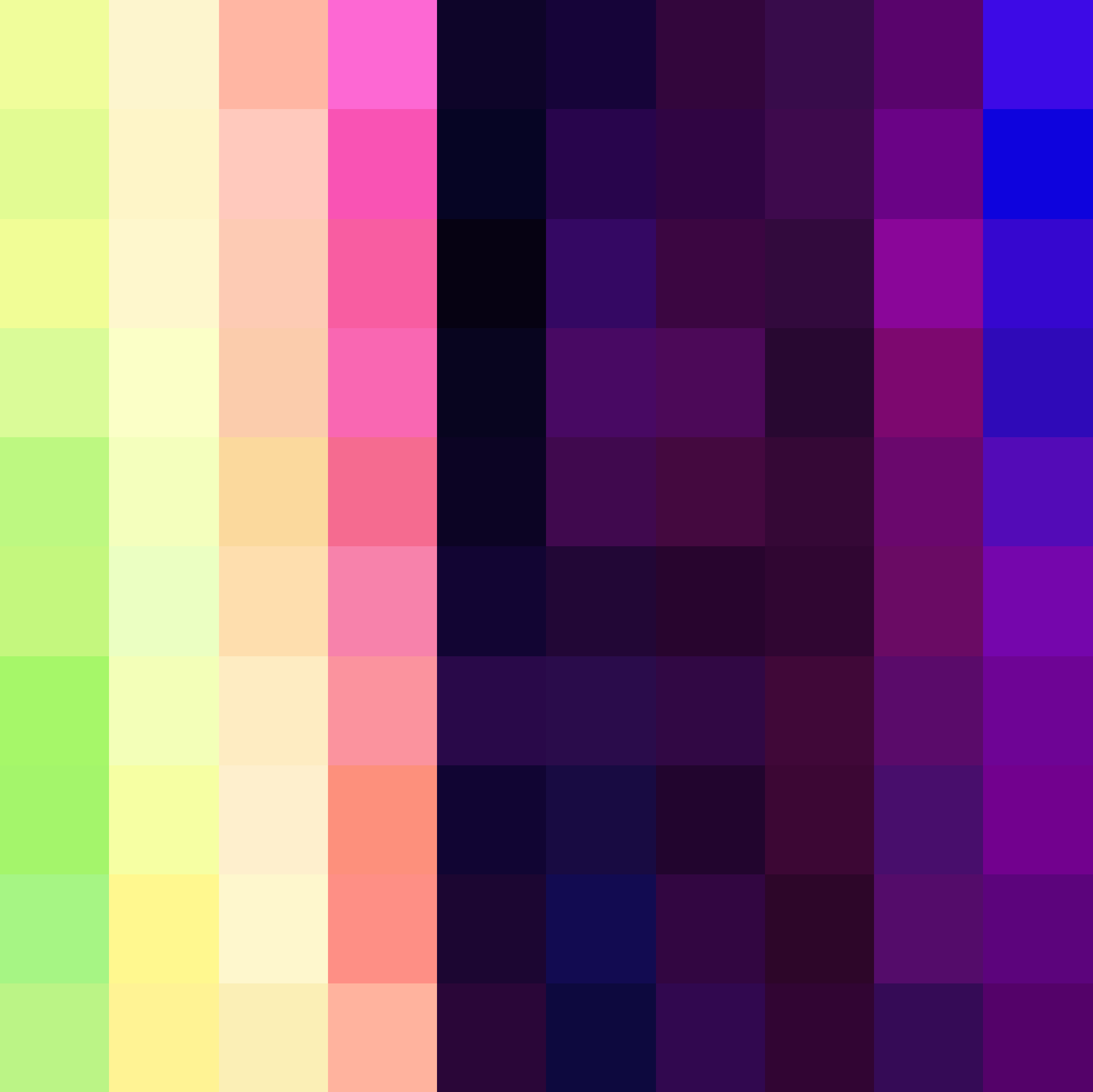
There's a very, very colourful pixel gradient in this 10 by 10 grid. It is mostly purple, and it also has some indigo, some yellow, some red, some magenta, a bit of green, a little bit of orange, a little bit of violet, and a tiny bit of lime in it.

A grid of 49 blocks. It's mostly green, and it also has quite some yellow, and some lime in it.

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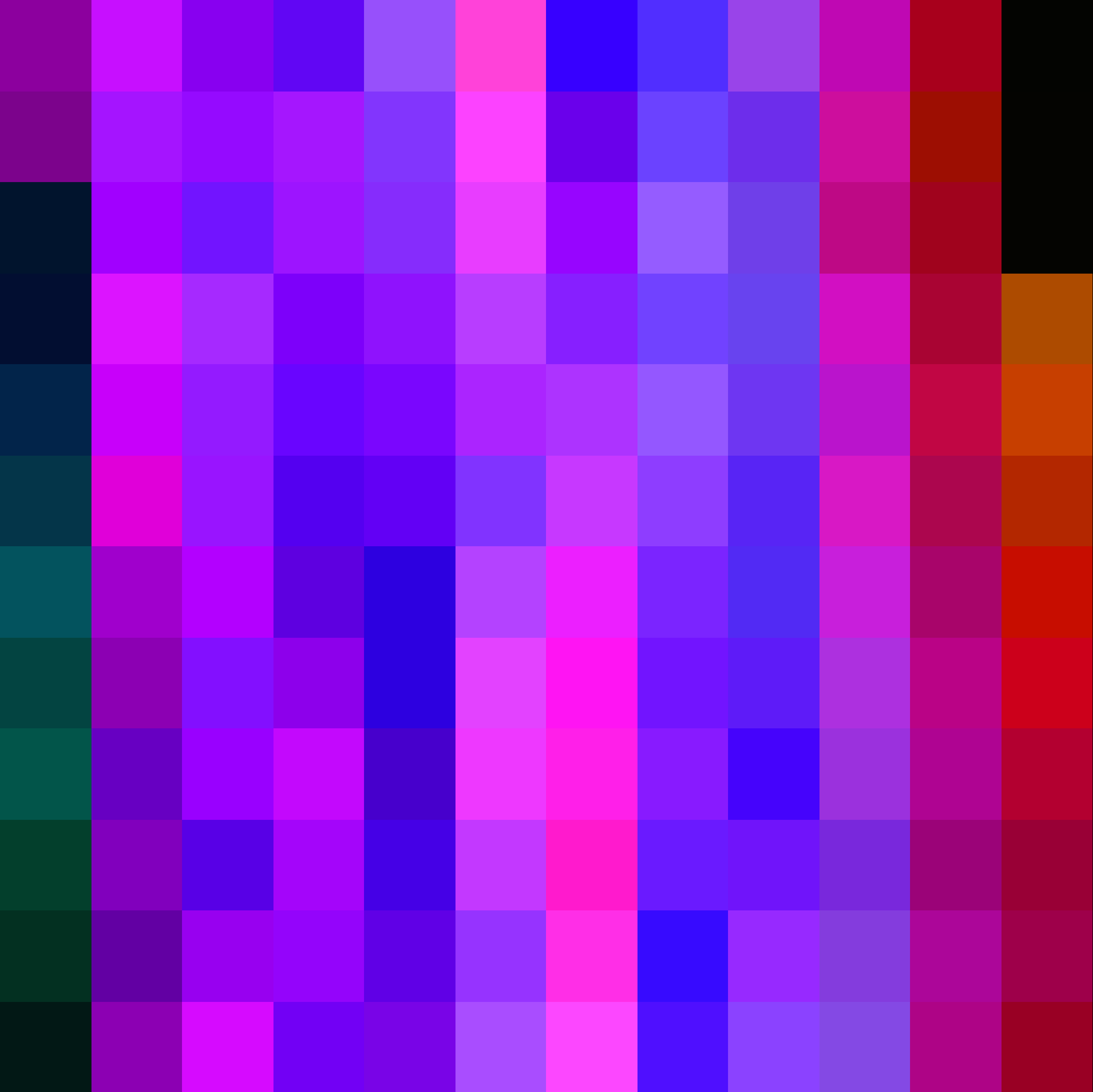
This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly purple, and it also has quite some violet, some magenta, some indigo, a little bit of red, a little bit of rose, a little bit of cyan, a little bit of blue, a tiny bit of green, a tiny bit of orange, a tiny bit of yellow,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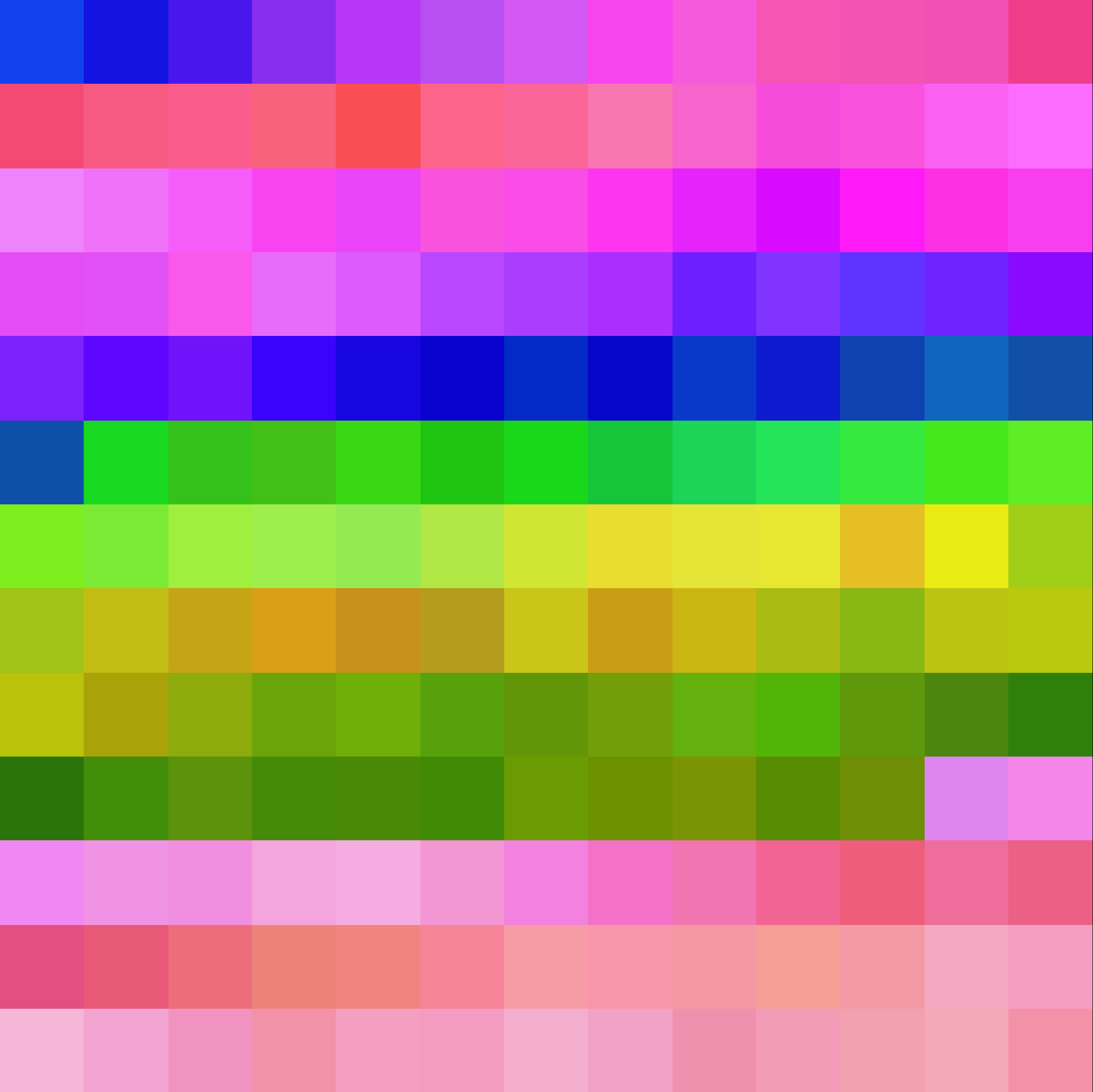
This very, very colourful gradient, generated in this 13 by 13 pixel grid, is mostly magenta, but it also has quite some green, some red, some rose, a bit of yellow, a little bit of blue, a little bit of purple, a little bit of lime, a little bit of indigo, a little bit of violet, and a tiny bit of orange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

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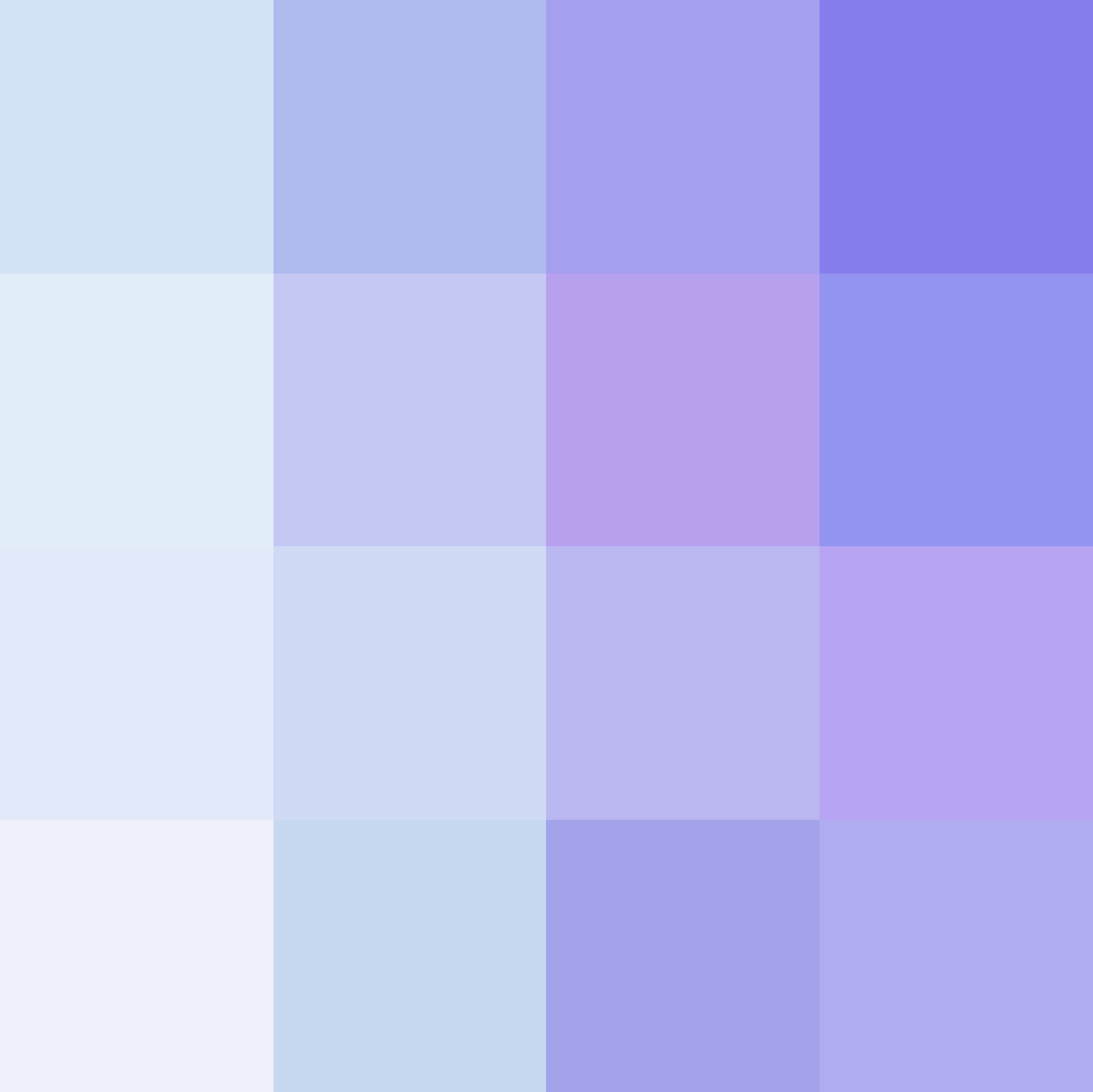
A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has quite some indigo in it.

There's a pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some yellow, and some lime in it.

This gradient, generated in this 6 by 6 pixel grid, is mostly orange, but it also has some green, some yellow, and a little bit of lime in it.

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

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

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

This gradient, generated in this 7 by 7 pixel grid, is mostly green, and it also has quite some orange, and some red in it.
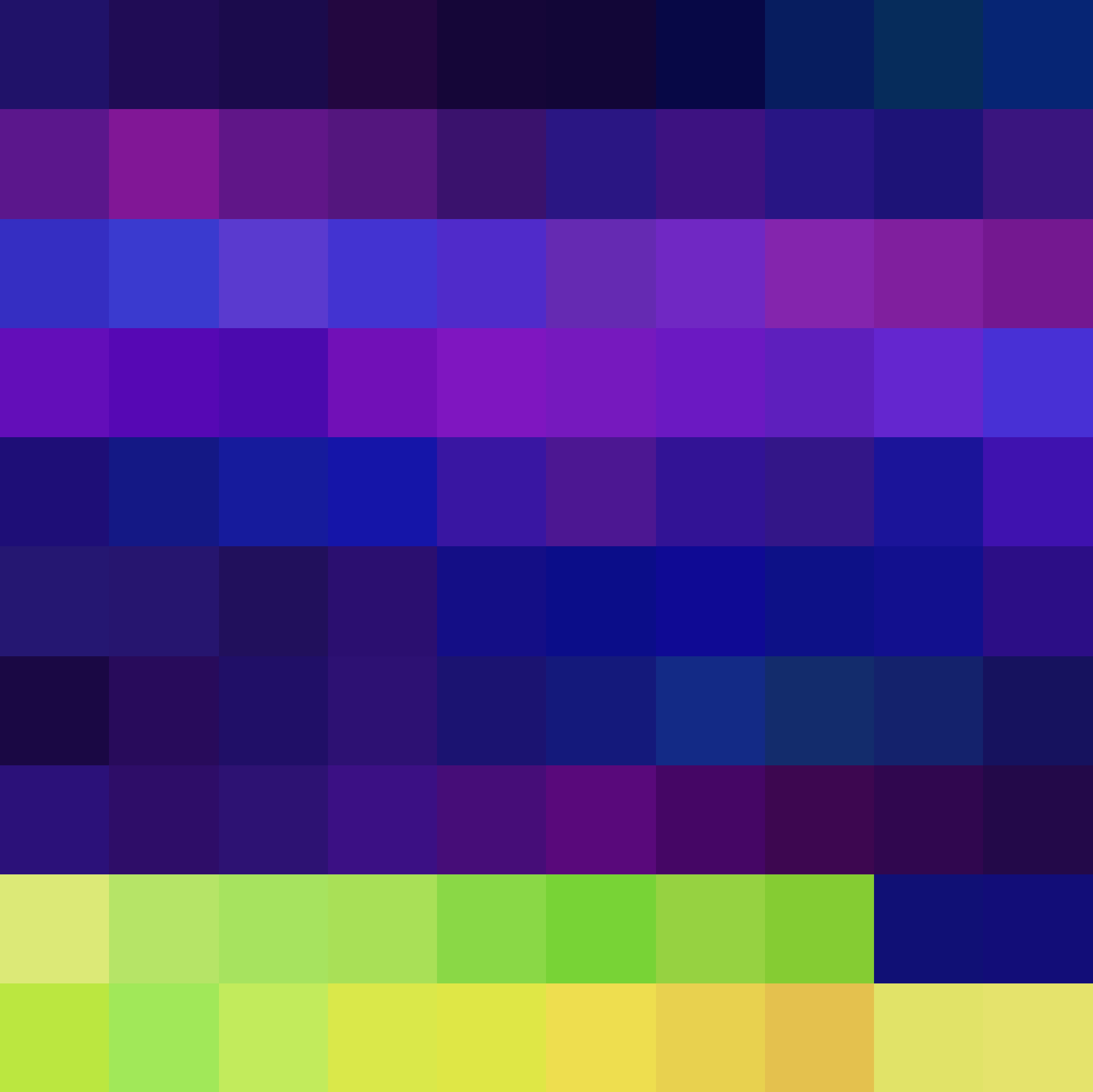
A very colourful grid of 100 blocks. It's mostly indigo, but it also has some violet, some blue, some purple, a bit of green, a bit of yellow, and a tiny bit of lime in it.

The colourful gradient in this 7 by 7 pixel grid is mostly blue, but it also has some green, a bit of purple, a little bit of indigo, and a little bit of violet in it.
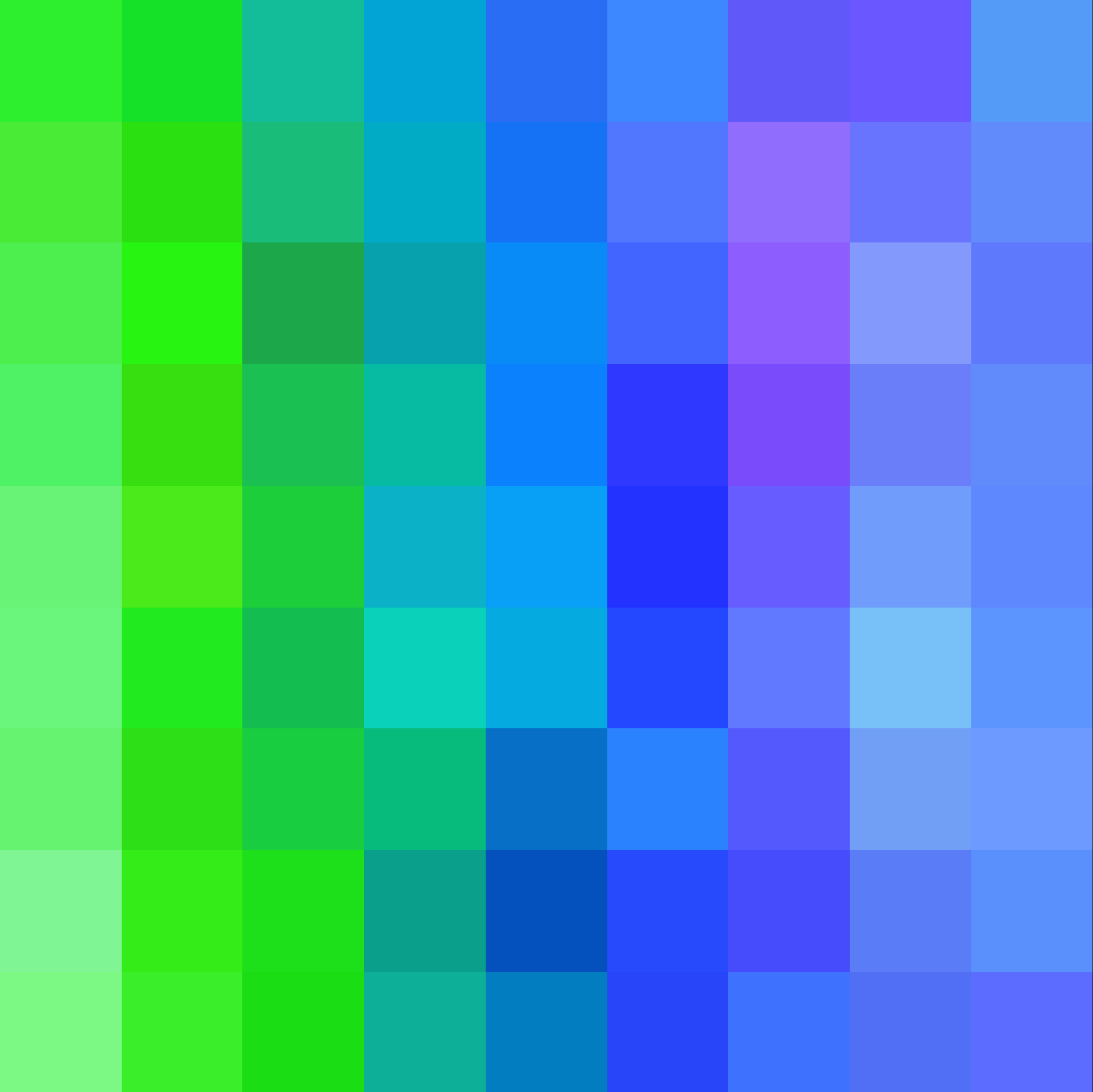
There's a pixel gradient in this 9 by 9 grid. It is mostly blue, but it also has quite some green, a bit of cyan, and a bit of indigo in it.

A grid with 36 coloured squares that form a colourful gradient. The colours are various shades of mostly rose, but it also has quite some purple, quite some red, some magenta, and a little bit of violet in it.

There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly orange, and it also has quite some yellow, a bit of rose, a little bit of red, a little bit of magenta, a little bit of lime, and a little bit of green in it.

There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly blue, but it also has quite some purple, quite some green, some magenta, a bit of indigo, and a little bit of violet in it.

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly red, but it also has quite some blue, a little bit of indigo, and a little bit of violet in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, but it also has a bit of lime, and a tiny bit of yellow in it.
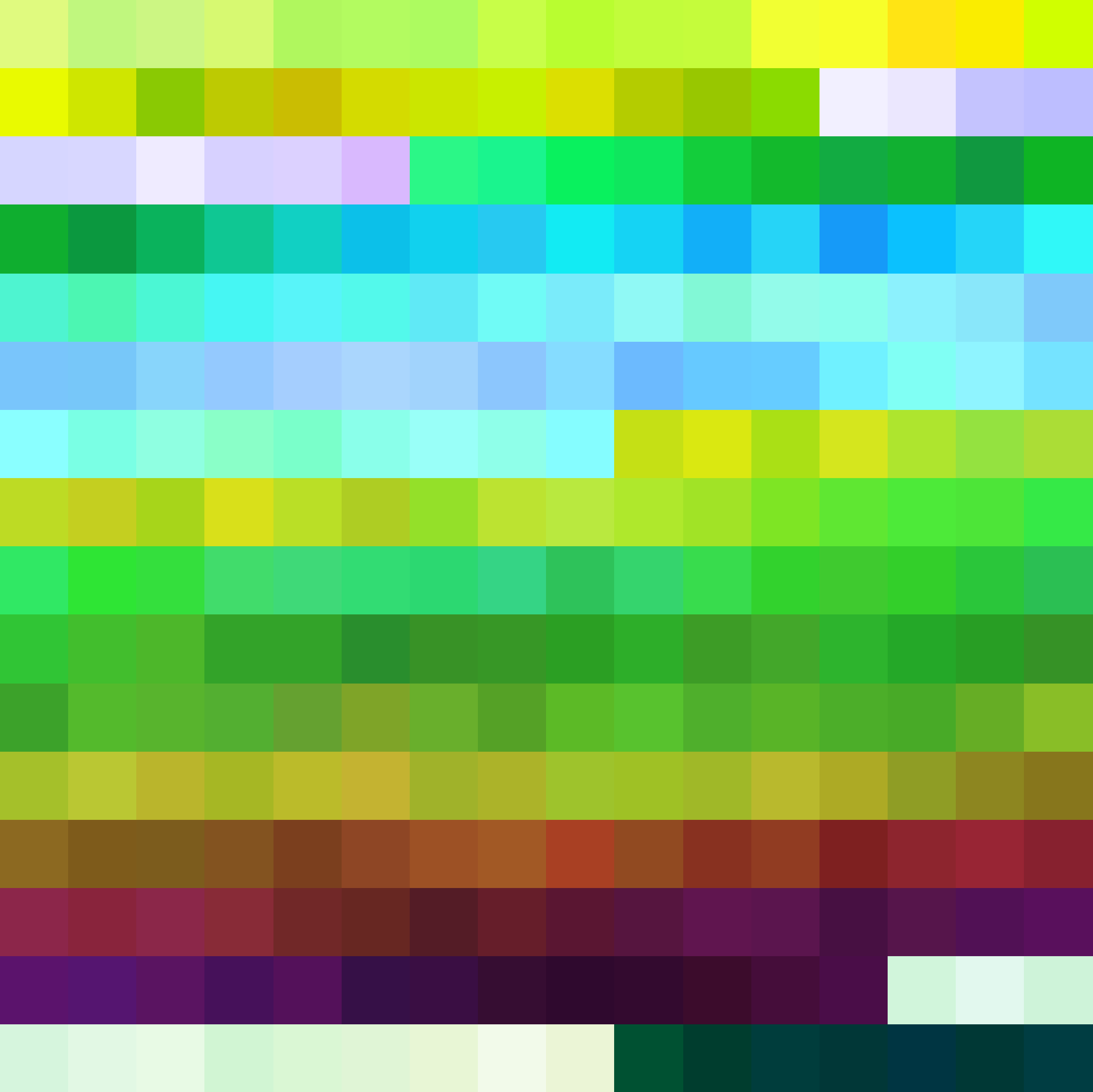
The cells in this 8 by 8 pixel grid form a gradient. It is mostly green, and it also has quite some lime, quite some yellow, and a little bit of orange in it.
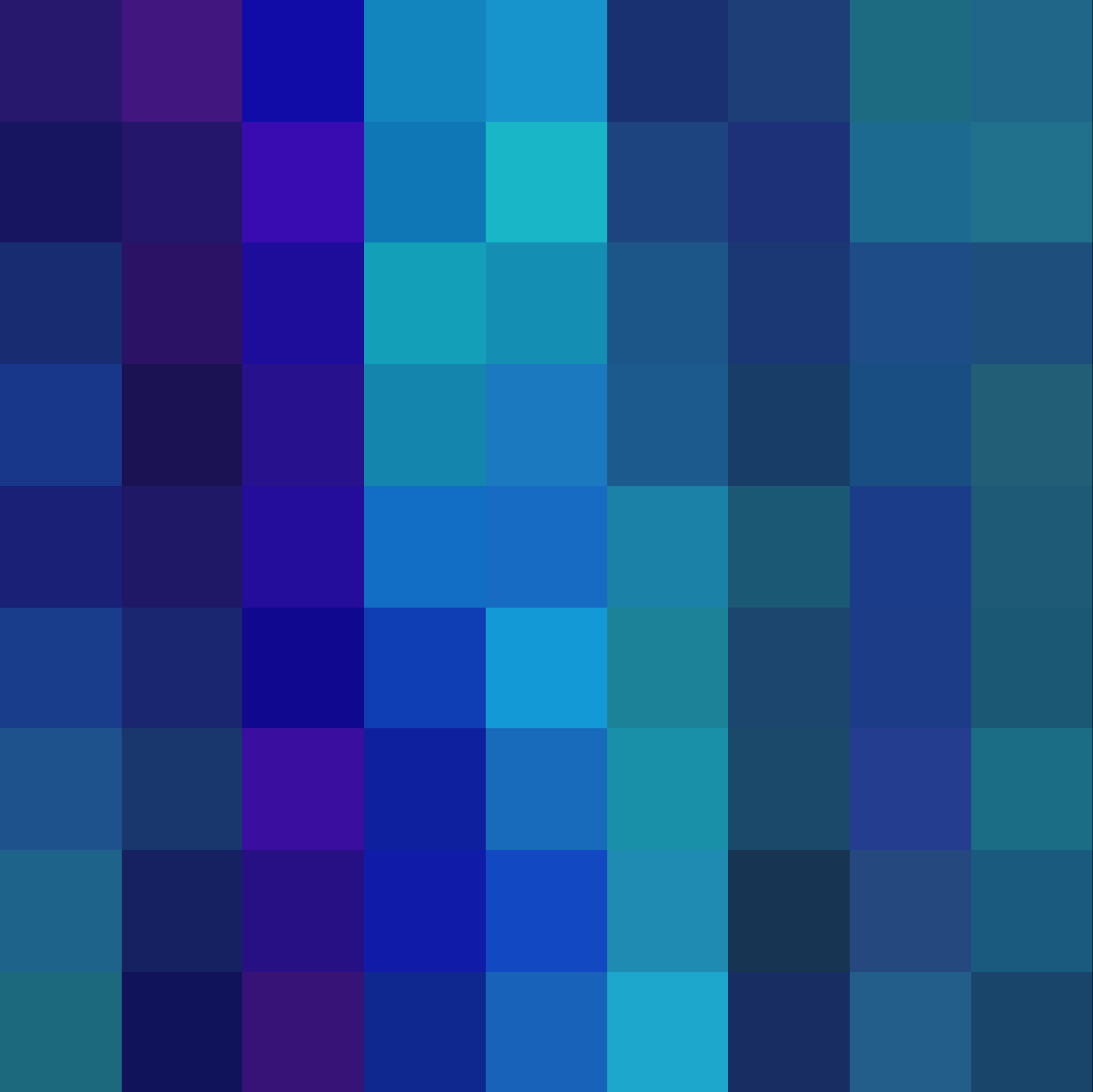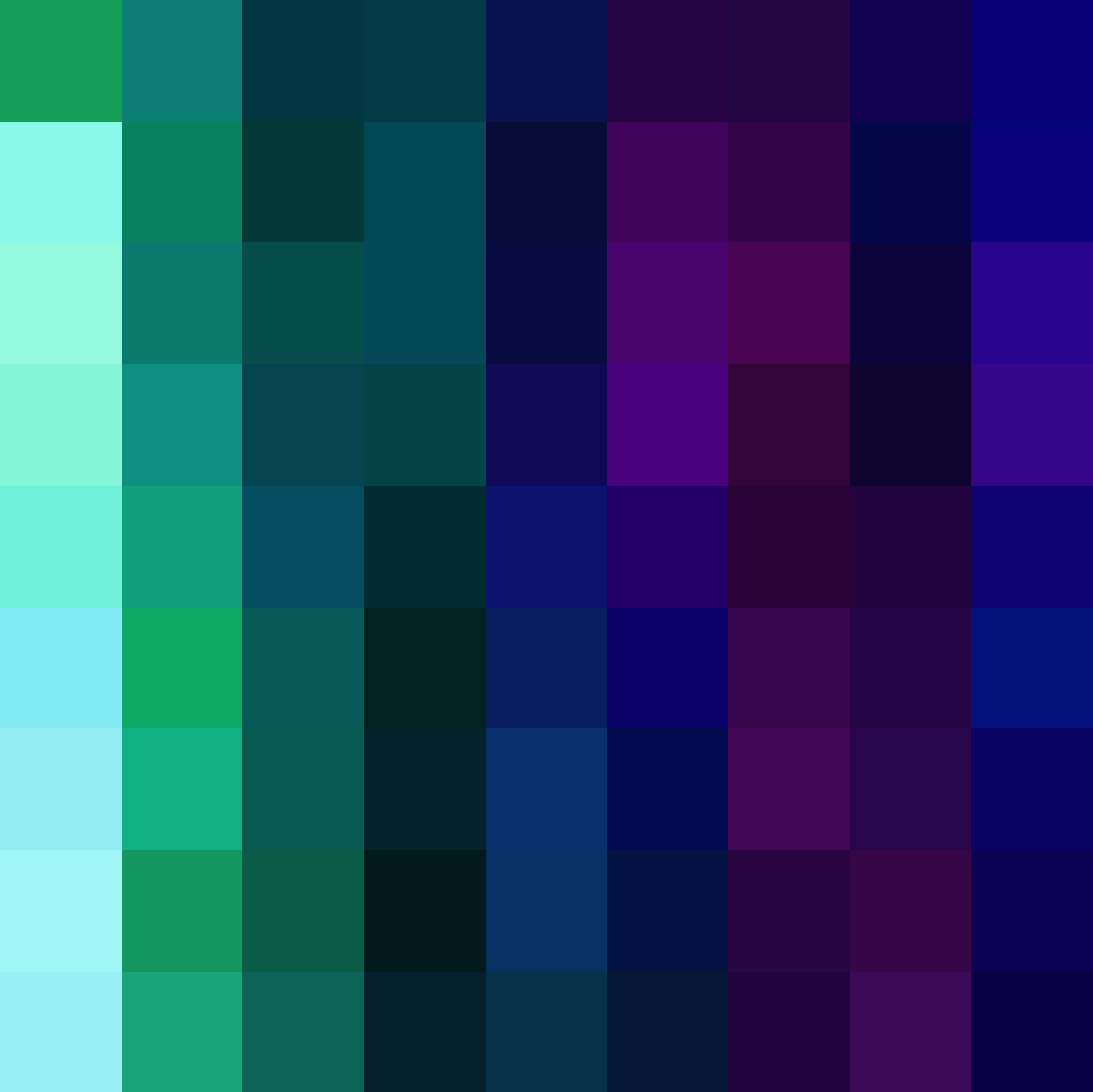
There's a pixel gradient in this 9 by 9 grid. It is mostly blue, and it also has some indigo, a bit of cyan, and a tiny bit of violet in it.
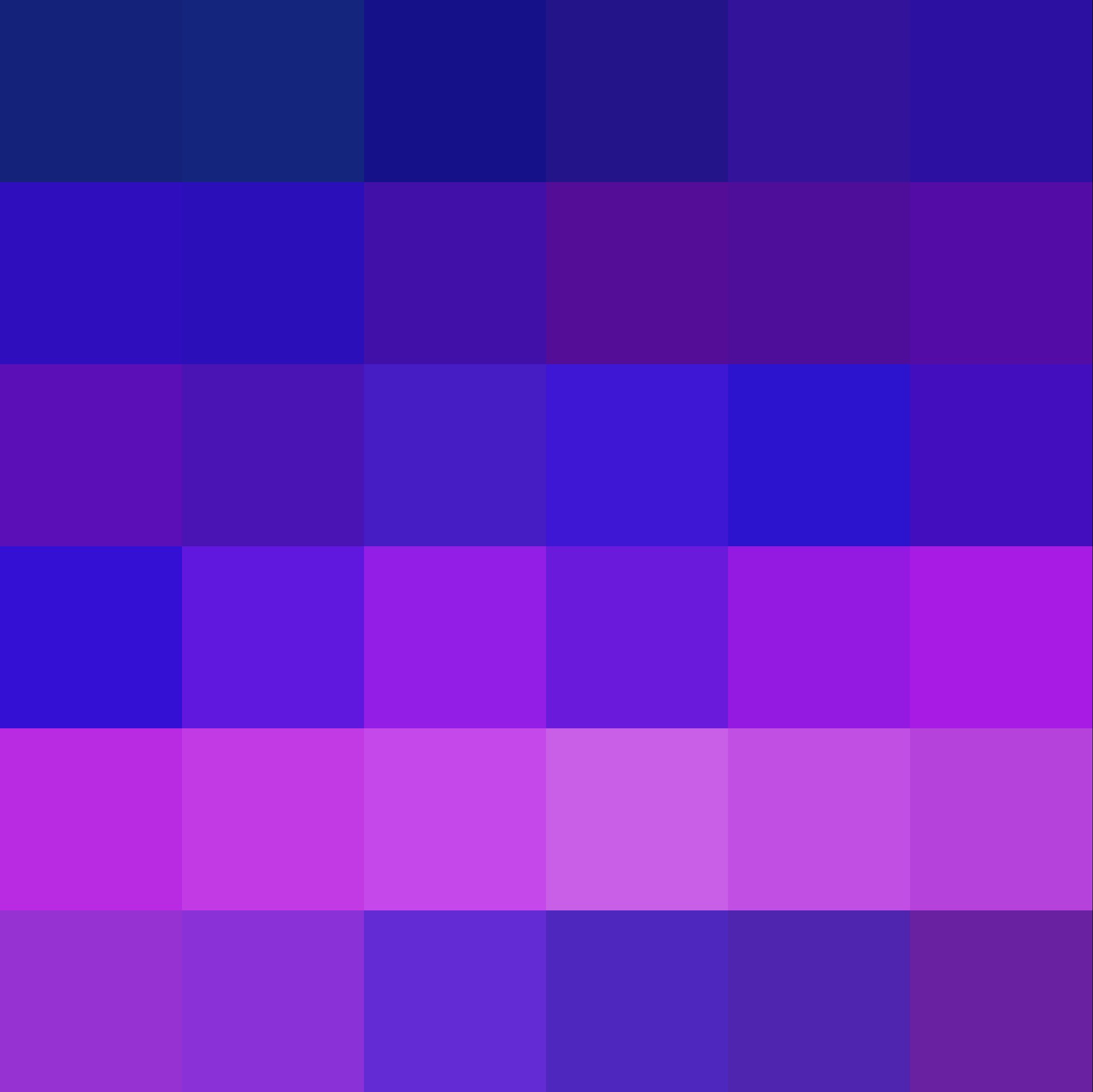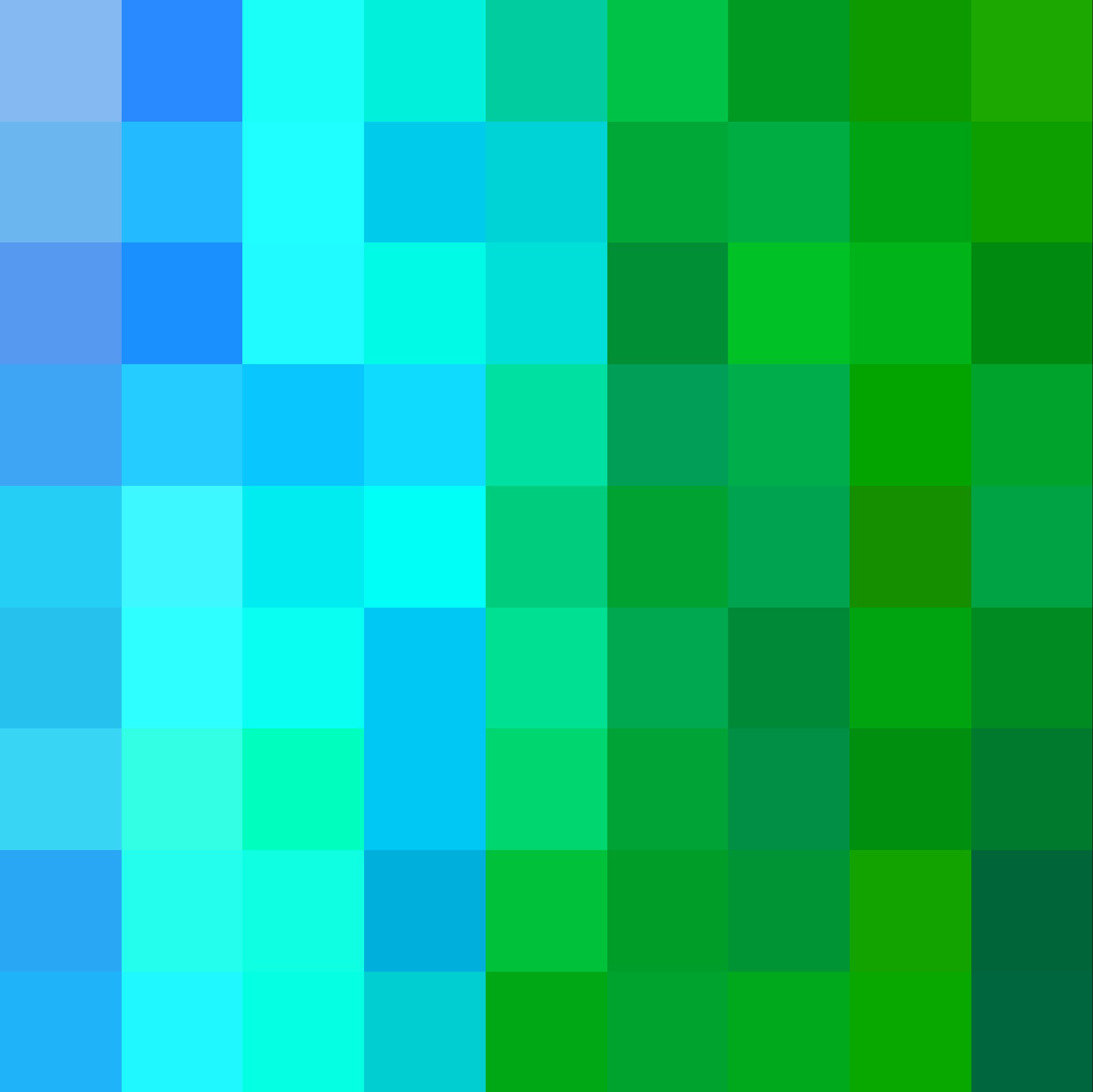
There's a pixel gradient in this 6 by 6 grid. It is mostly indigo, but it also has quite some purple, some violet, and a little bit of blue in it.

A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some cyan, some red, some yellow, a bit of lime, a bit of blue, a little bit of orange, a little bit of indigo, and a tiny bit of violet in it.
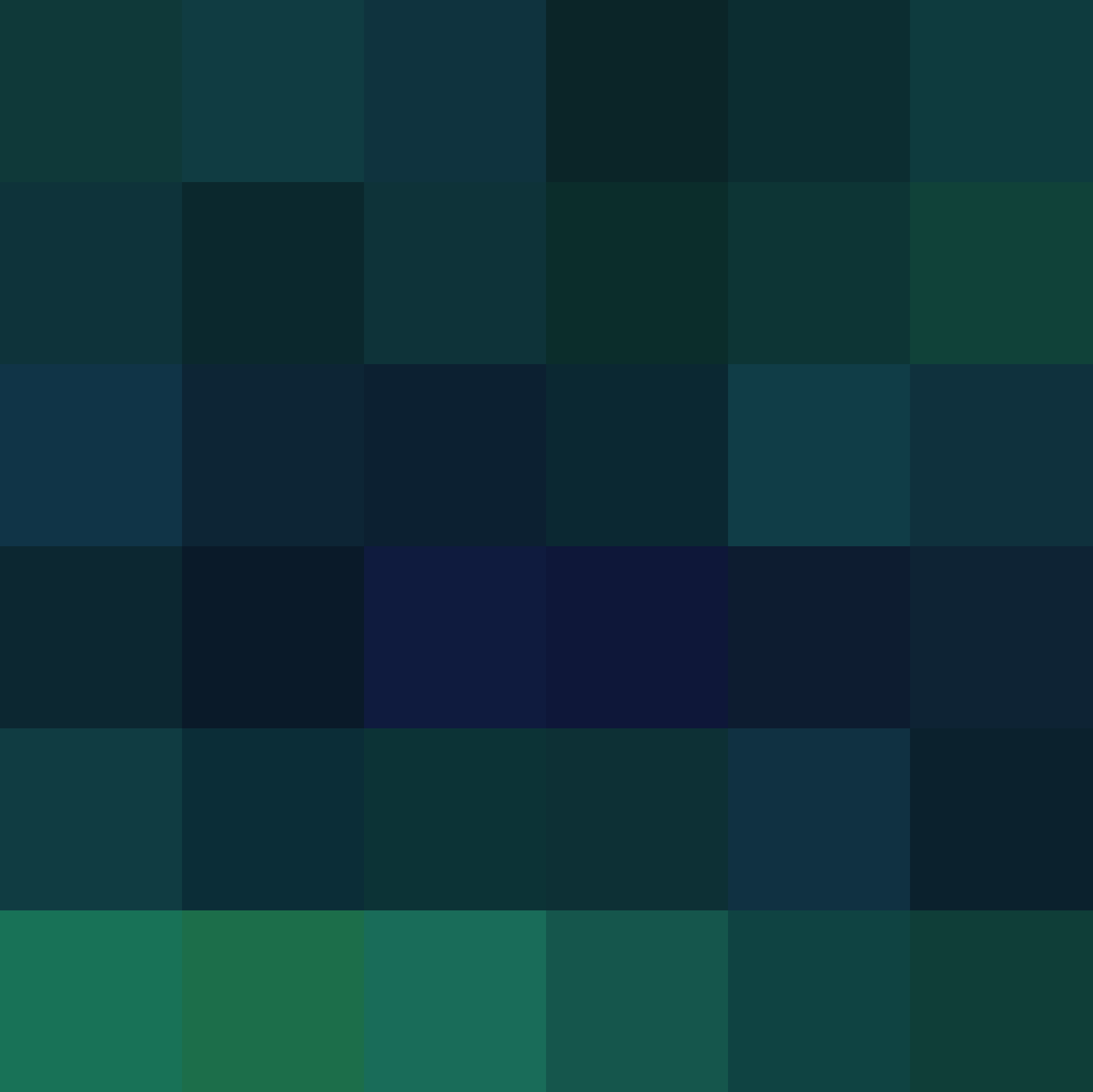
A 9 by 9 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, but it also has some blue, some indigo, some purple, a bit of green, a bit of violet, and a tiny bit of magenta in it.

There's a pixel gradient in this 9 by 9 grid. It is mostly green, but it also has quite some cyan, and some blue in it.

This very colourful pixel gradient—it is 6 cells wide, 6 cells high—is mostly orange, but it also has quite some purple, quite some magenta, some rose, some red, and a little bit of violet in it.

The cells in this 6 by 6 pixel grid form a gradient. It is mostly cyan, and it also has a lot of blue, and a little bit of green in it.
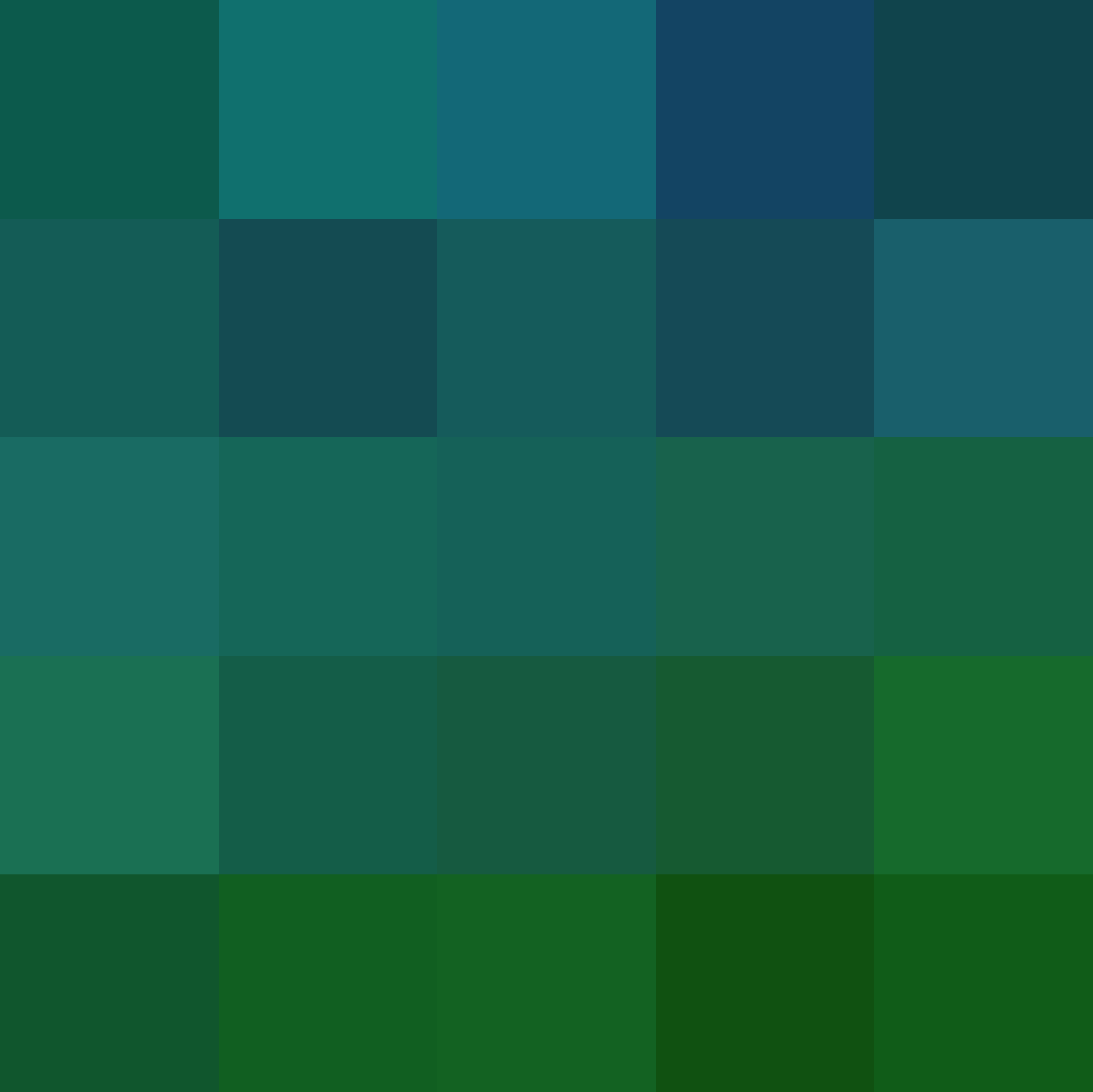
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly cyan, but it also has a lot of green, and a little bit of blue in it.

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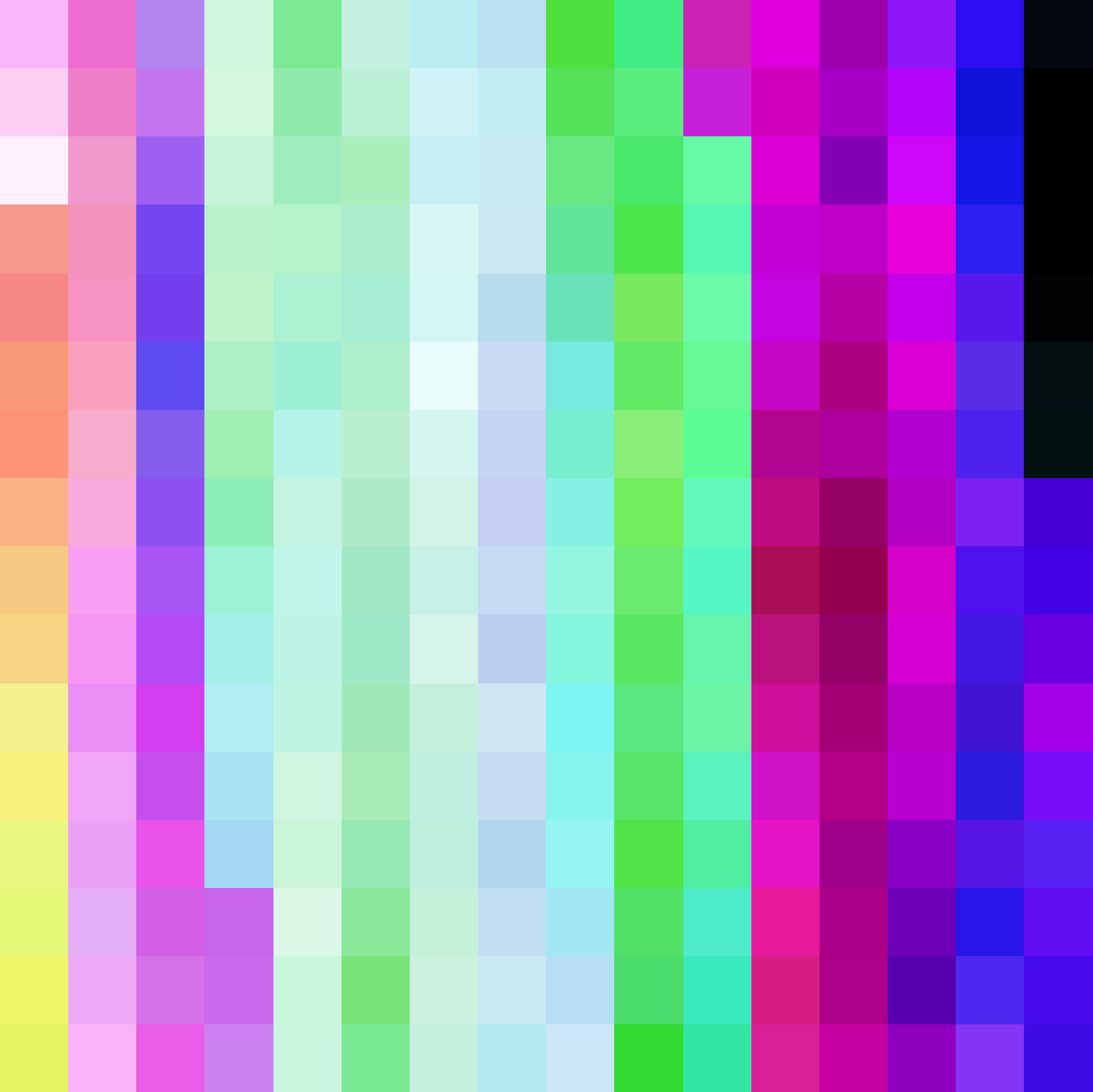
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some magenta, some cyan, a bit of purple, a bit of blue, a bit of indigo, a little bit of violet, a little bit of rose, a tiny bit of yellow, a tiny bit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