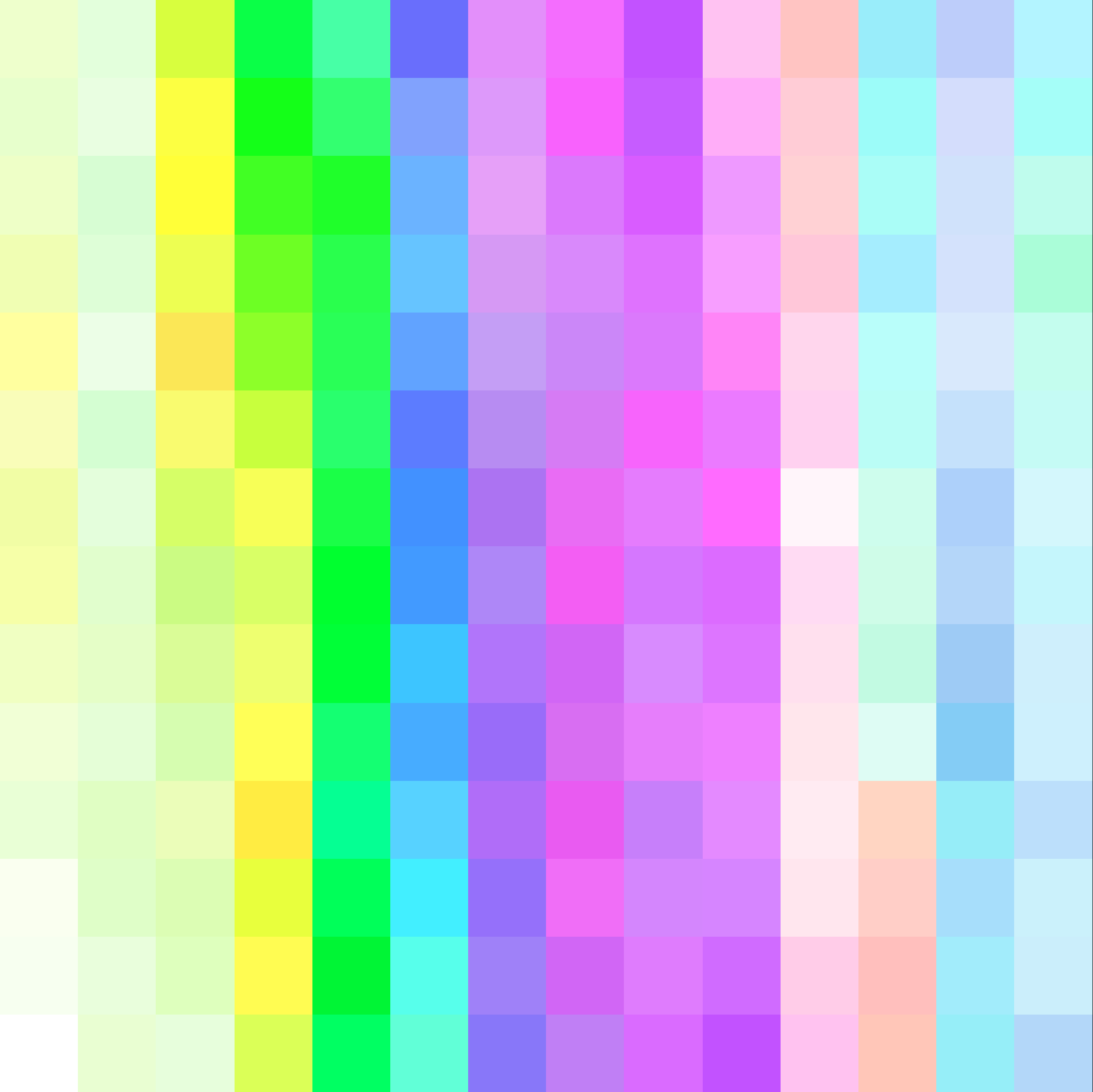# 100 random pixel gradients
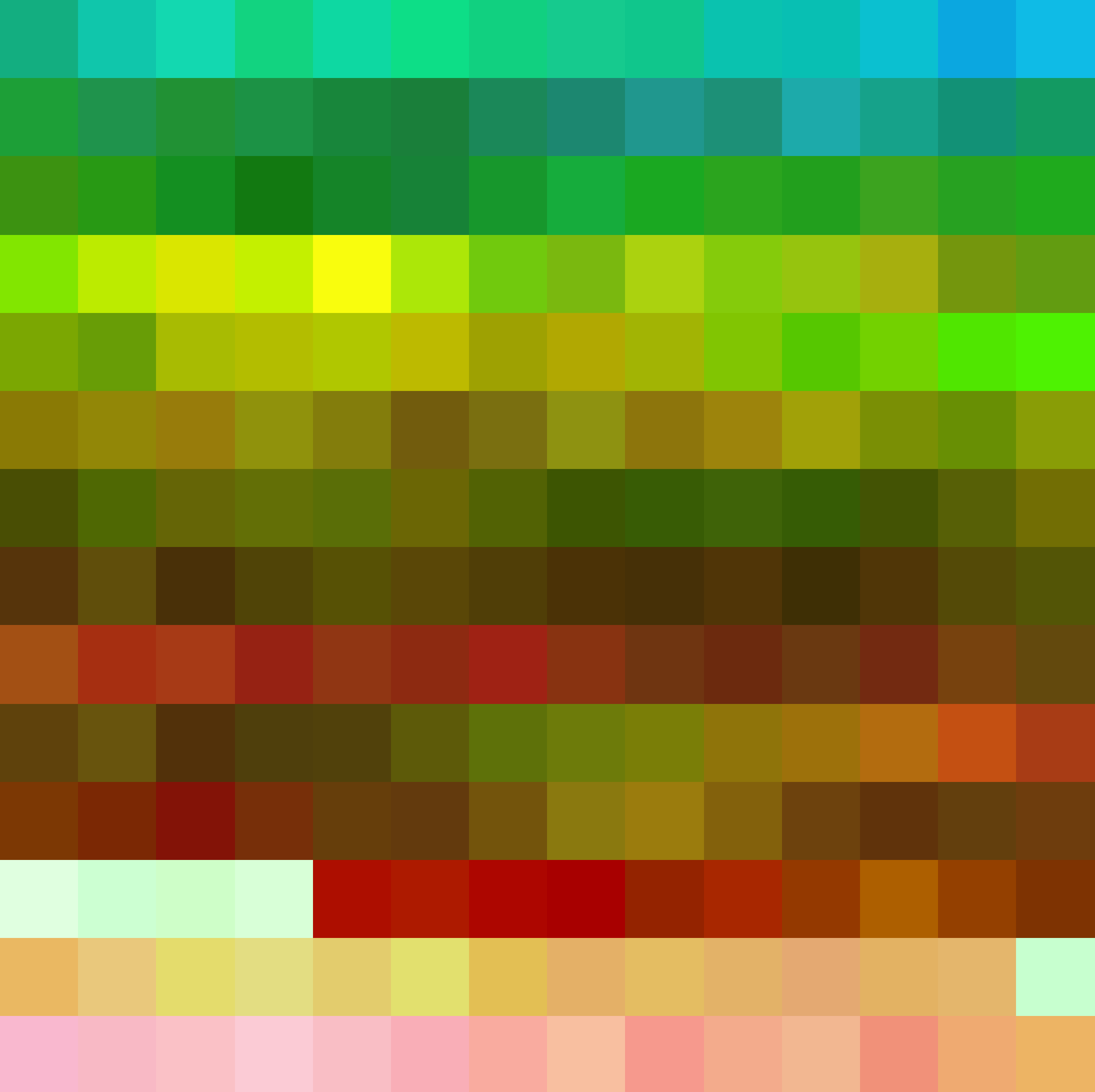
Vasilis van Gemert – 05-06-2023

A very, very colourful grid of 196 blocks. It's mostly green, but it also has some purple, some blue, some cyan, a bit of magenta, a bit of yellow, a little bit of lime, a little bit of rose, a little bit of red, a little bit of violet, a tiny bit of indigo, and a tiny bit of orange in it.

The cells in this 6 by 6 pixel grid form a colourful gradient. It is mostly yellow, but it also has quite some green, some lime, a bit of orange, and a little bit of red in it.
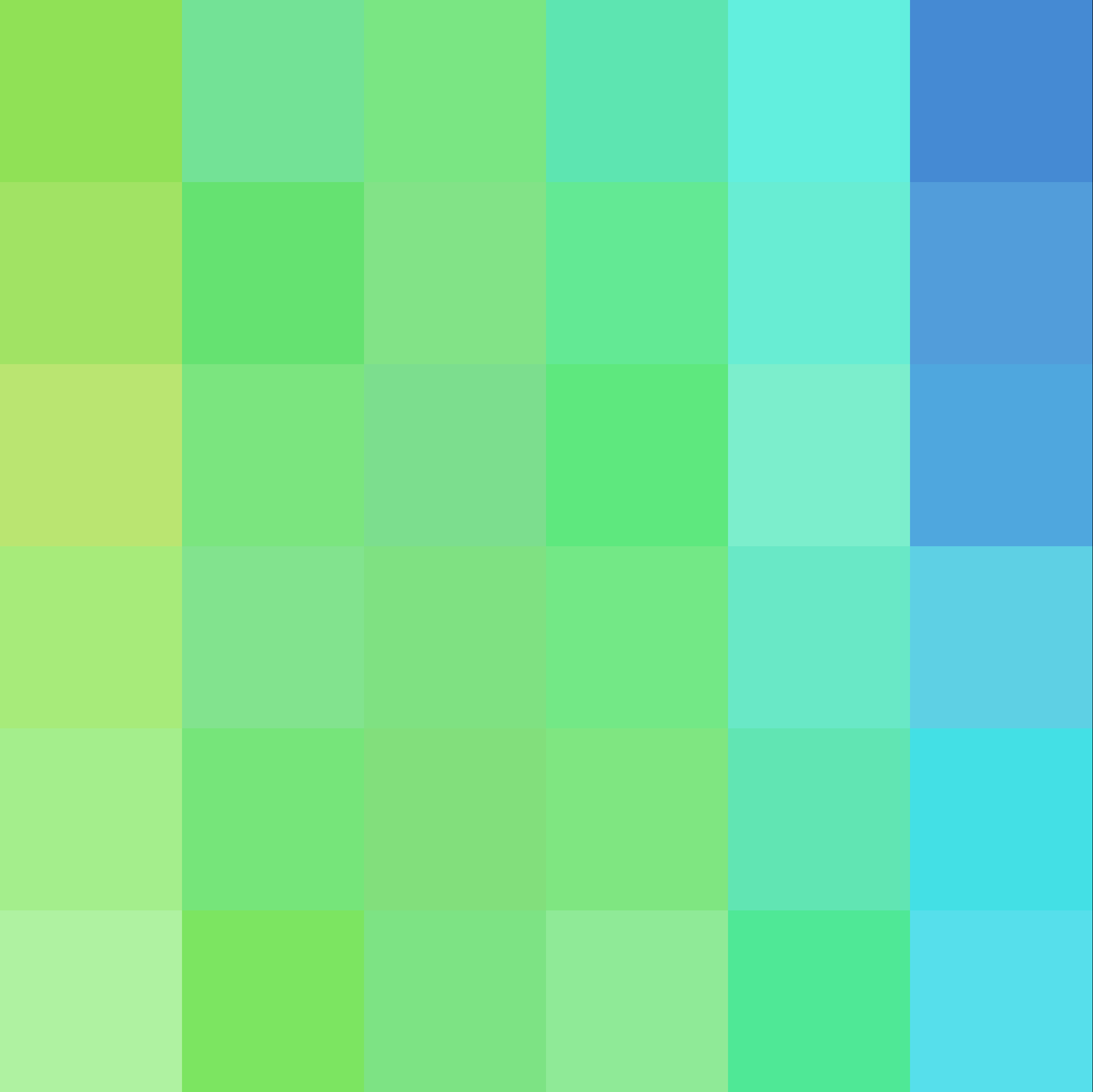
A grid with 196 coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, and it also has quite some yellow, quite some green, some red, a bit of cyan, a bit of lime, and a tiny bit of blue in it.
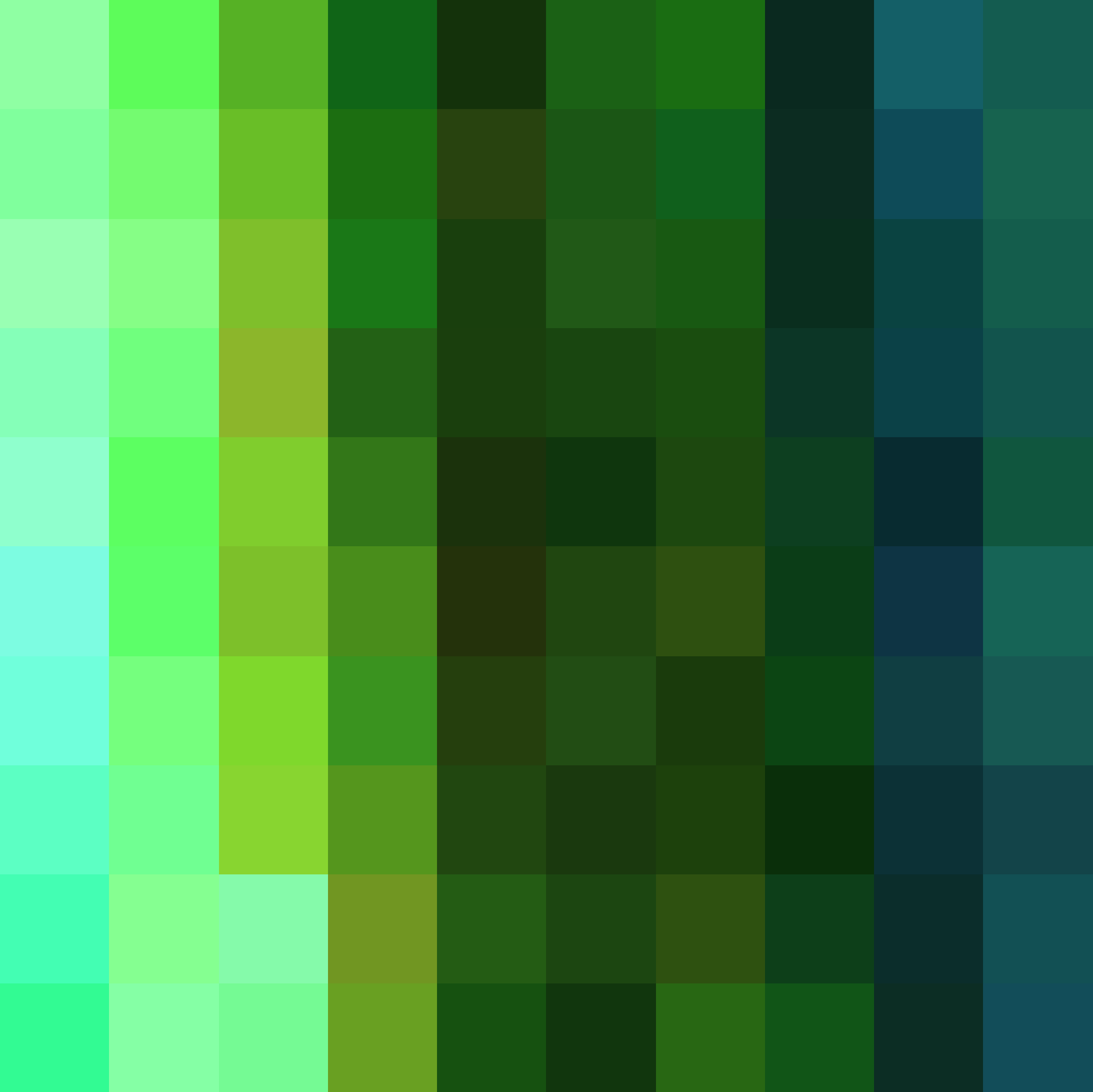
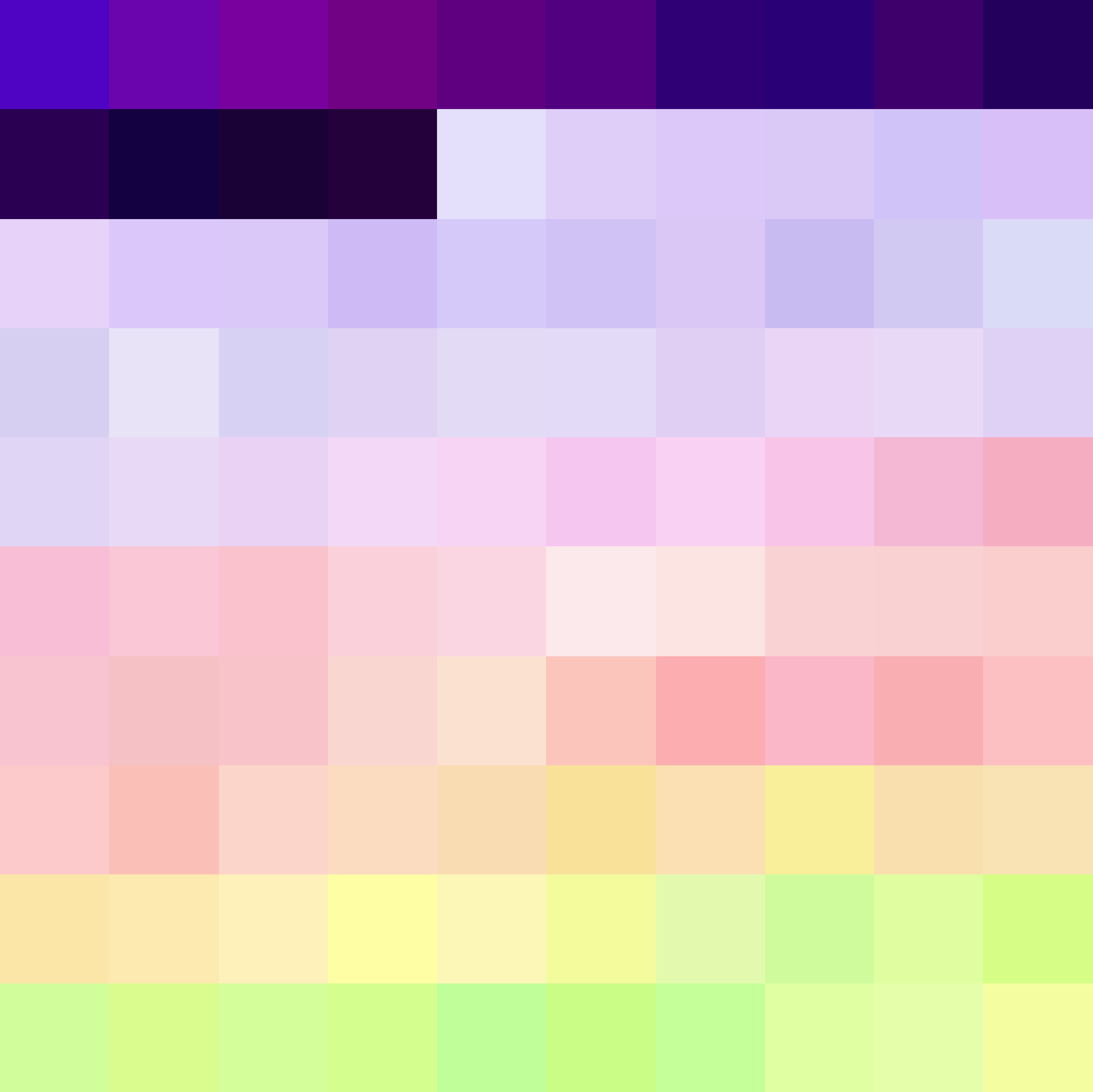A monochrome grid of 25 blocks. It's green.

There's a pixel gradient in this 5 by 5 grid. It is mostly yellow, and it also has quite some orange, some lime, and a little bit of green in it.

A grid of 36 blocks. It's mostly green, and it also has some cyan, and a bit of blue in it.
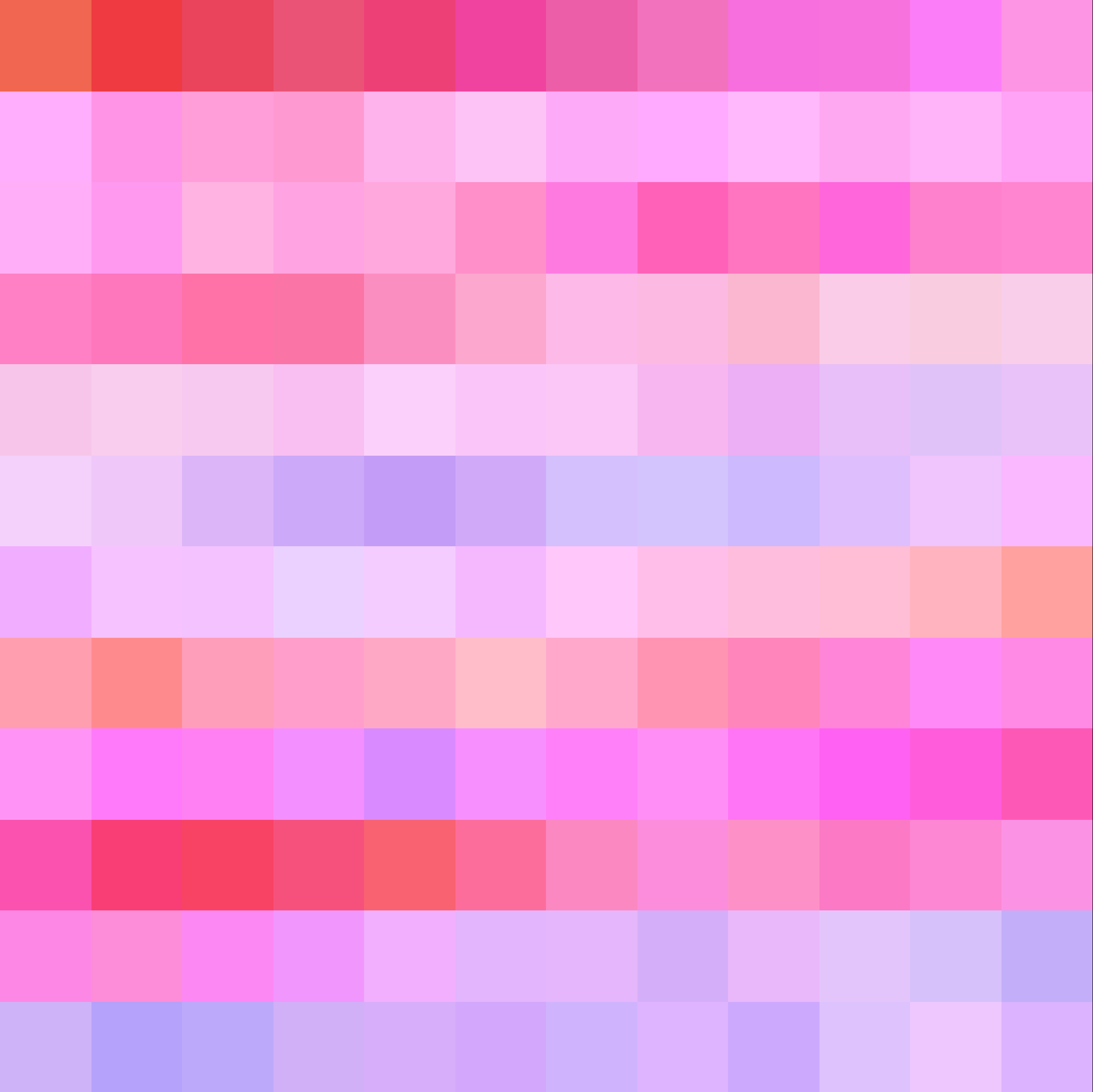
A grid of 100 blocks. It's mostly green, and it also has quite some cyan, a tiny bit of lime, and a tiny bit of blue in it.

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

This colourful gradient, generated in this 7 by 7 pixel grid, is mostly red, and it also has quite some orange, quite some magenta, a little bit of yellow, and a little bit of rose in it.
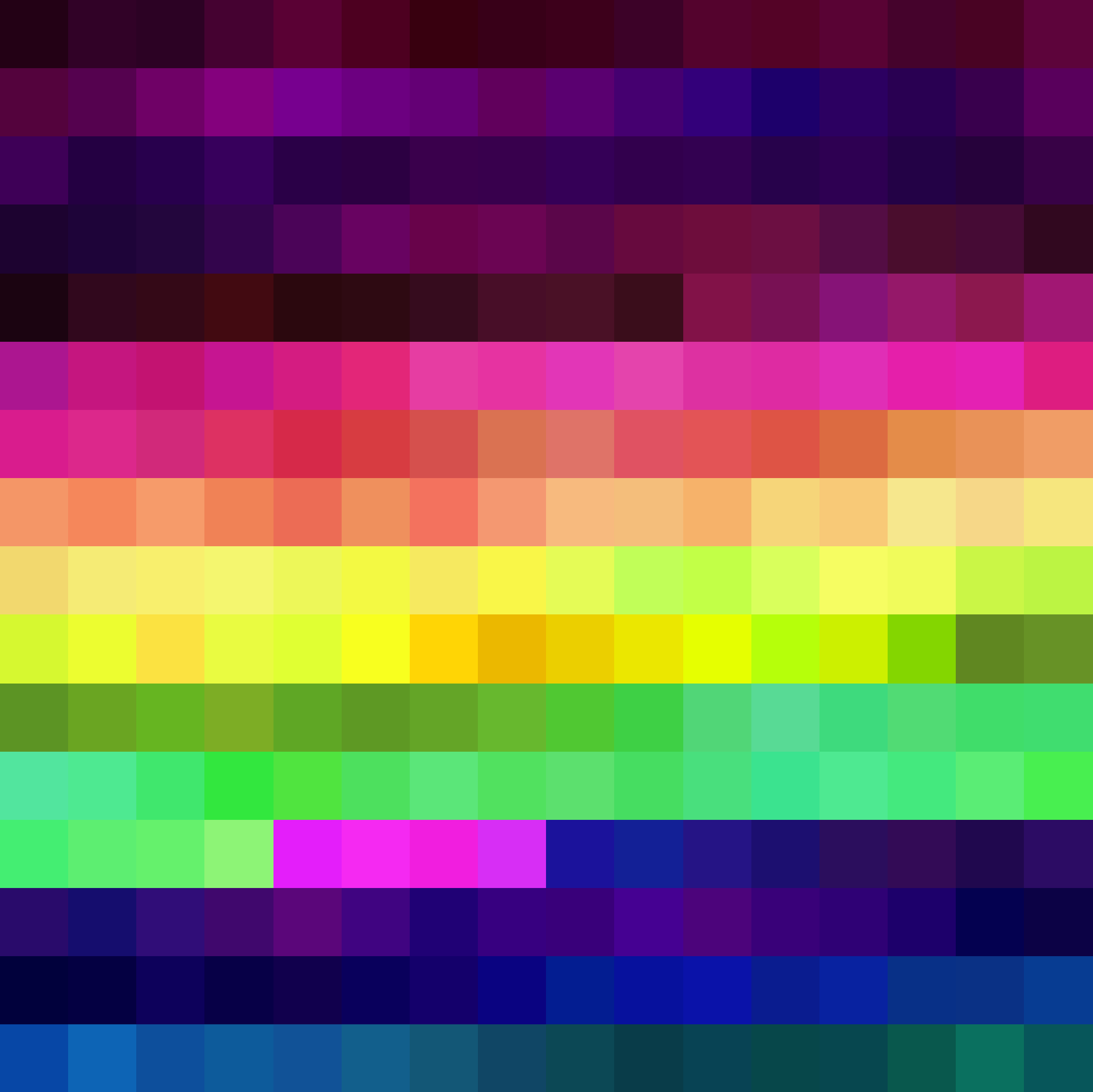
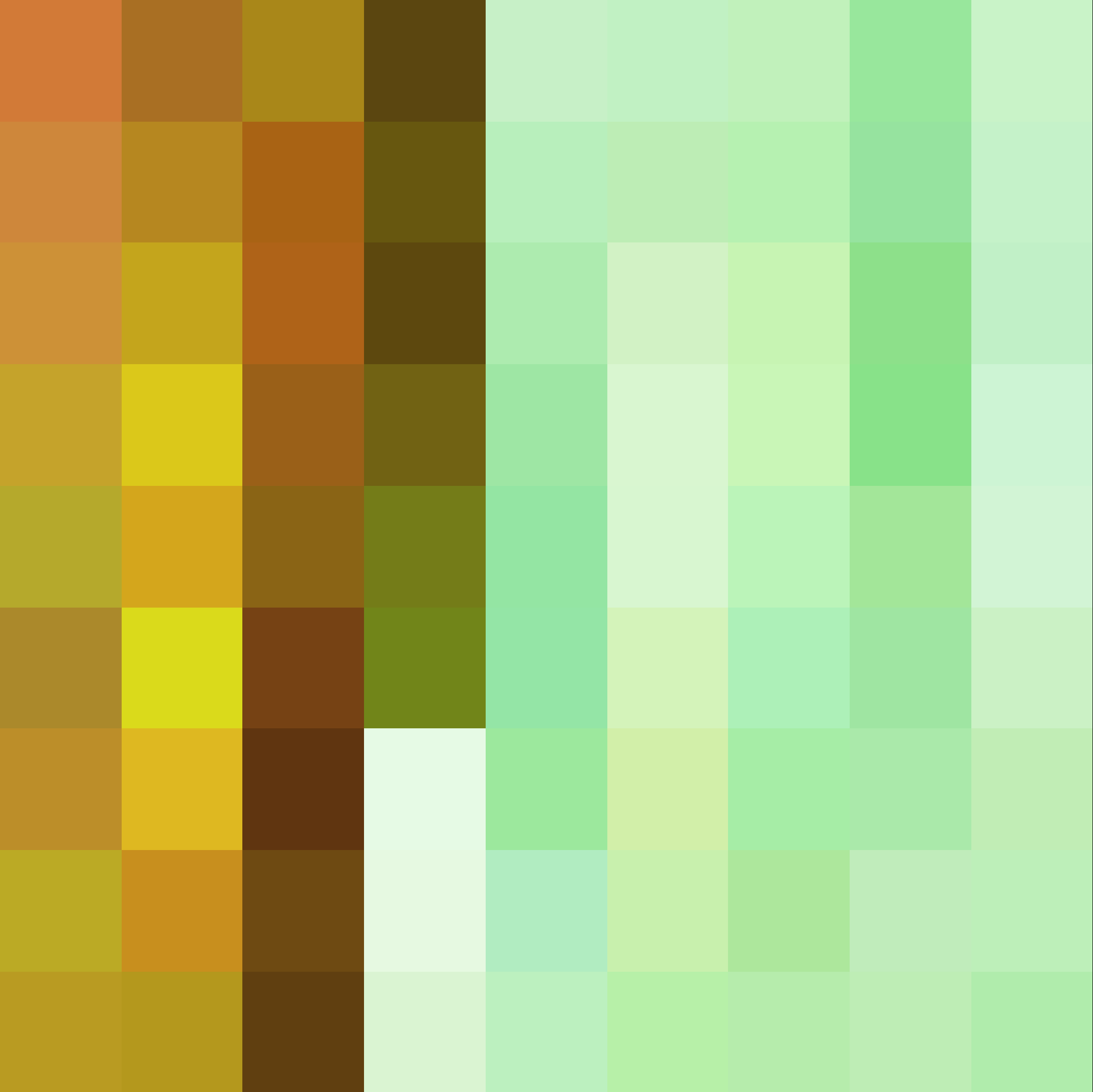The monochrome gradient in this 12 by 12 pixel grid is red.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, but it also has a bit of magenta, a bit of orange, a bit of rose, a bit of indigo, a little bit of yellow, a little bit of purple, a little bit of violet, a tiny bit of lime, a tiny bit of blue, and a tiny bit of green in it.
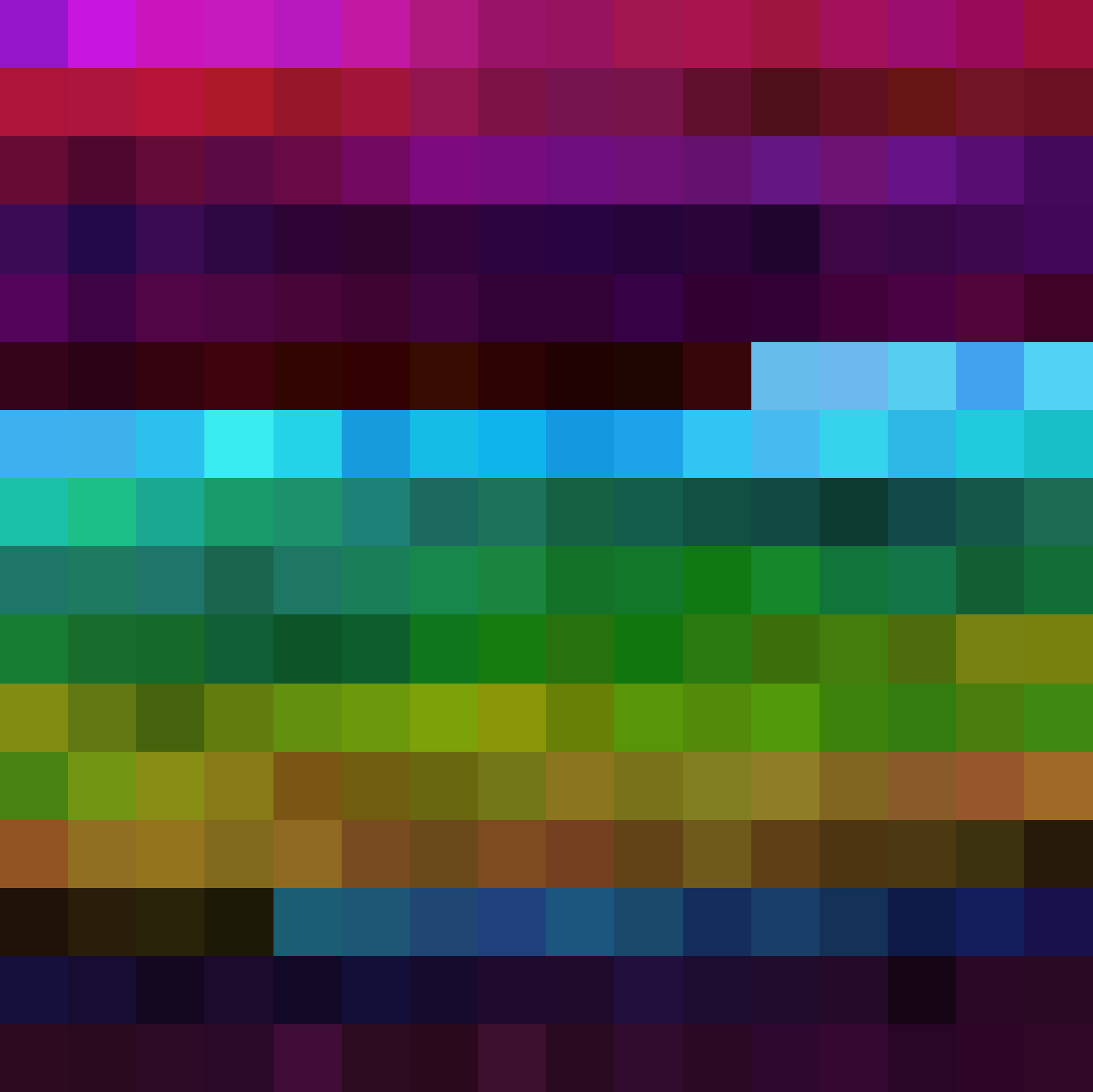
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some red, some yellow, some green, a bit of orange, a bit of magenta, a little bit of purple, a little bit of rose, a little bit of lime, a little bit of violet, a little bit of cyan, and a little bit of indigo in it.
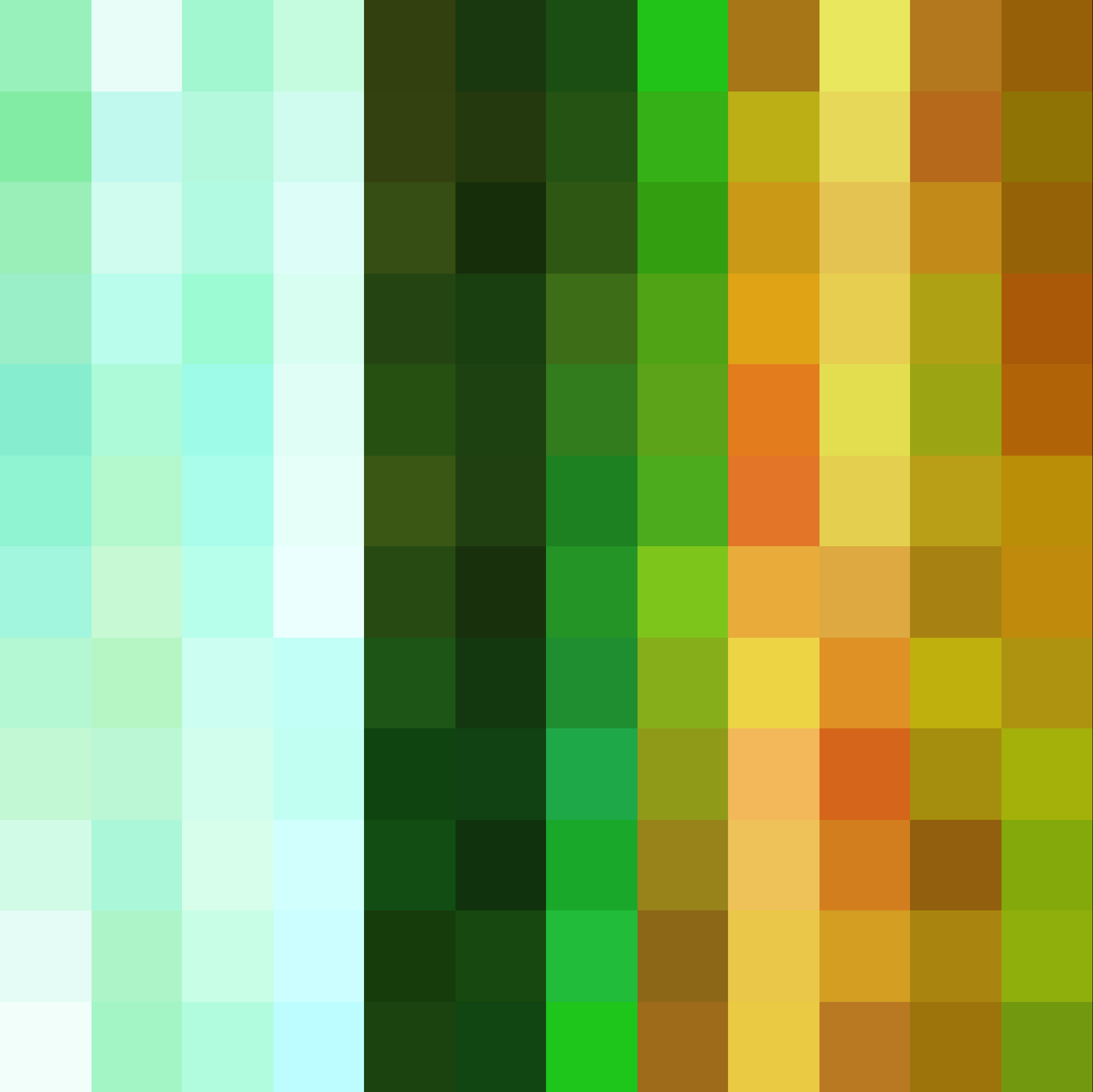
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some green, some purple, a bit of rose, a bit of yellow, a bit of indigo, a bit of blue, a little bit of orange, a little bit of violet, a little bit of red, a little bit of cyan, and a tiny bit of lime in it.
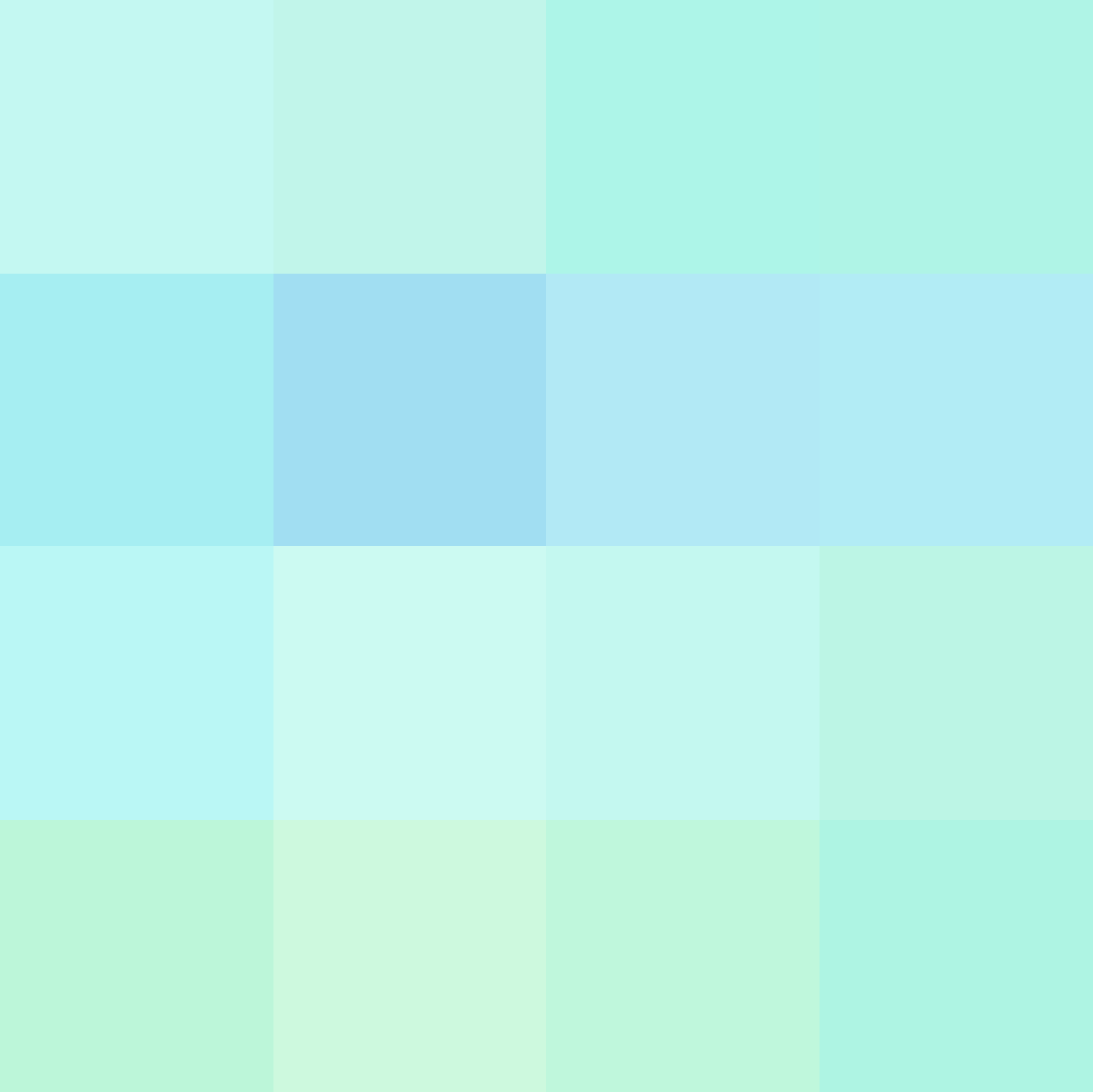
A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some orange, some yellow, and a tiny bit of lime in it.
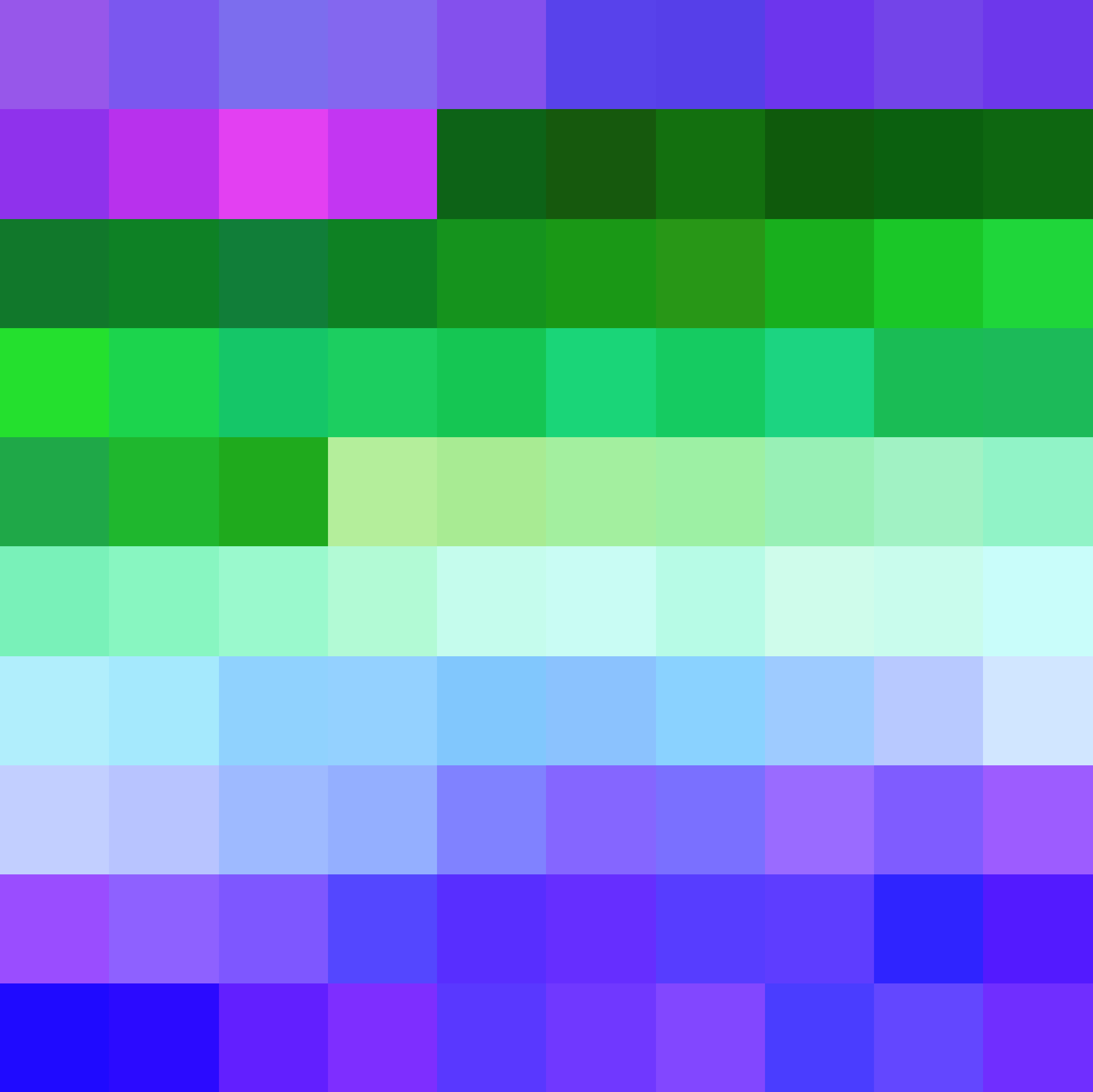
The very, very colourful gradient in this 16 by 16 pixel grid is mostly magenta, and it also has some green, a bit of blue, a bit of orange, a bit of purple, a bit of cyan, a bit of red, a bit of rose, a little bit of yellow, a tiny bit of lime, a tiny bit of indigo, and a tiny bit of violet in it.
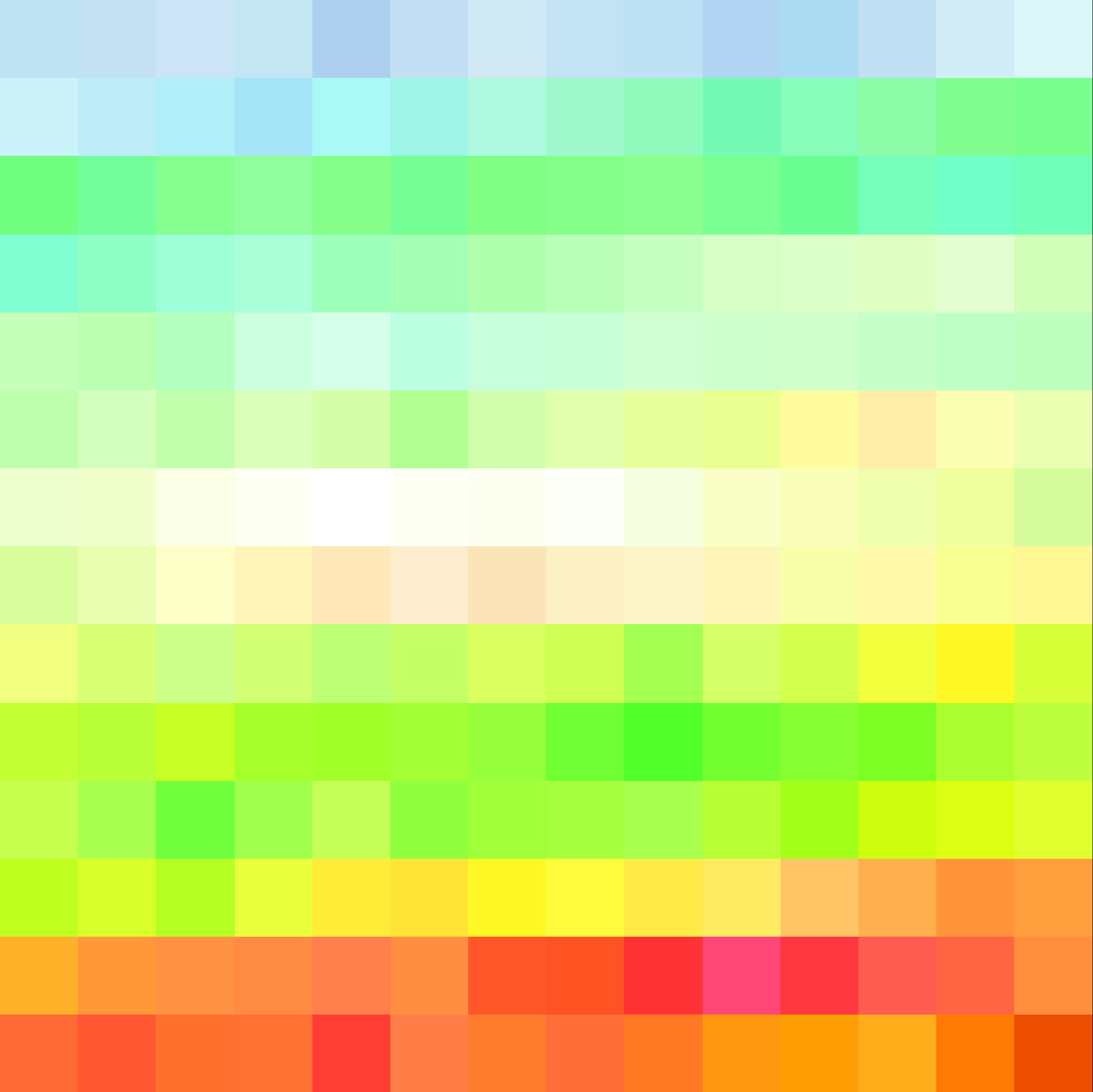
This colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has some orange, some yellow, a bit of cyan, and a little bit of lime in it.
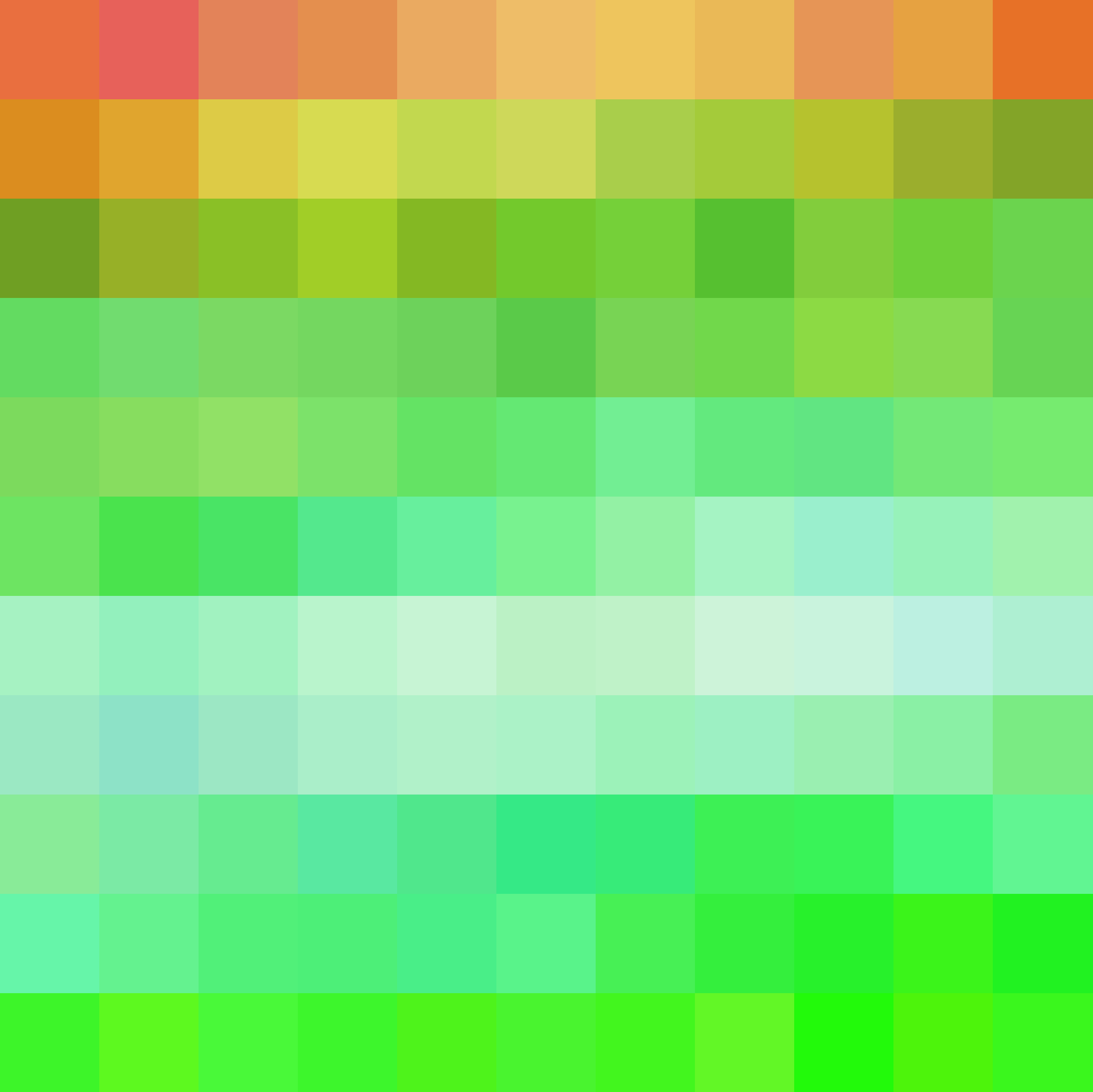
The gradient in this 4 by 4 pixel grid is mostly cyan, but it also has quite some green, and a little bit of blue in it.

This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, and it also has quite some indigo, some blue, a little bit of violet, a little bit of cyan, a tiny bit of purple, and a tiny bit of magenta in it.

The cells in this 14 by 14 pixel grid form a very colourful gradient. It is mostly green, but it also has some yellow, some orange, some lime, a bit of blue, a little bit of red, and a little bit of cyan in it.
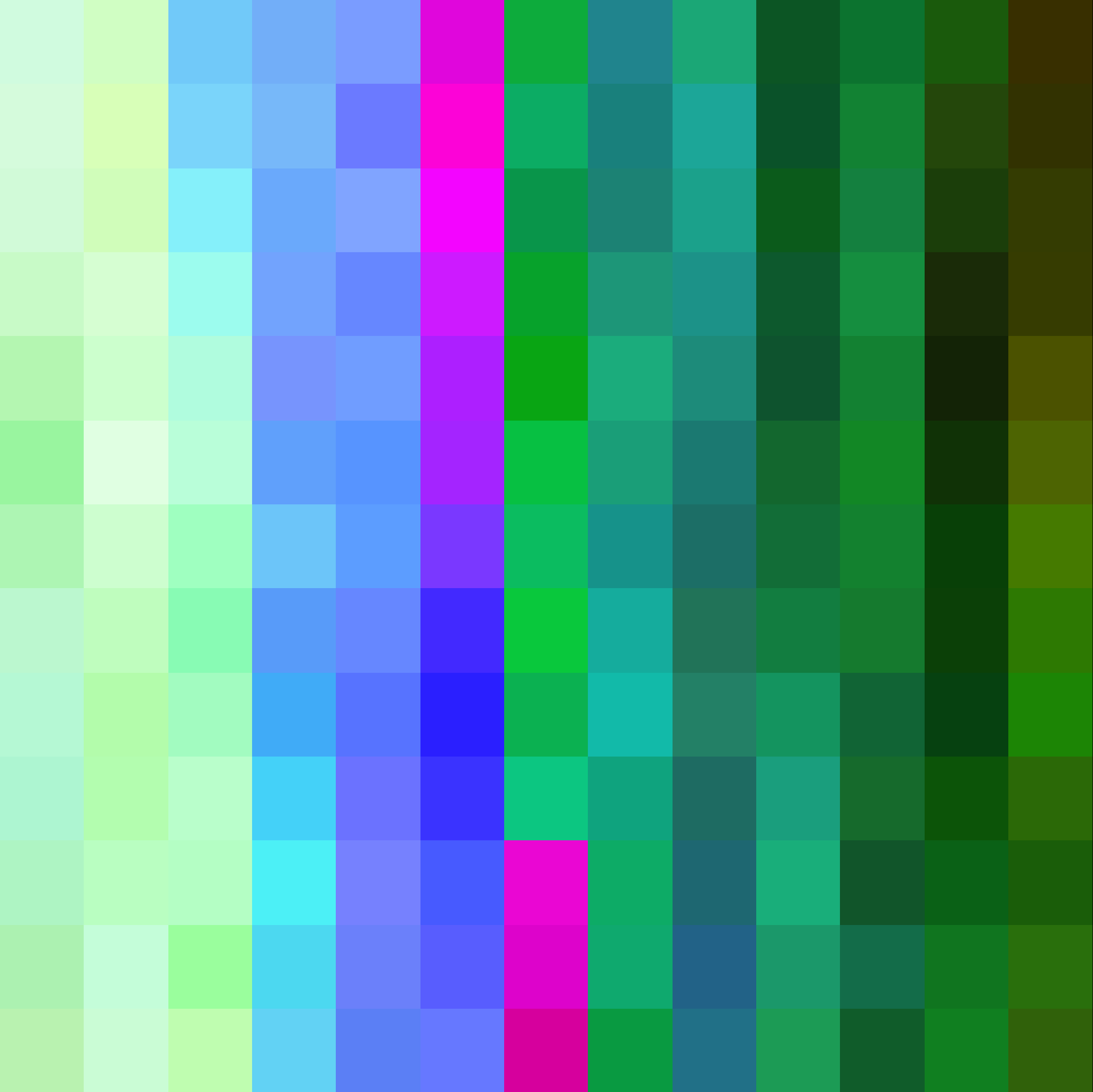
The colourful gradient in this 11 by 11 pixel grid is mostly green, but it also has a bit of orange, a little bit of yellow, a little bit of lime, and a tiny bit of red in it.

Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, but it also has some rose, some red, a bit of purple, a little bit of cyan, a little bit of blue, a little bit of green, a little bit of violet, a little bit of indigo, and a tiny bit of orange in it.
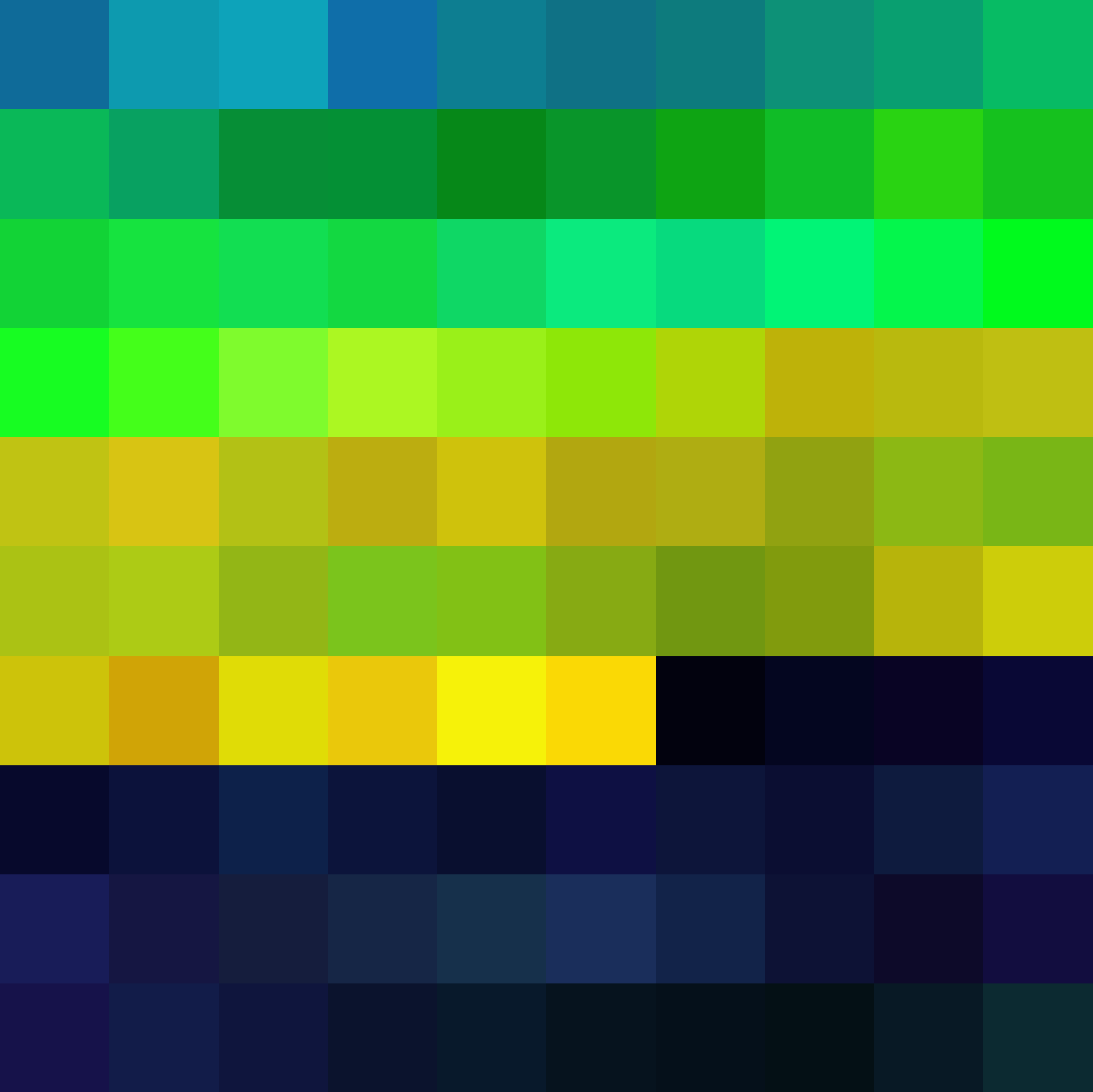
Here's a 12 by 12 pixelated grid that forms a colourful gradient. It is mostly indigo, but it also has quite some blue, some violet, some purple, and a little bit of magenta in it.
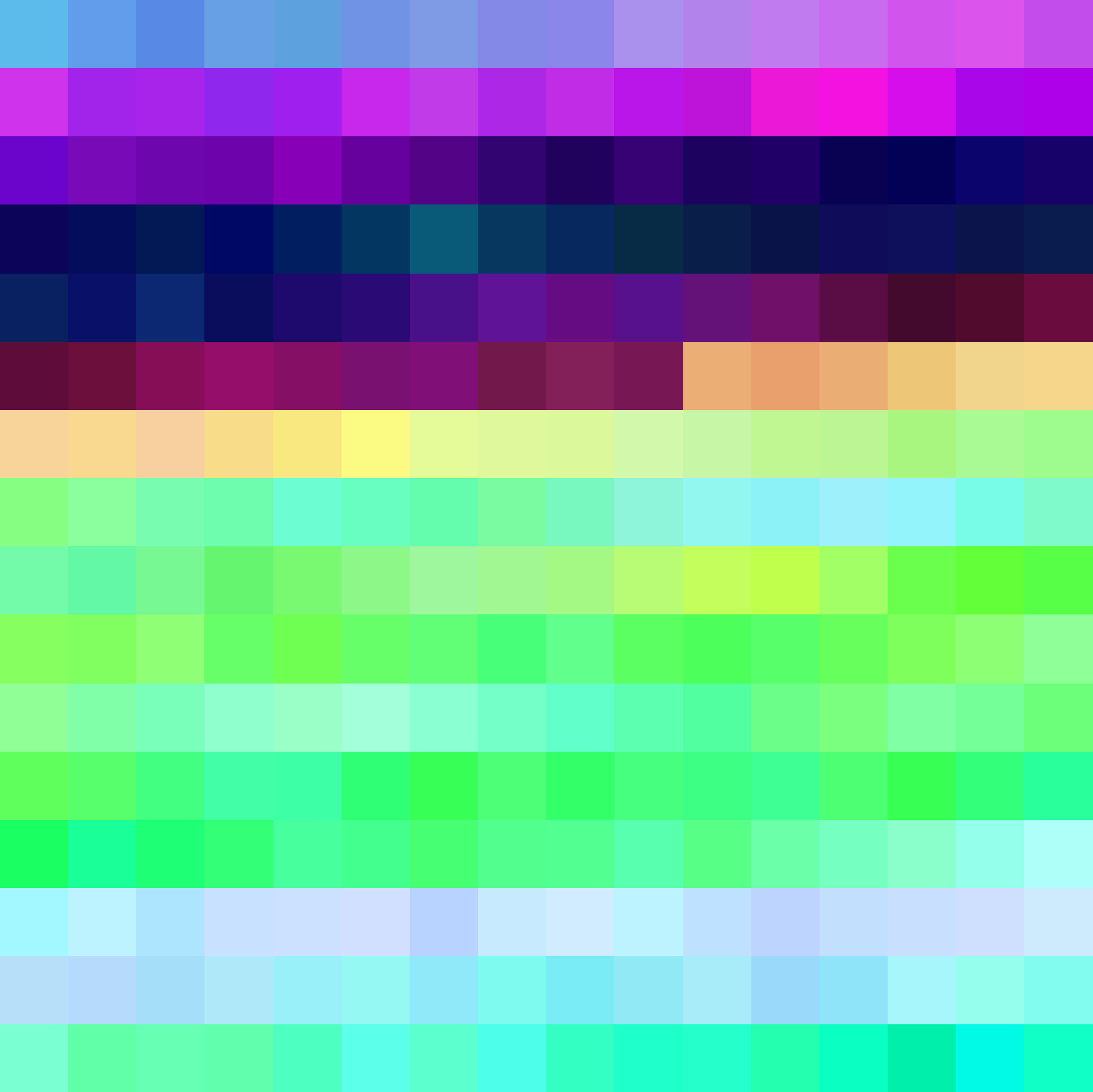
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, but it also has some blue, some cyan, a little bit of magenta, a little bit of yellow, a tiny bit of indigo, a tiny bit of purple, and a tiny bit of lime in it.
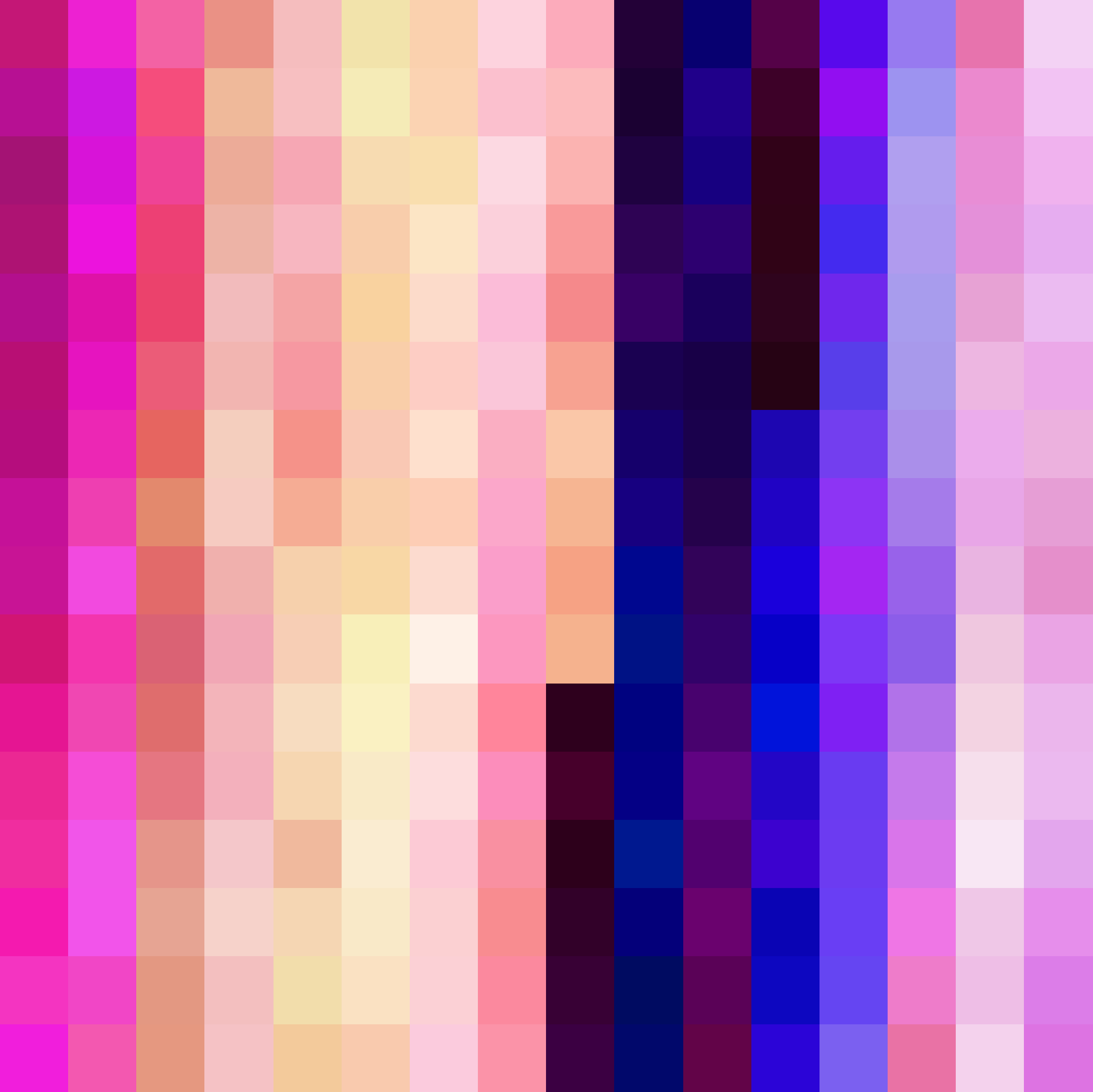
A 6 by 6 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.
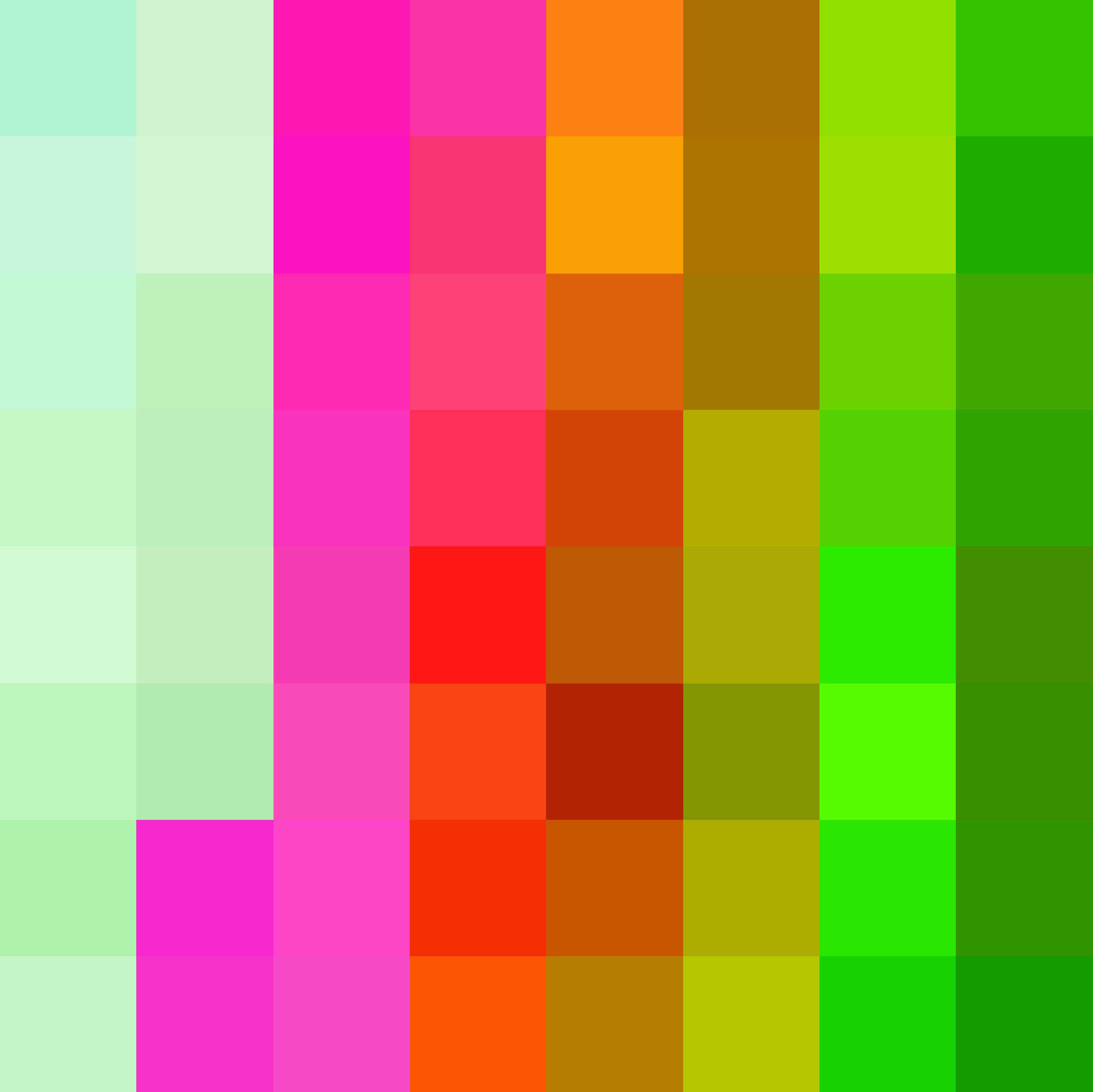
The very colourful gradient in this 10 by 10 pixel grid is mostly green, and it also has quite some blue, quite some yellow, a bit of cyan, a little bit of lime, and a little bit of indigo in it.

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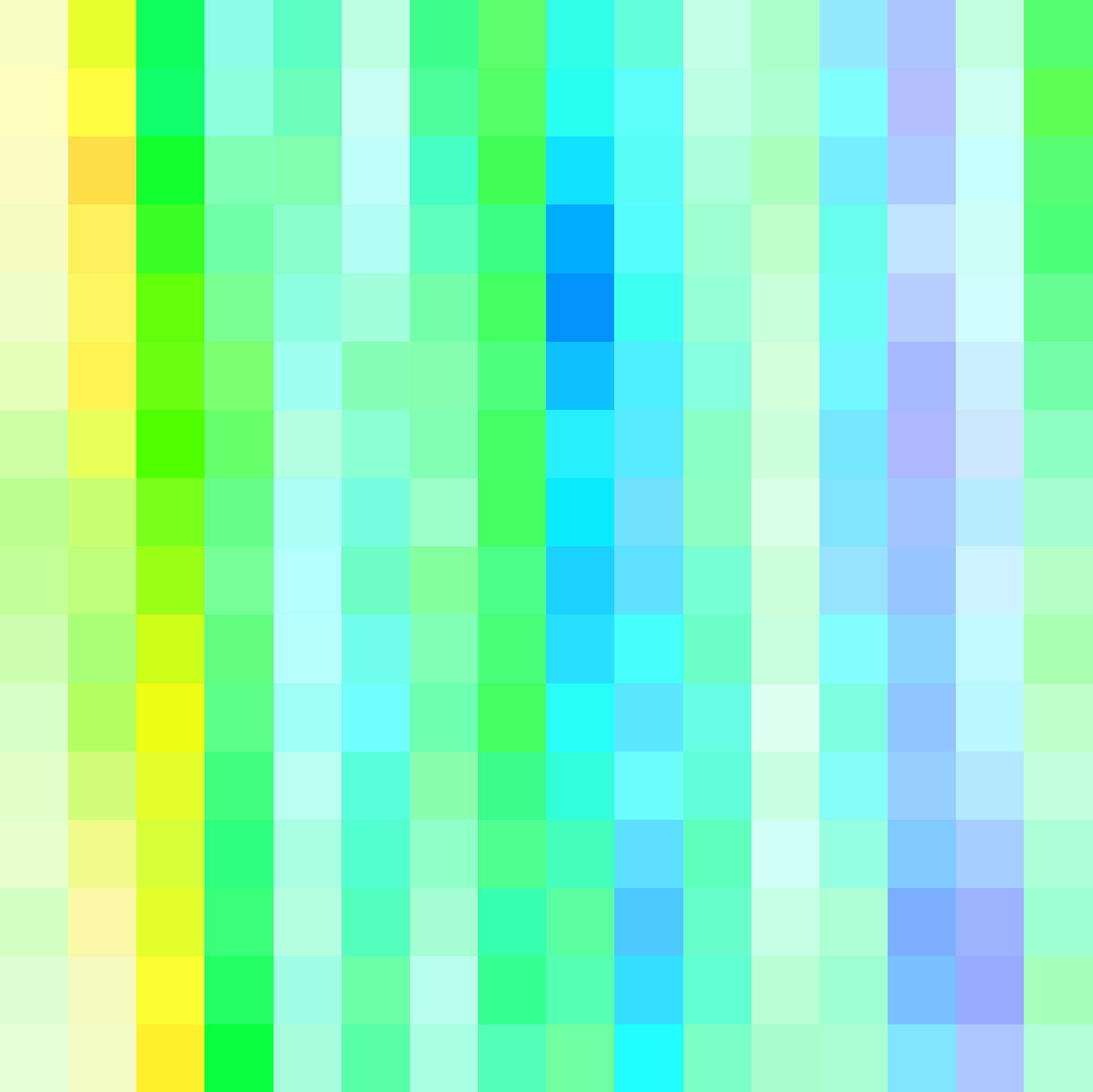
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly magenta, and it also has quite some red, some indigo, some orange, a bit of rose, a little bit of purple, a little bit of violet, a little bit of blue, and a tiny bit of yellow in it.
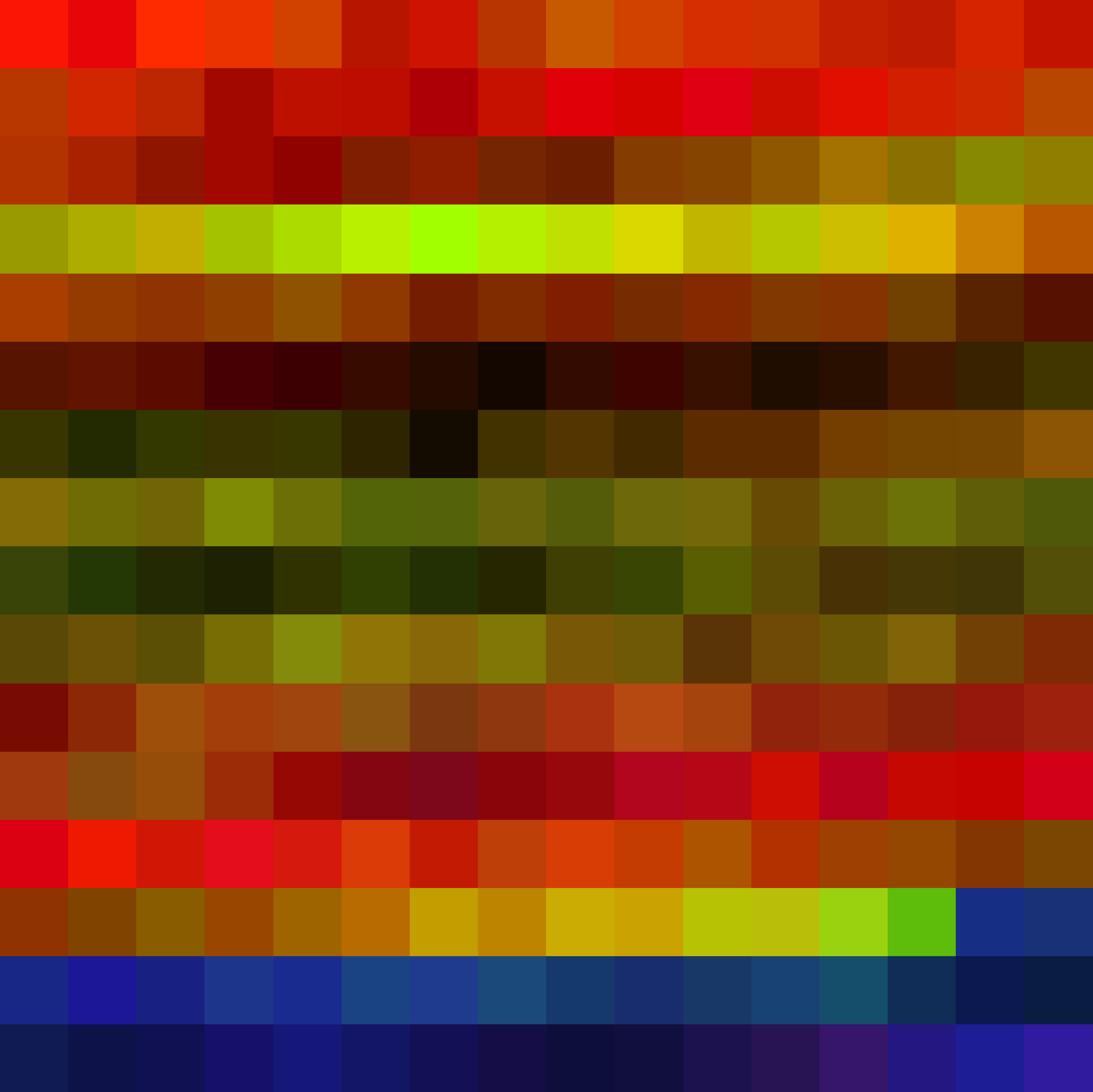
The cells in this 8 by 8 pixel grid form a very colourful gradient. It is mostly green, and it also has some magenta, some orange, a bit of red, a bit of yellow, a little bit of rose, and a tiny bit of lime in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly blue, and it also has quite some green, a bit of cyan, and a little bit of indigo in it.
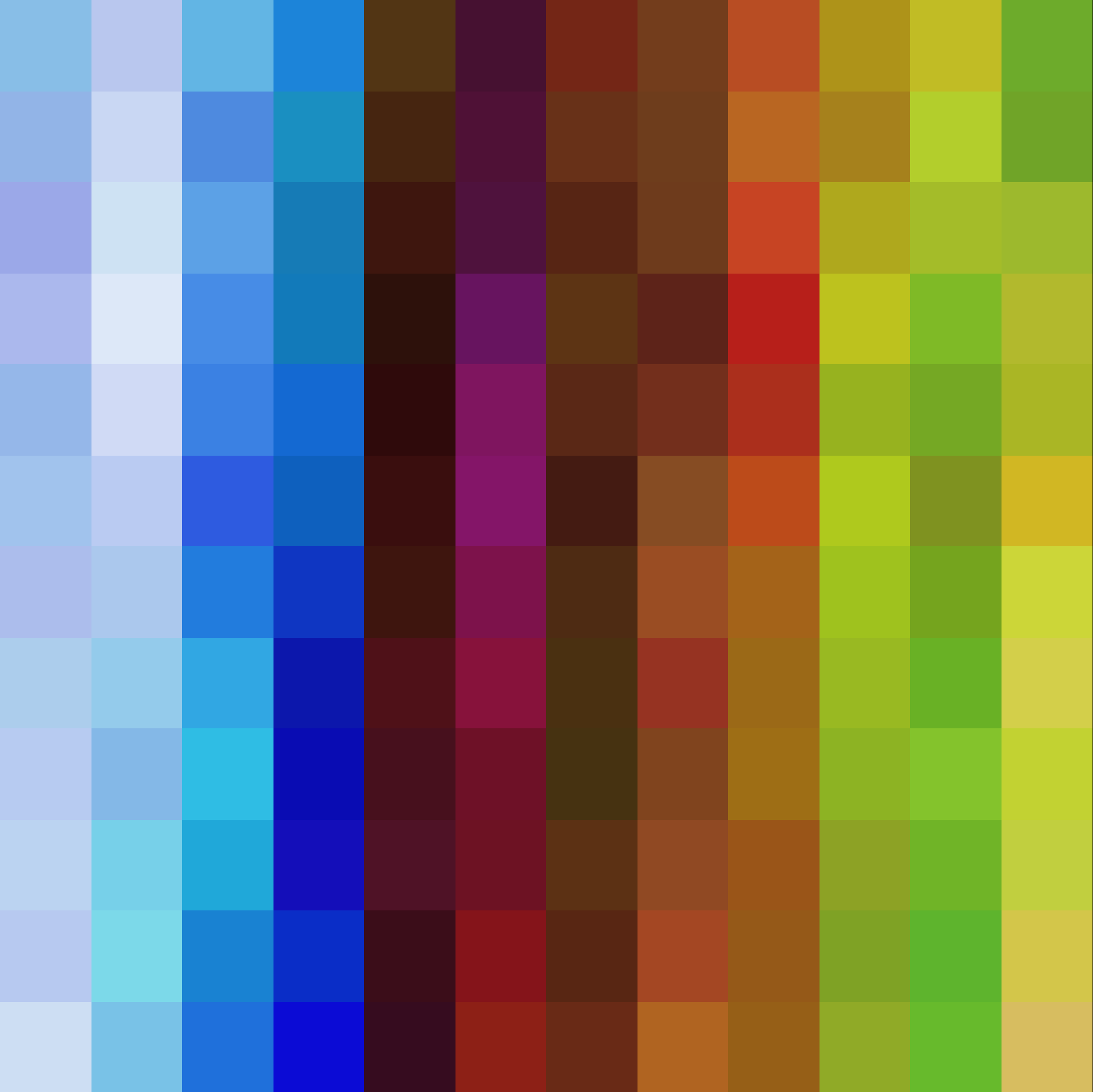
This colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, but it also has quite some cyan, some blue, a bit of yellow, and a tiny bit of lime in it.
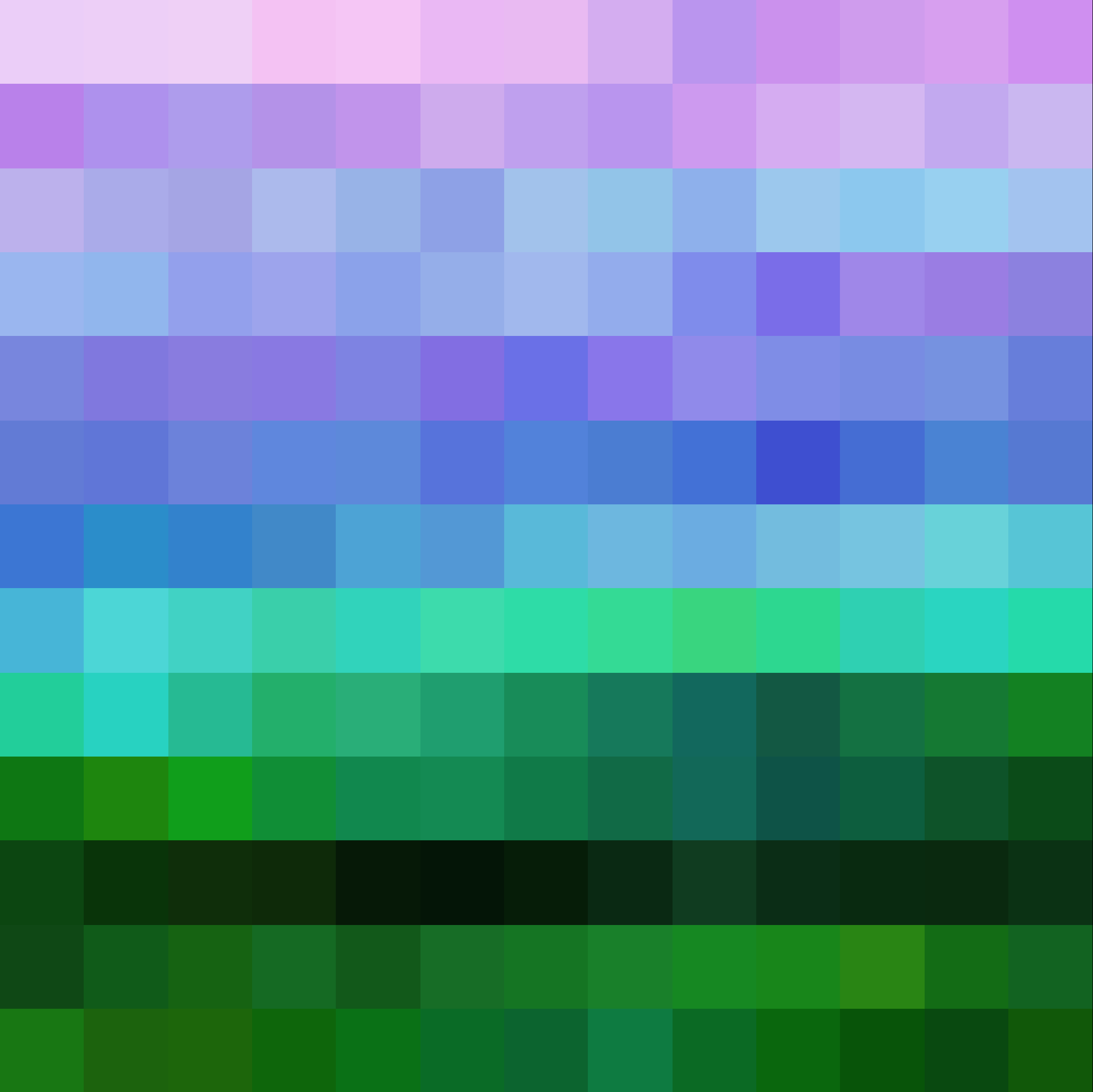
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly orange, and it also has quite some red, quite some yellow, a bit of blue, a little bit of lime, a little bit of indigo, a tiny bit of green, and a tiny bit of violet in it.

A two tone grid of 49 blocks. It's mostly orange, and it also has a lot of red 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, and it also has quite some red, quite some orange, some yellow, a bit of green, a little bit of lime, a tiny bit of cyan, and a tiny bit of indigo in it.
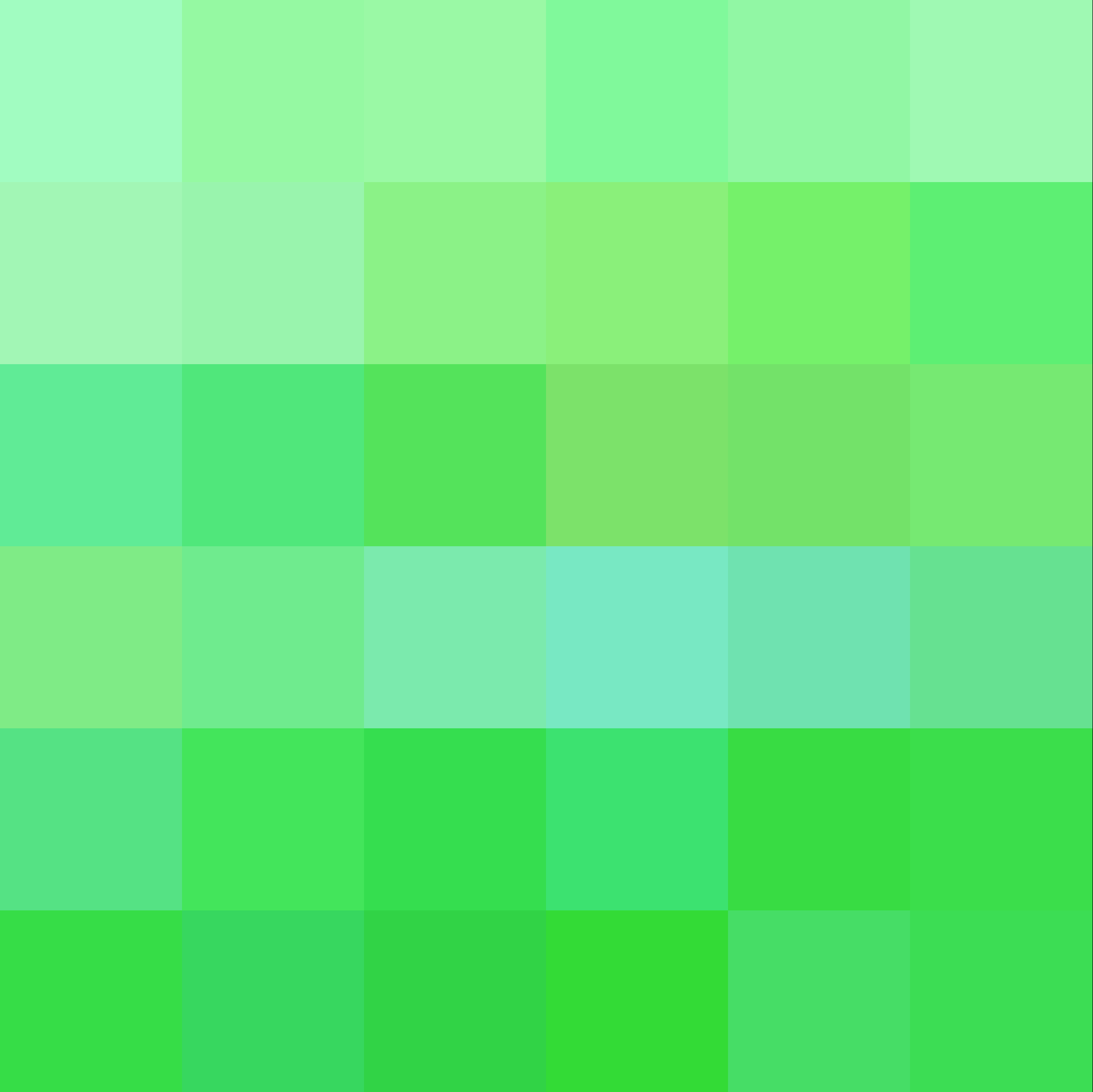
The cells in this 13 by 13 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some blue, a bit of purple, a bit of indigo, a bit of cyan, a little bit of violet, and a tiny bit of magenta in it.
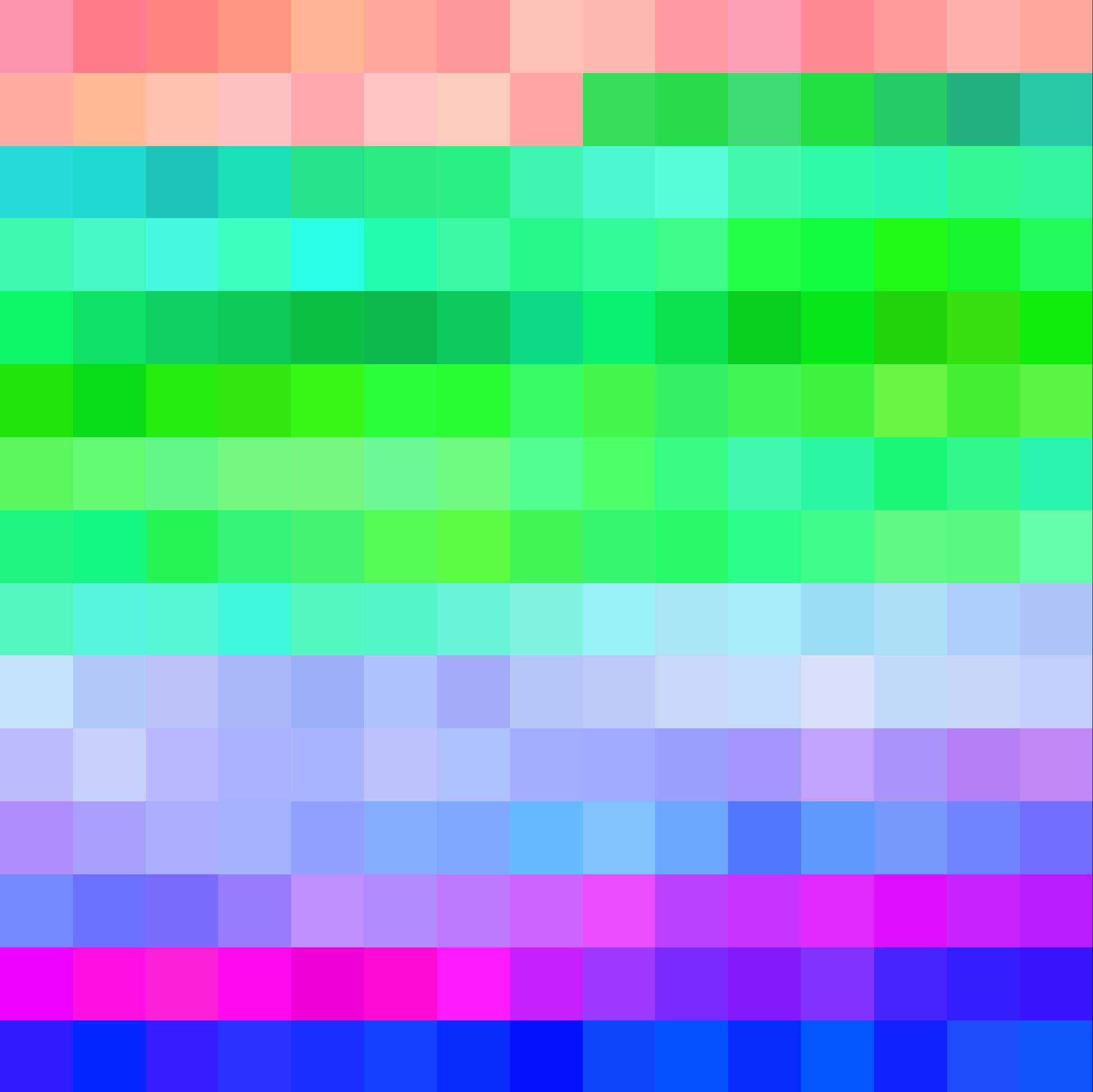
Here's an 8 by 8 pixelated grid that forms a colourful gradient. It is mostly green, and it also has some cyan, a bit of lime, a little bit of blue, and a tiny bit of yellow in it.

This very, very colourful gradient, generated in this 10 by 10 pixel grid, is mostly magenta, and it also has some purple, some orange, some rose, a bit of violet, a bit of red, a little bit of indigo, and a little bit of yellow in it.

The cells in this 6 by 6 pixel grid form a monochrome gradient. It is green.
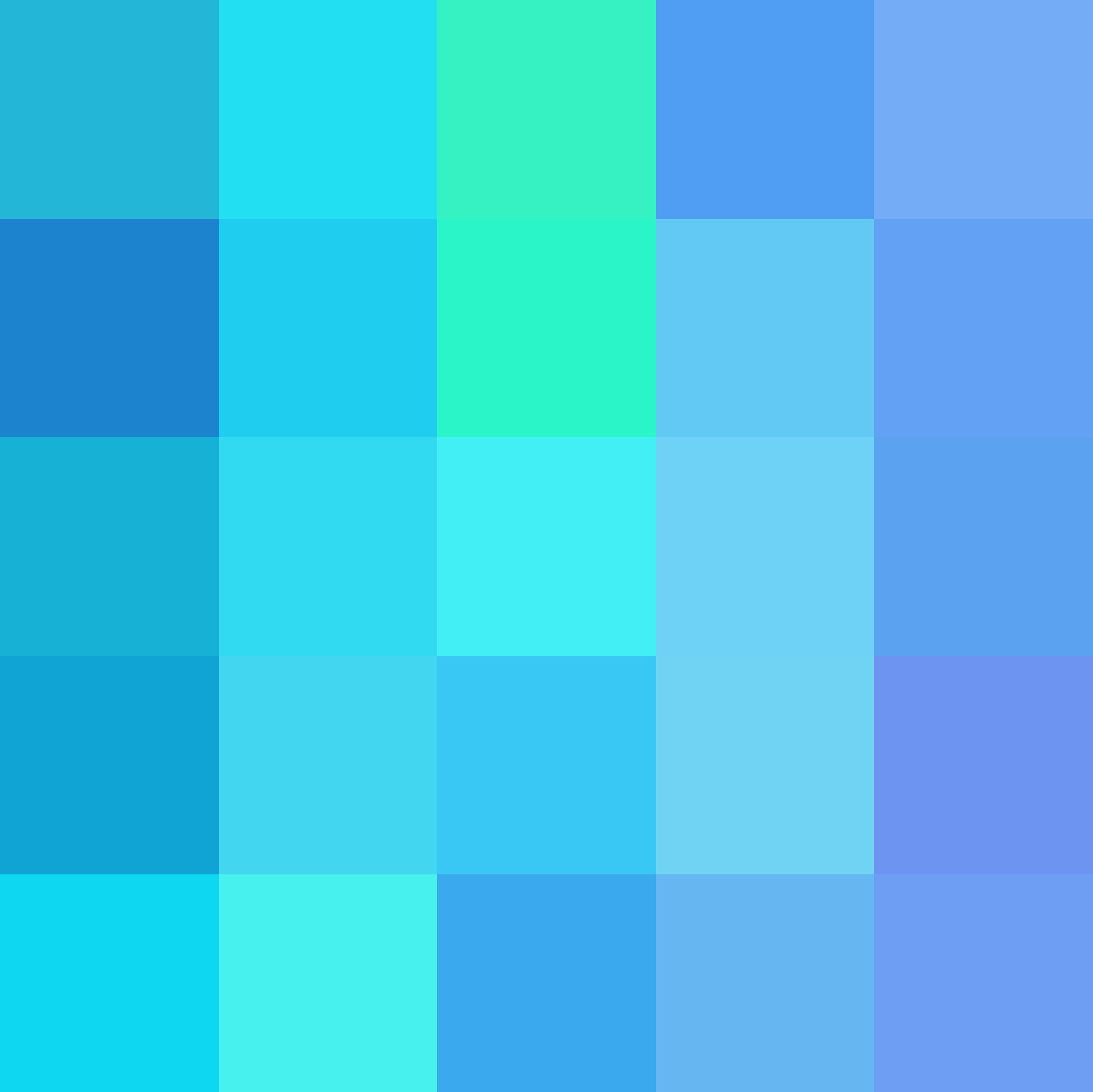
The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, and it also has quite some blue, a bit of red, a bit of cyan, a little bit of indigo, a little bit of magenta, a little bit of violet, a little bit of purple, a tiny bit of orange, and a tiny bit of rose in it.
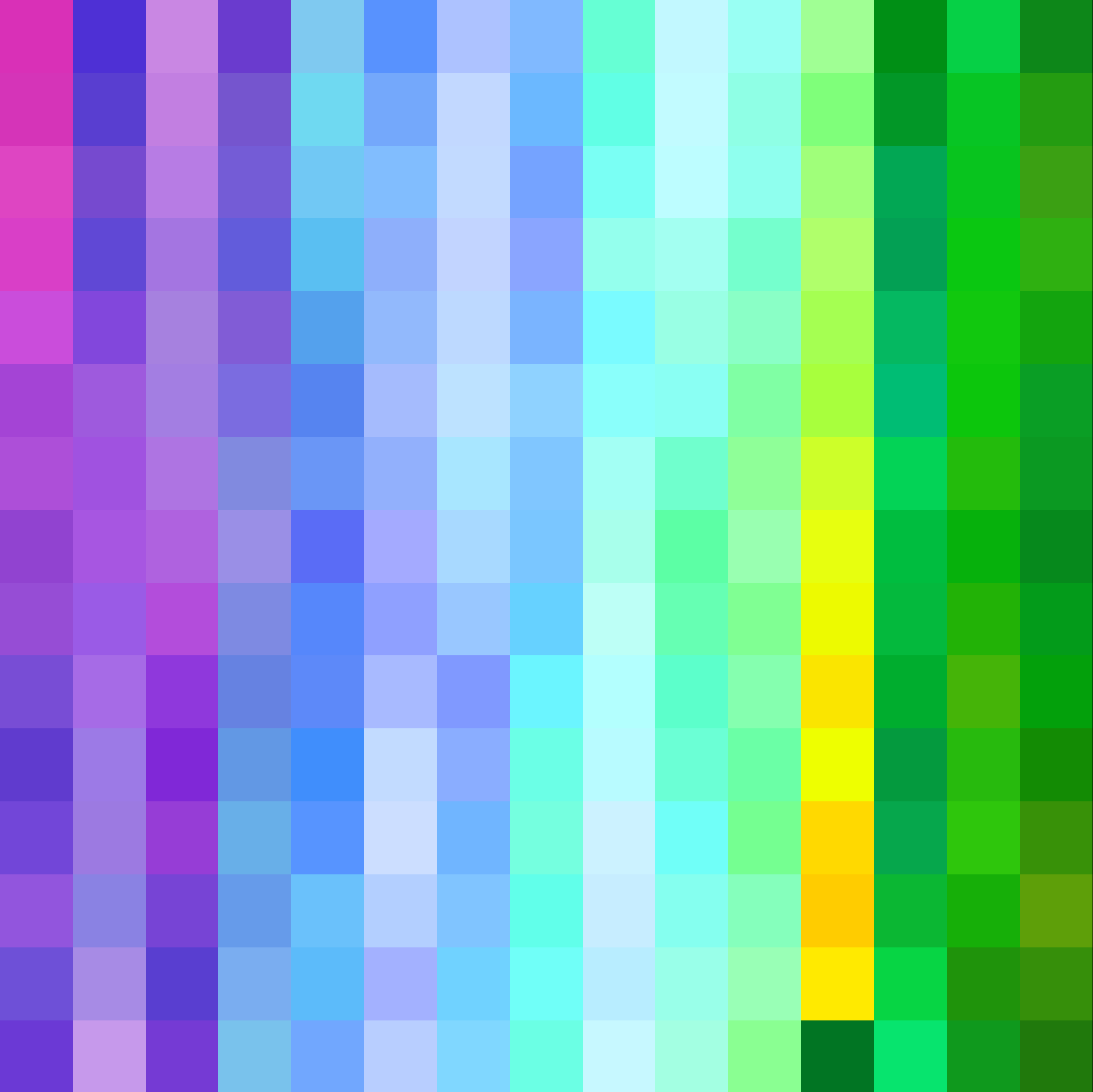
A very, very colourful grid of 225 blocks. It's mostly green, but it also has some red, a bit of cyan, a bit of blue, a bit of yellow, a little bit of orange, a tiny bit of rose, and a tiny bit of lime in it.
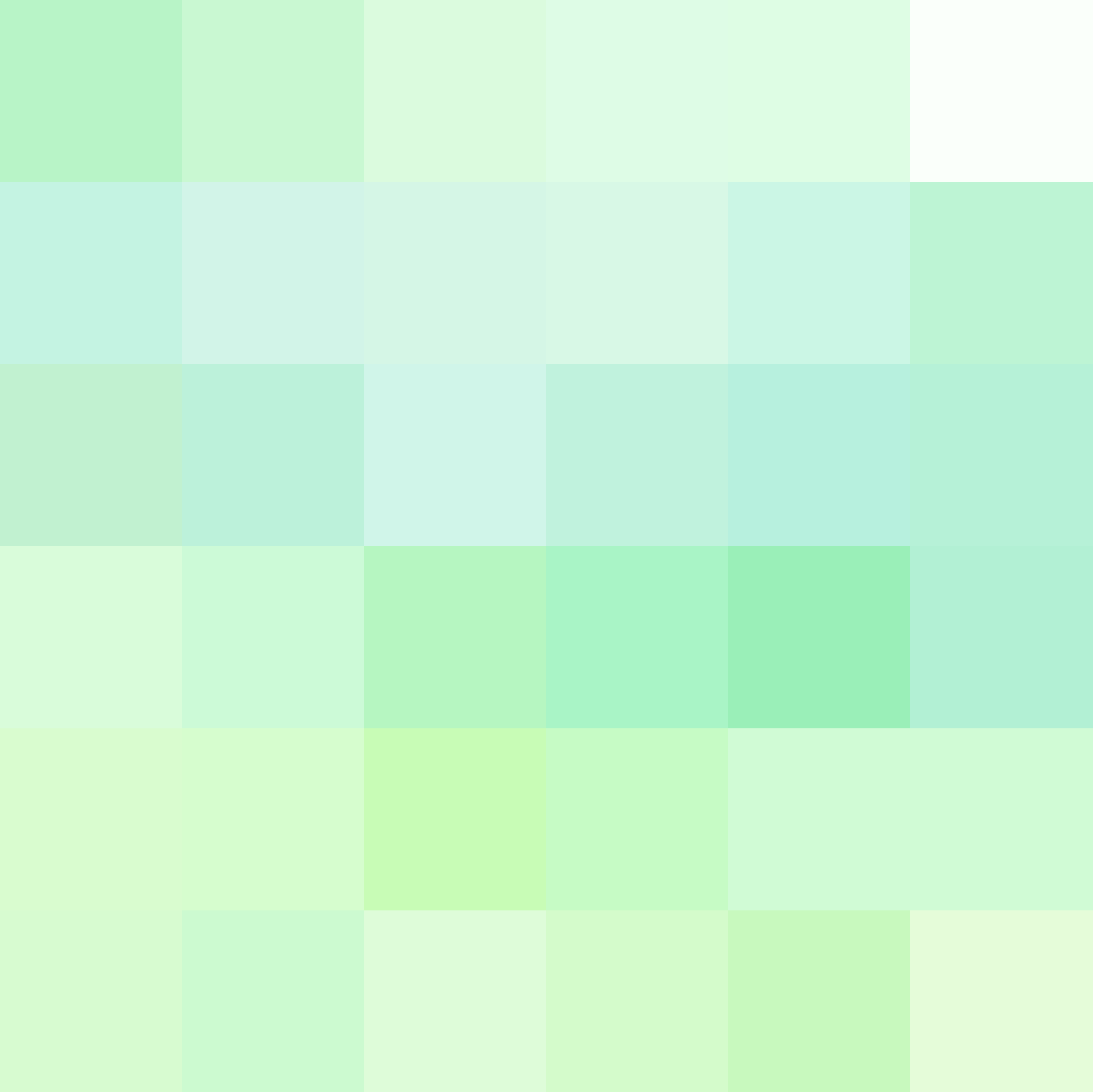
The cells in this 10 by 10 pixel grid form a colourful gradient. It is mostly magenta, and it also has quite some red, some rose, a bit of purple, and a tiny bit of orange in it.
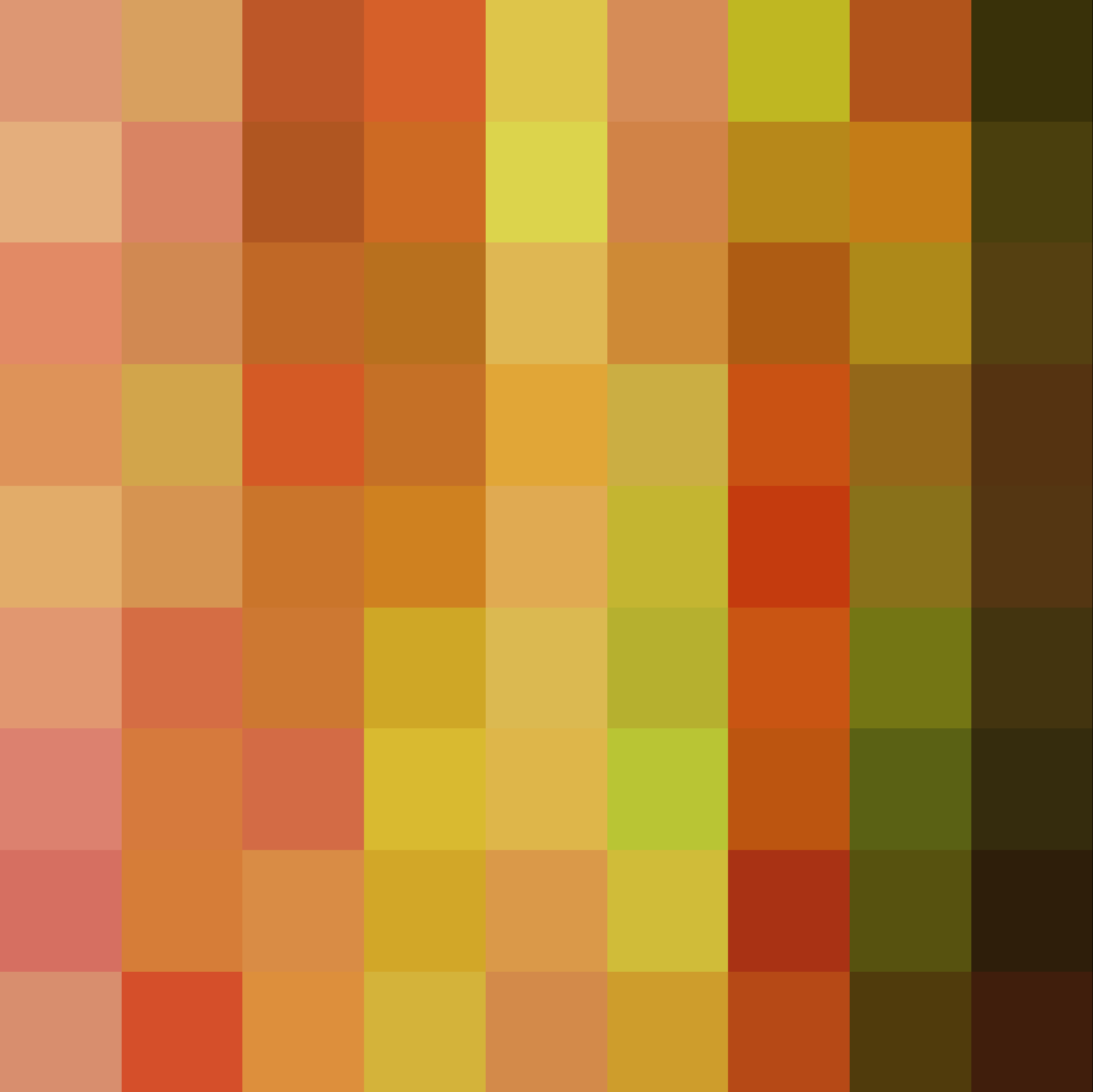
This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, and it also has a lot of cyan in it.

The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has quite some blue, some cyan, a bit of indigo, a bit of purple, a little bit of violet, a little bit of yellow, a tiny bit of magenta, and a tiny bit of lime in it.
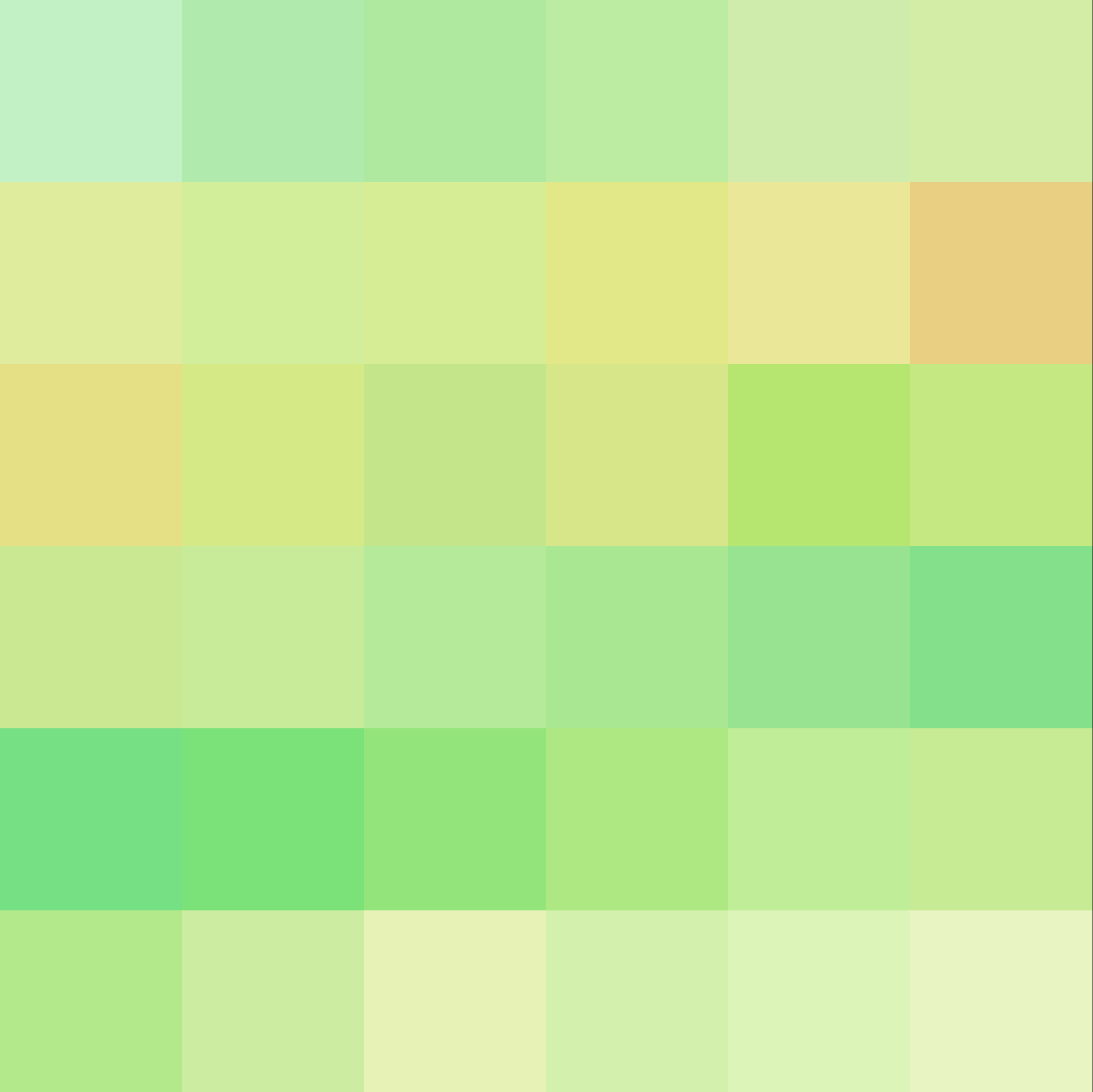
This monochrome gradient, generated in this 6 by 6 pixel grid, is green.

This gradient, generated in this 9 by 9 pixel grid, is mostly orange, but it also has quite some yellow, and a little bit of red in it.
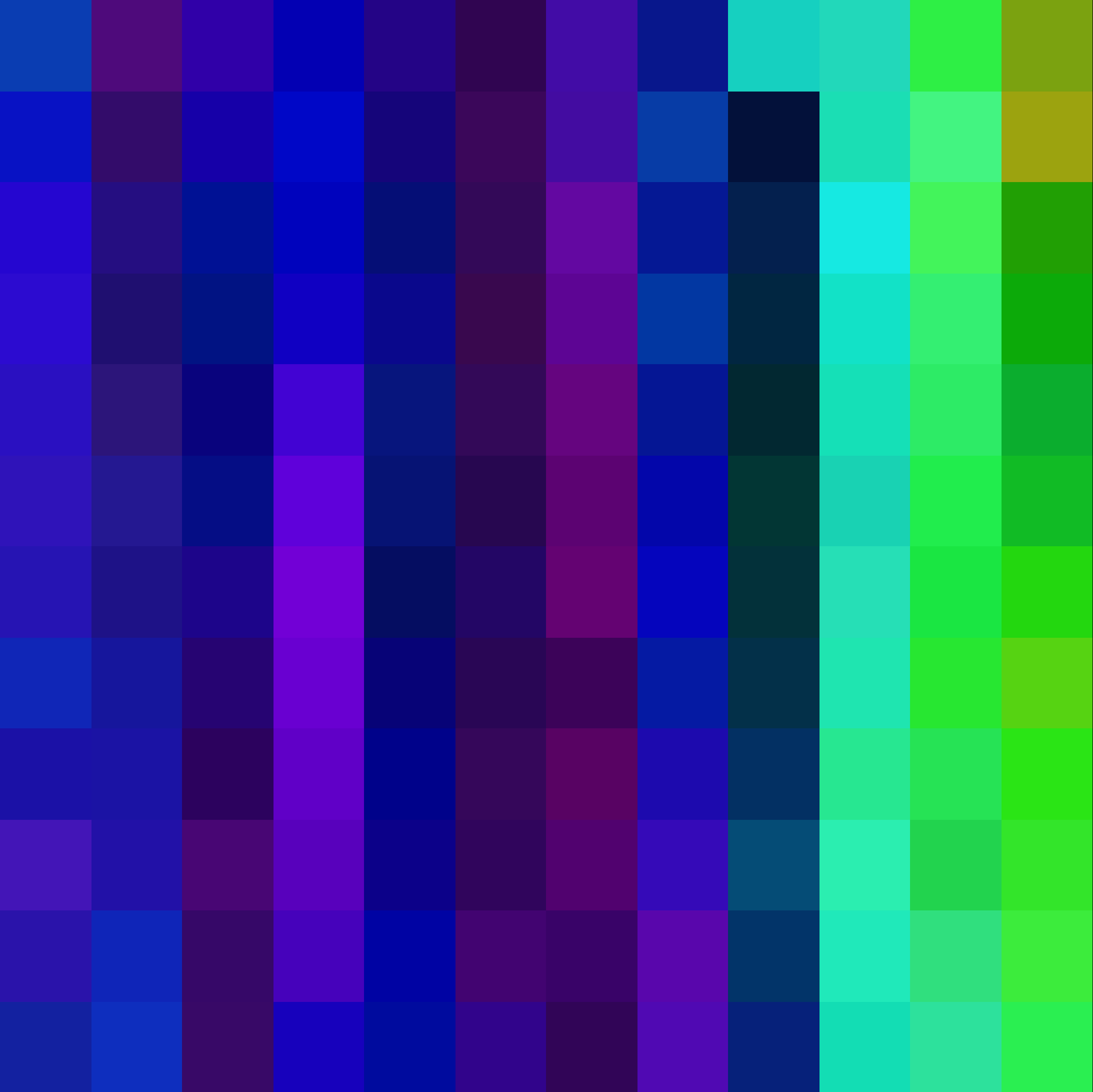
This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly red, but it also has some orange in it.

The gradient in this 6 by 6 pixel grid is mostly green, but it also has some yellow, some lime, and a little bit of orange in it.
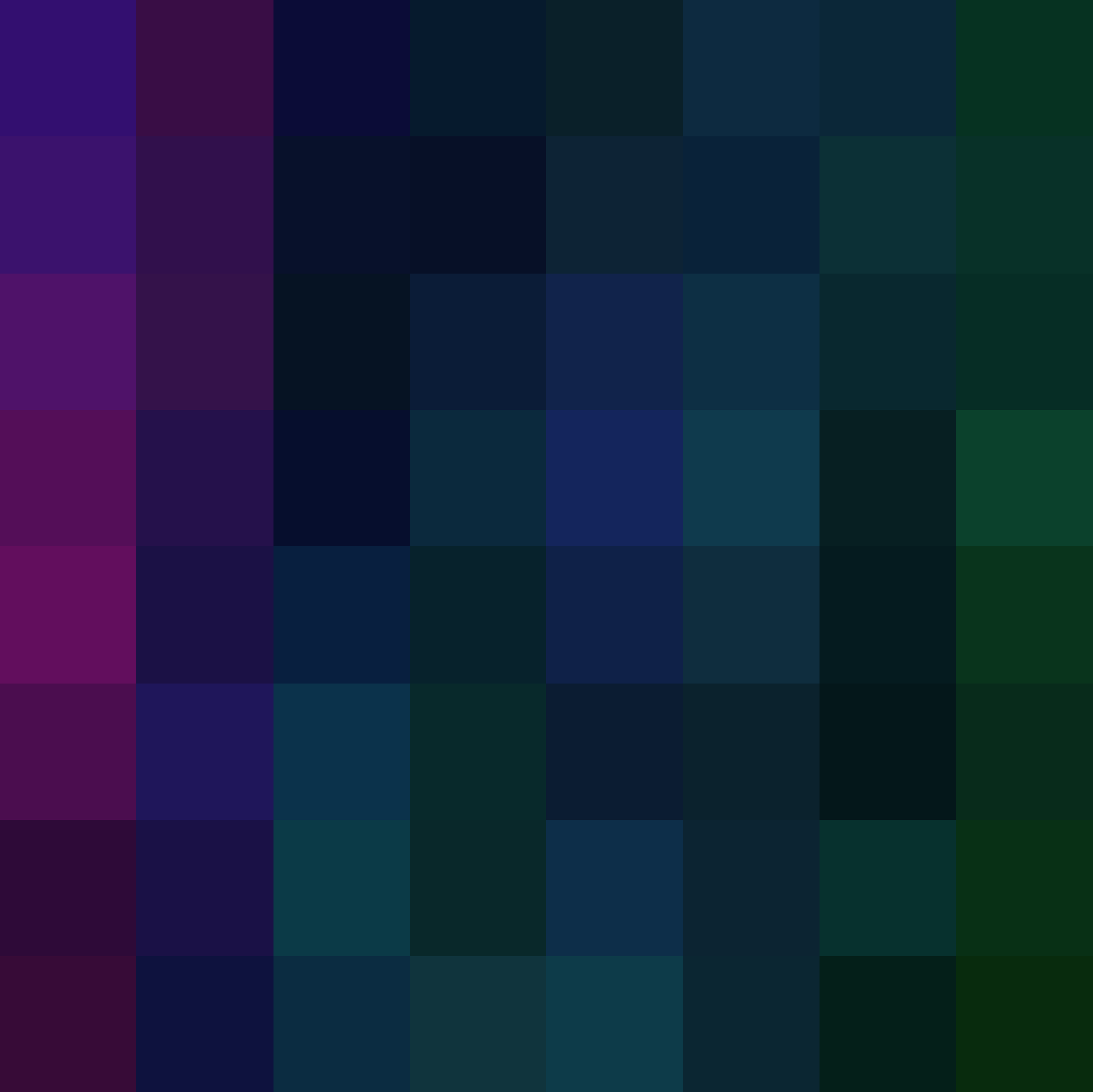
There's a pixel gradient in this 7 by 7 grid. It is mostly green, but it also has quite some yellow, some lime, and a tiny bit of orange in it.
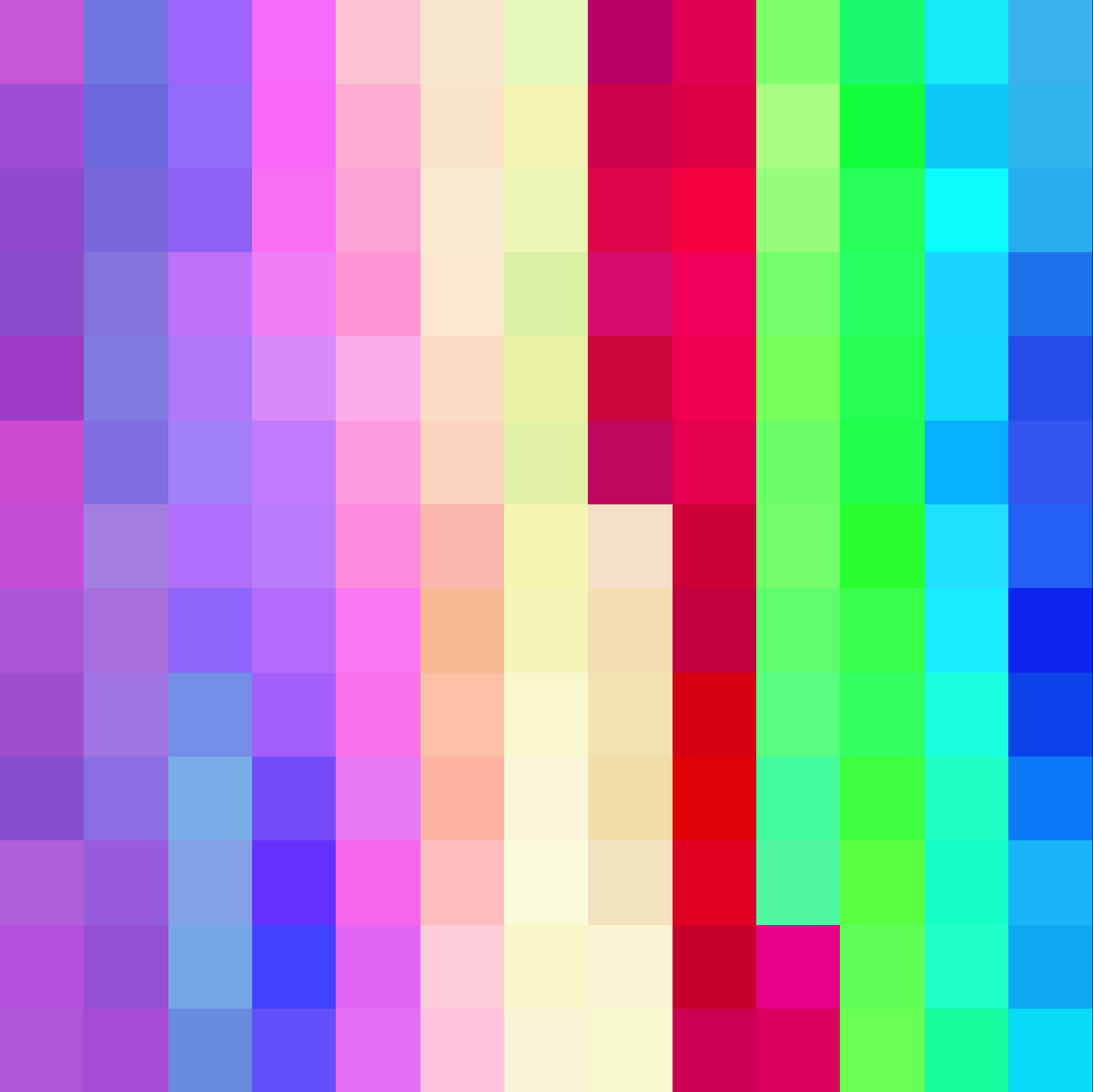
A very, very colourful grid of 144 blocks. It's mostly blue, and it also has quite some indigo, some green, some purple, some violet, a bit of cyan, a tiny bit of magenta, a tiny bit of yellow, and a tiny bit of lime in it.
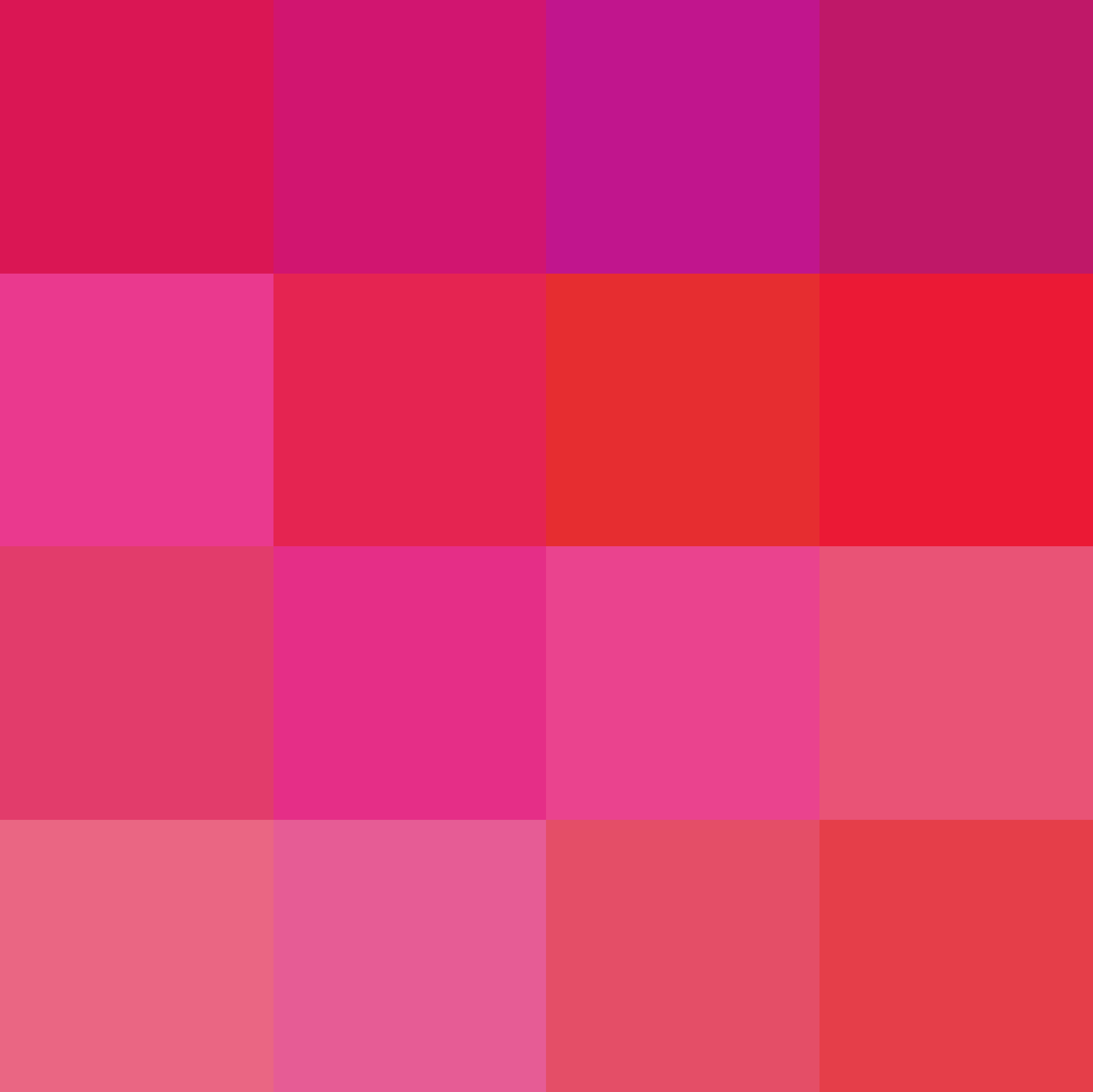
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some red, some magenta, a bit of rose, a bit of orange, a bit of yellow, a little bit of lime, and a tiny bit of purple in it.

This very colourful gradient, generated in this 8 by 8 pixel grid, is mostly blue, and it also has quite some cyan, a bit of green, a bit of purple, a little bit of magenta, a little bit of violet, and a little bit of indigo in it.
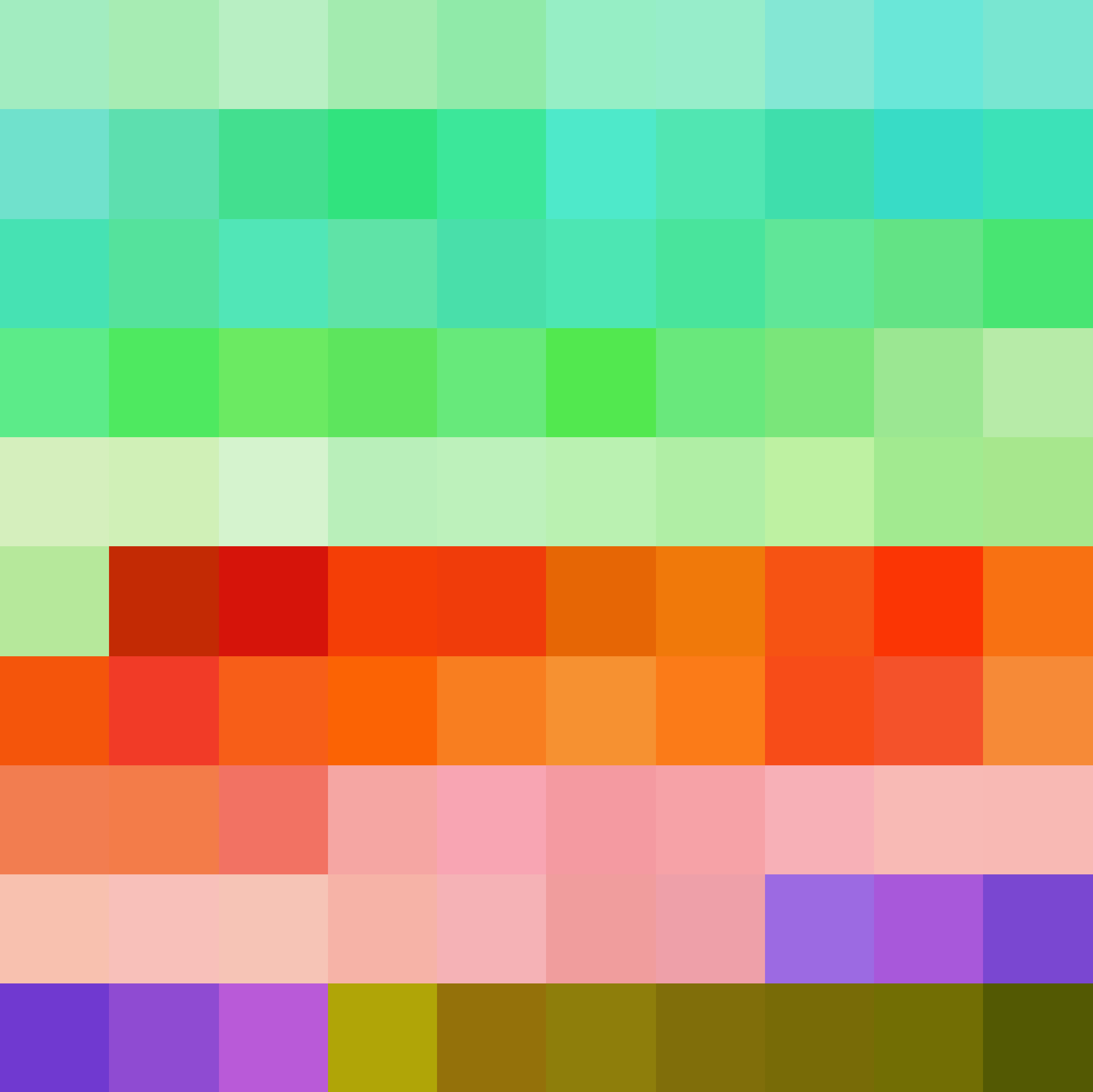
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly green, but it also has some magenta, some blue, a bit of rose, a bit of purple, a bit of indigo, a bit of orange, a bit of yellow, a bit of cyan, a little bit of violet, a little bit of red, and a tiny bit of lime in it.

A grid of 16 blocks. It's mostly rose, but it also has a lot of red, and a little bit of magenta 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 quite some green, and a bit of orange in it.

The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some red, some orange, a bit of cyan, a little bit of yellow, a little bit of violet, and a tiny bit of purple in it.

The colourful gradient in this 7 by 7 pixel grid is mostly purple, but it also has quite some blue, quite some cyan, a bit of violet, and a little bit of indigo in it.
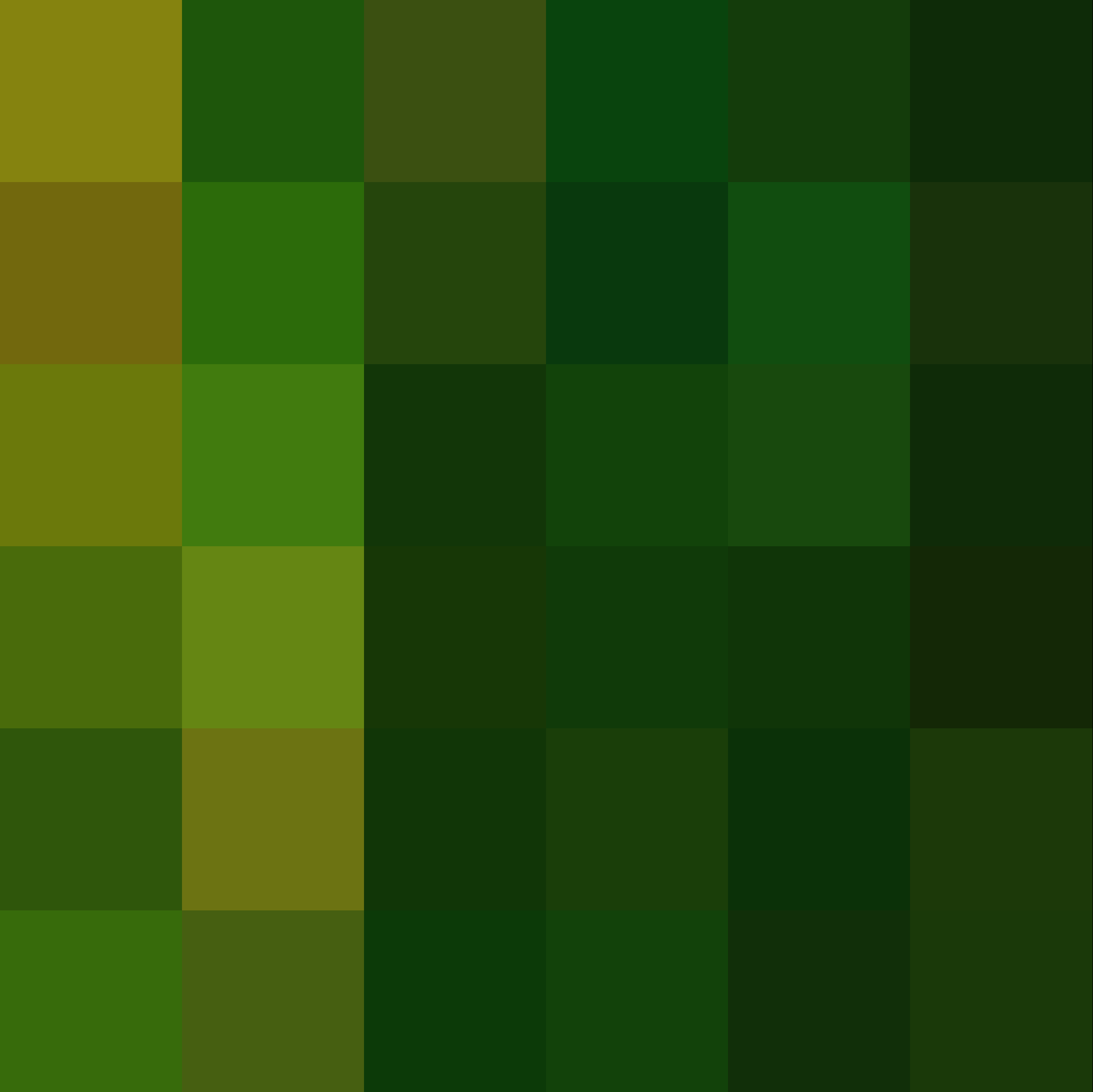
The cells in this 8 by 8 pixel grid form a gradient. It is mostly red, but it also has quite some orange, and a tiny bit of yellow in it.
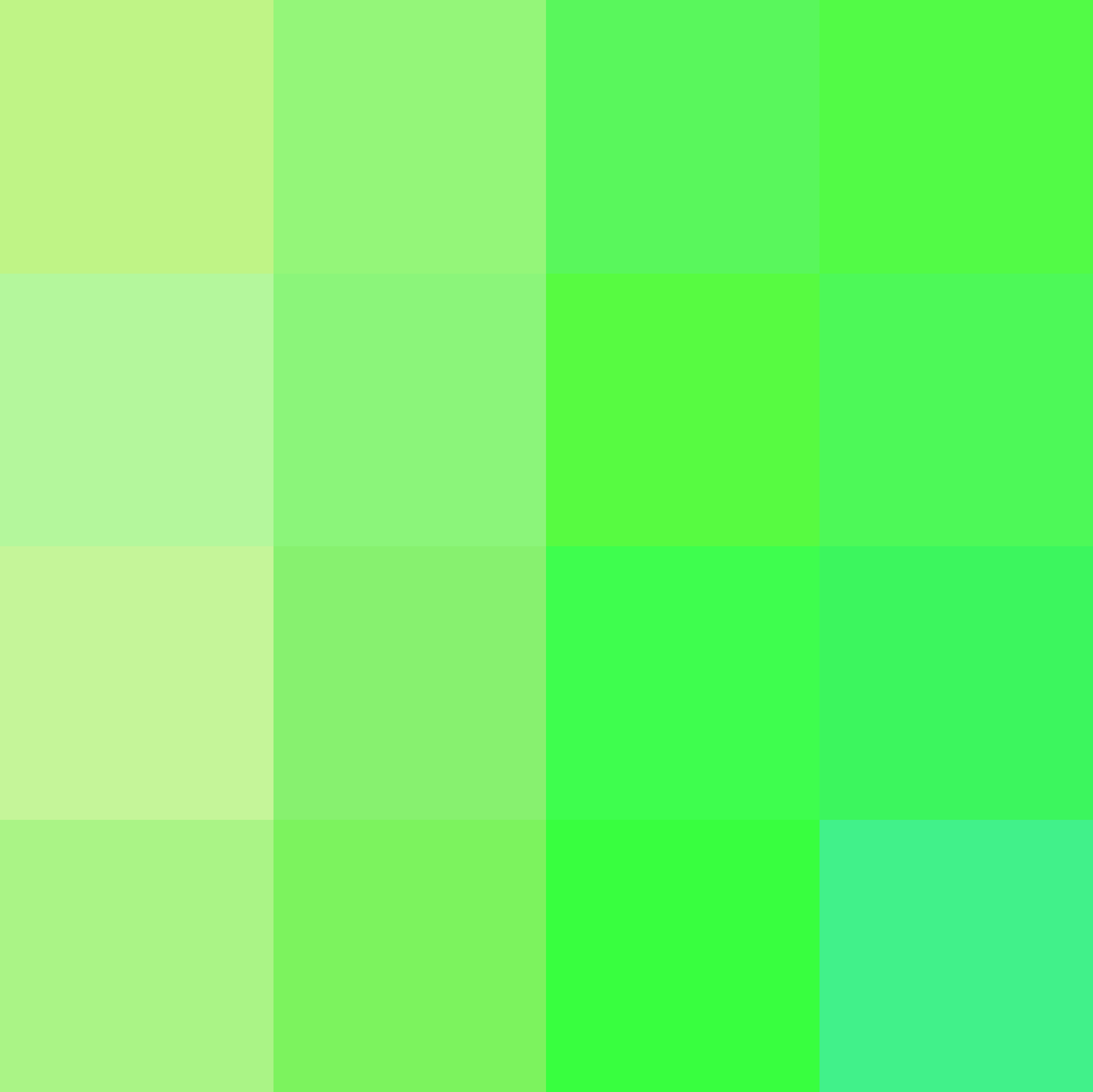
Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has quite some cyan, quite some orange, a bit of red, a little bit of blue, and a tiny bit of yellow in it.
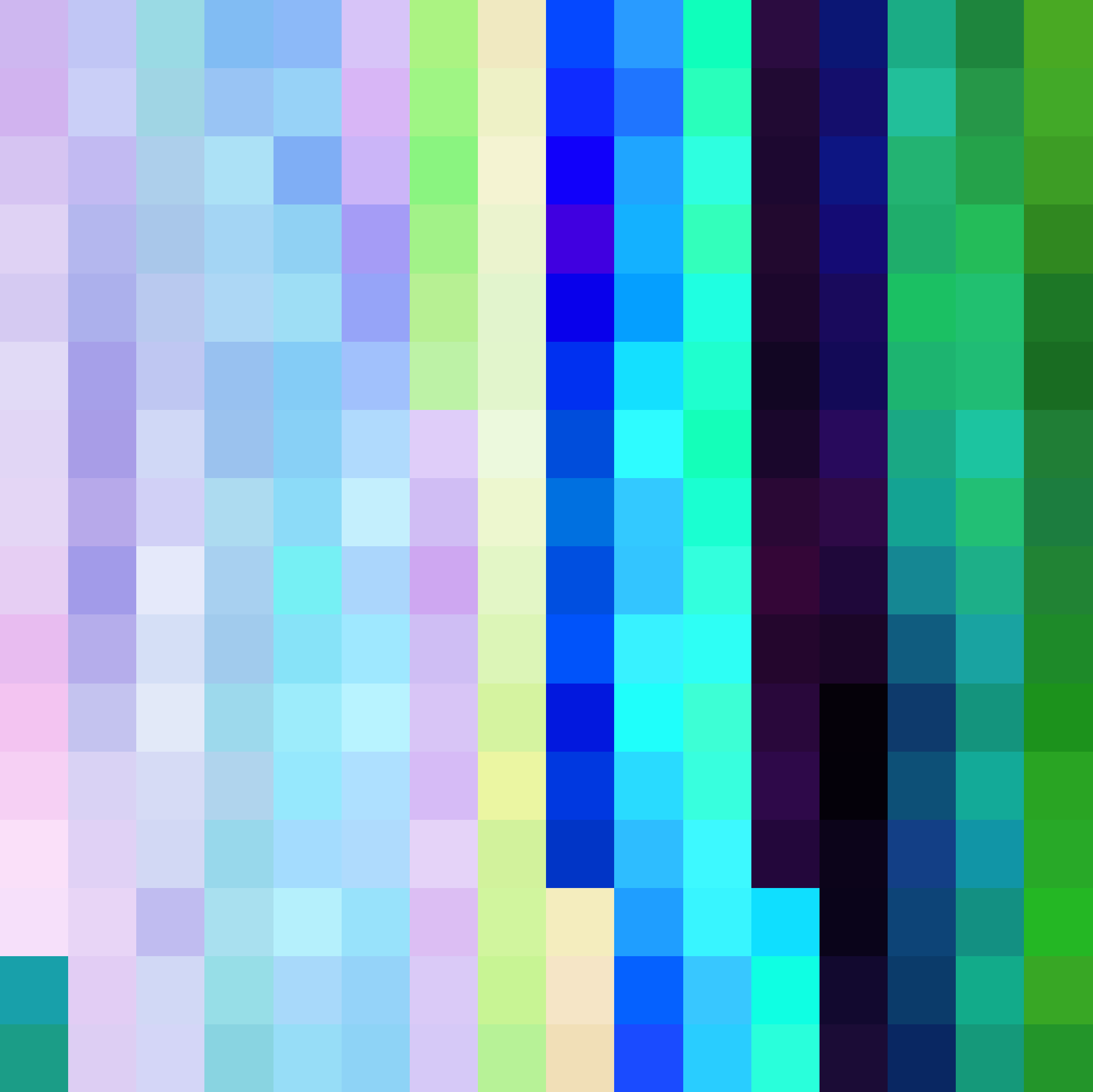
This colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly red, and it also has some green, a little bit of lime, a tiny bit of yellow, and a tiny bit of orange in it.

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

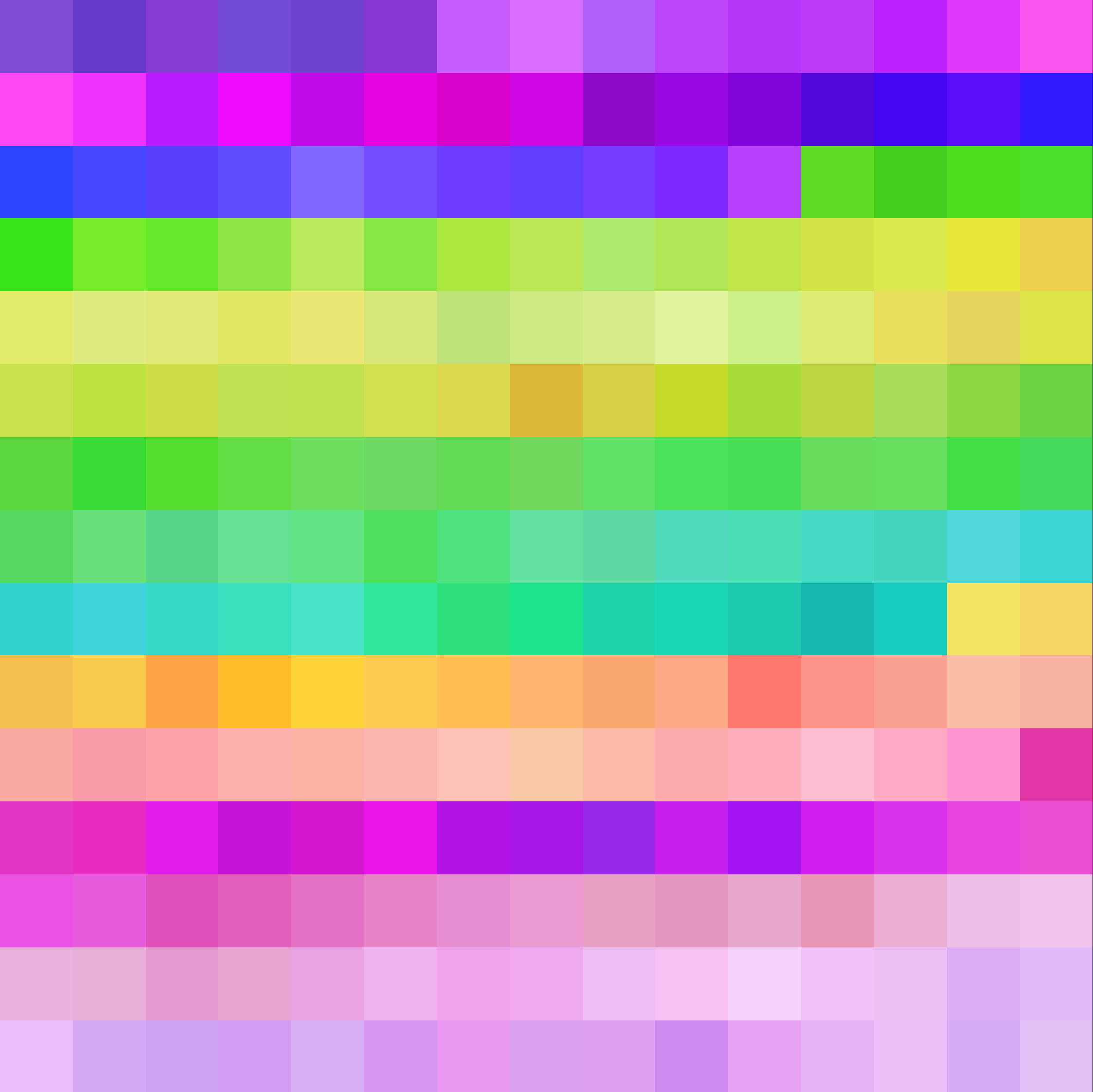This monochrome gradient, generated in this 4 by 4 pixel grid, is green.

A very, very colourful grid of 256 blocks. It's mostly blue, but it also has some green, some cyan, a bit of indigo, a bit of violet, a bit of purple, a tiny bit of yellow, a tiny bit of magenta, a tiny bit of lime, and a tiny bit of orange in it.
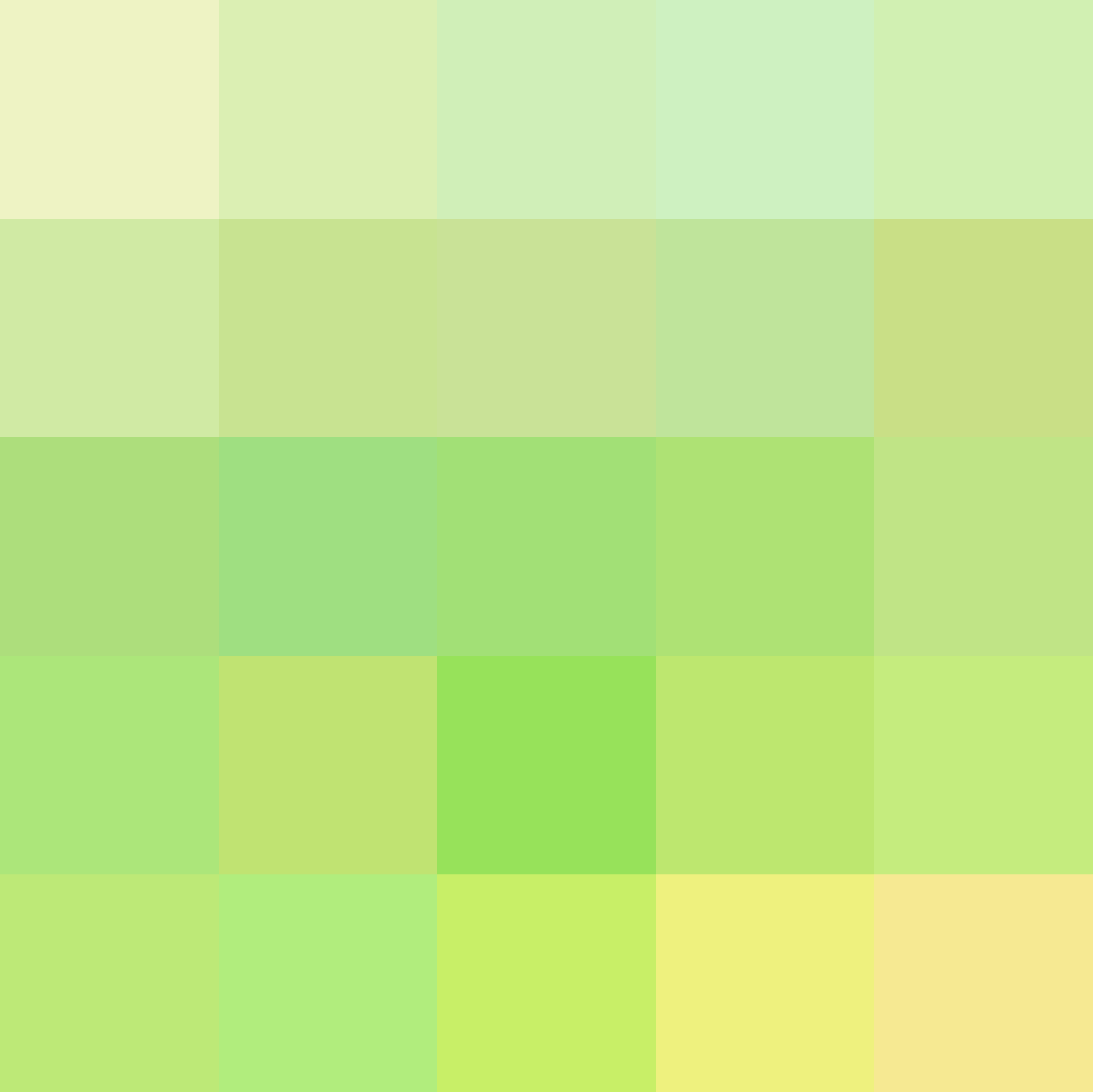
A grid with 25 coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, and it also has quite some yellow, quite some lime, a bit of violet, a bit of indigo, a bit of magenta, and a bit of green in it.
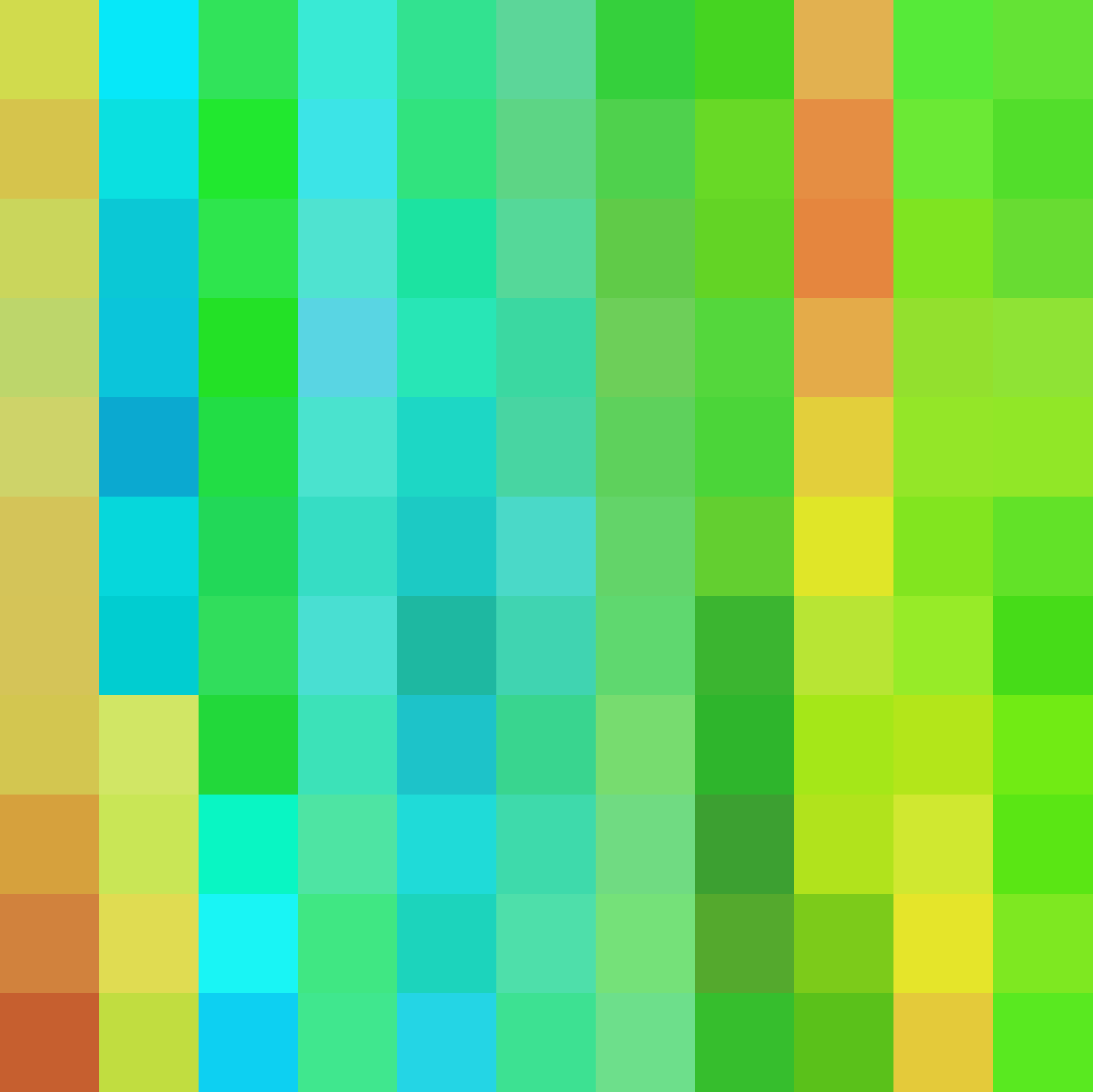
There's a pixel gradient in this 5 by 5 grid. It is mostly blue, and it also has quite some cyan, and quite some indigo in it.

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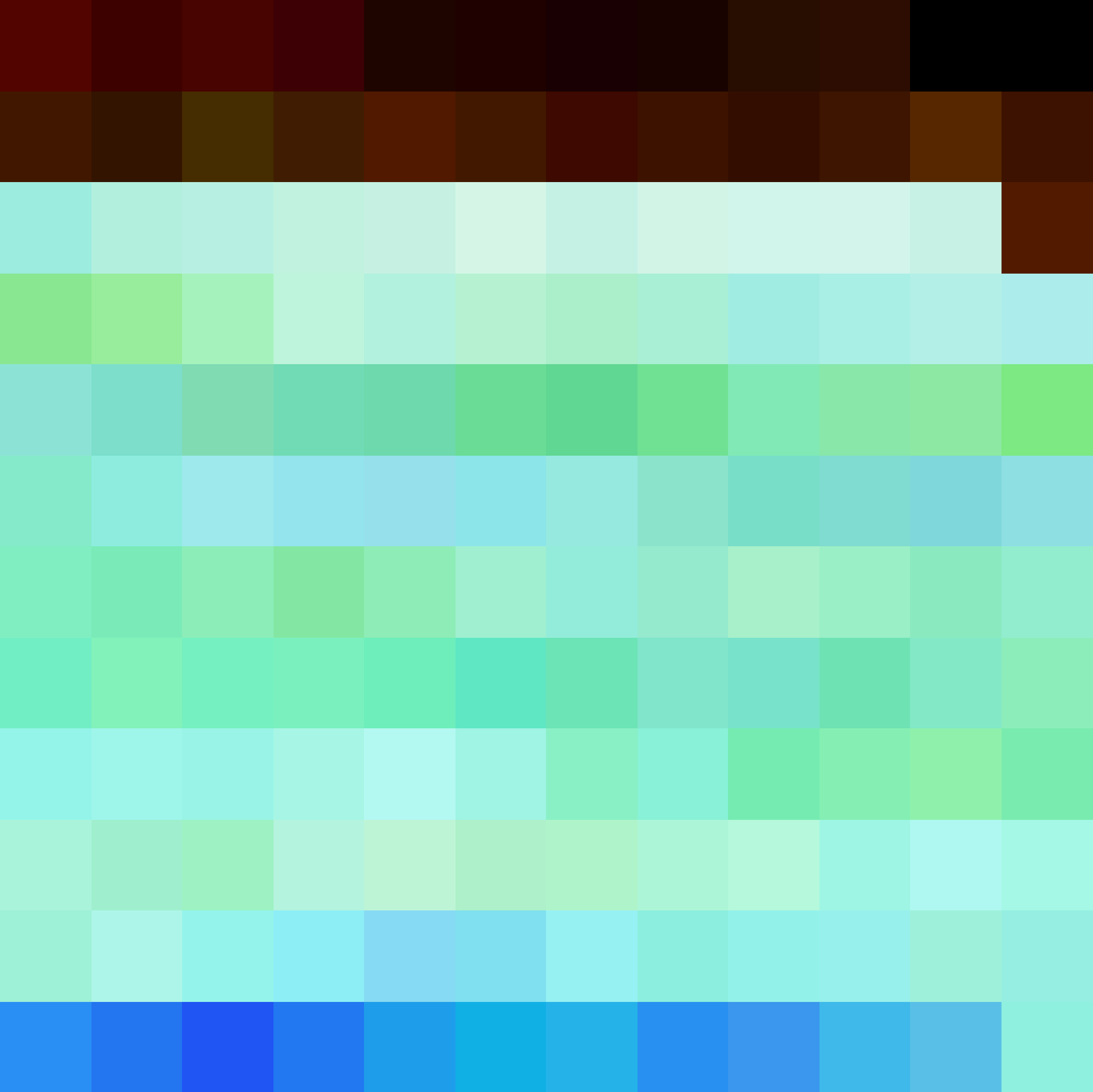
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has some yellow, and some lime in it.

A grid with 121 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, some yellow, a little bit of orange, and a little bit of lime in it.
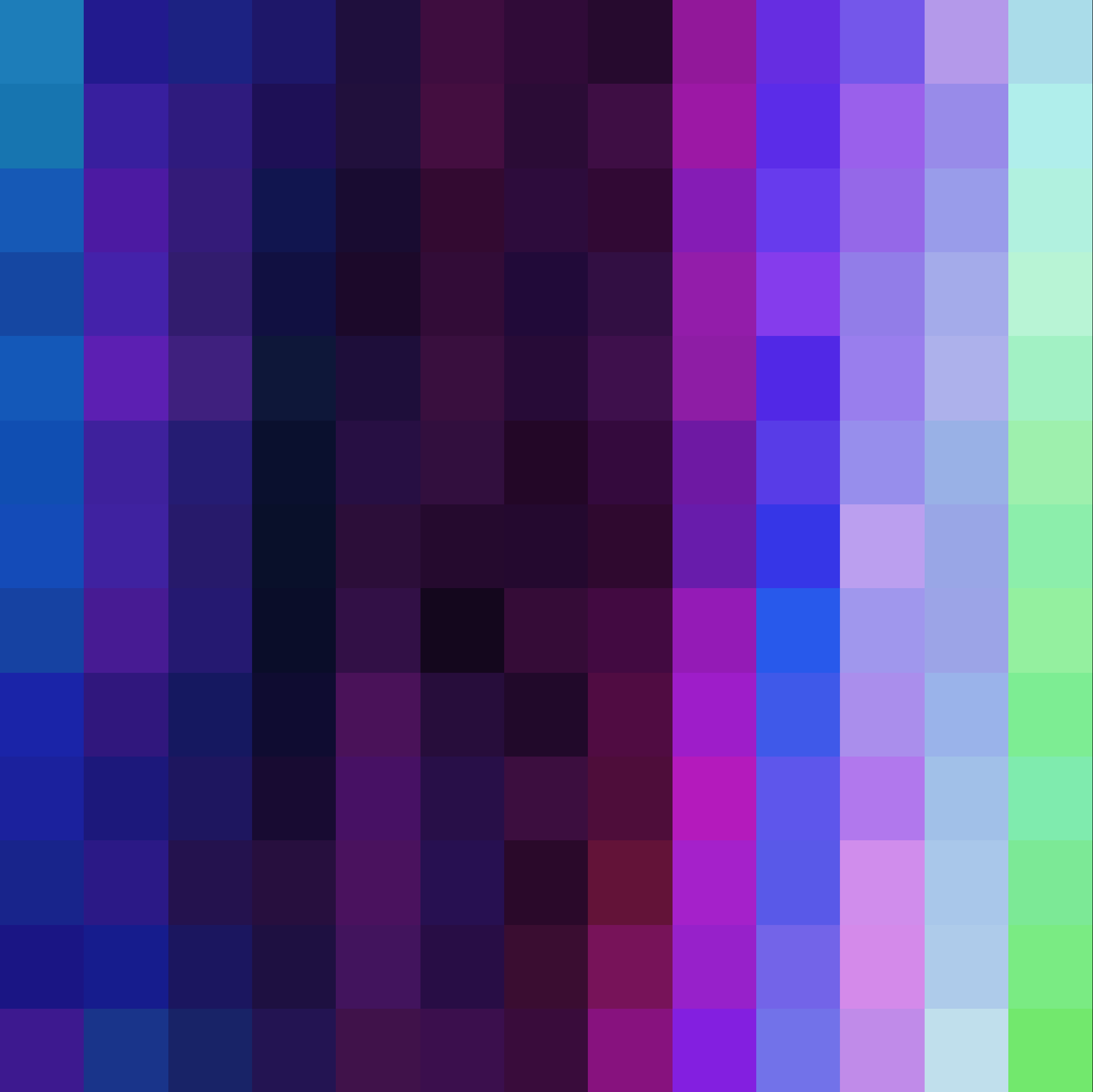
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly purple, but it also has some magenta, some yellow, some green, a bit of orange, a little bit of indigo, a little bit of violet, a little bit of blue, a little bit of rose, a little bit of lime, and a tiny bit of red in it.
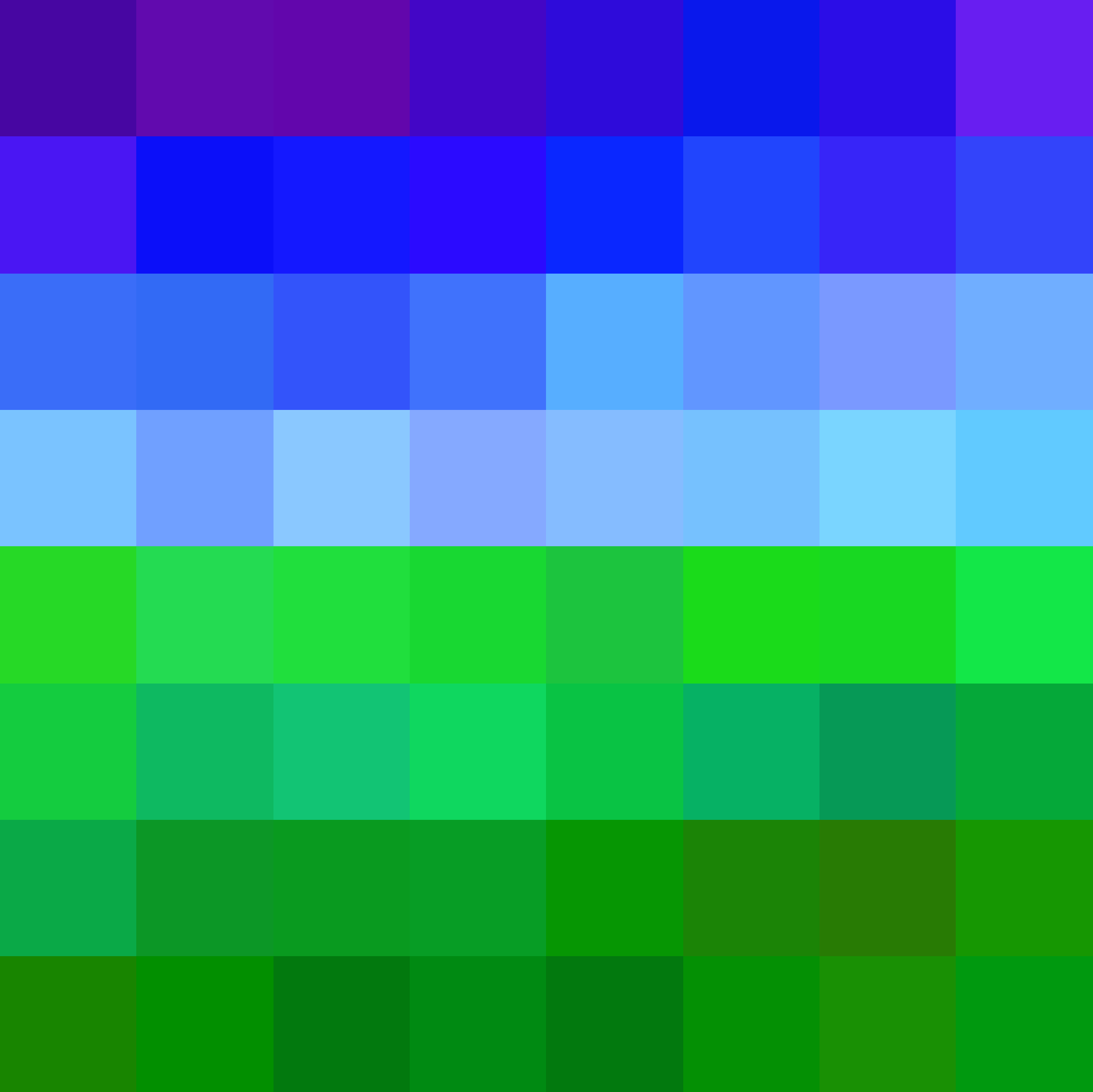
The cells in this 12 by 12 pixel grid form a colourful gradient. It is mostly green, but it also has quite some cyan, a bit of orange, a bit of blue, and a bit of red in it.
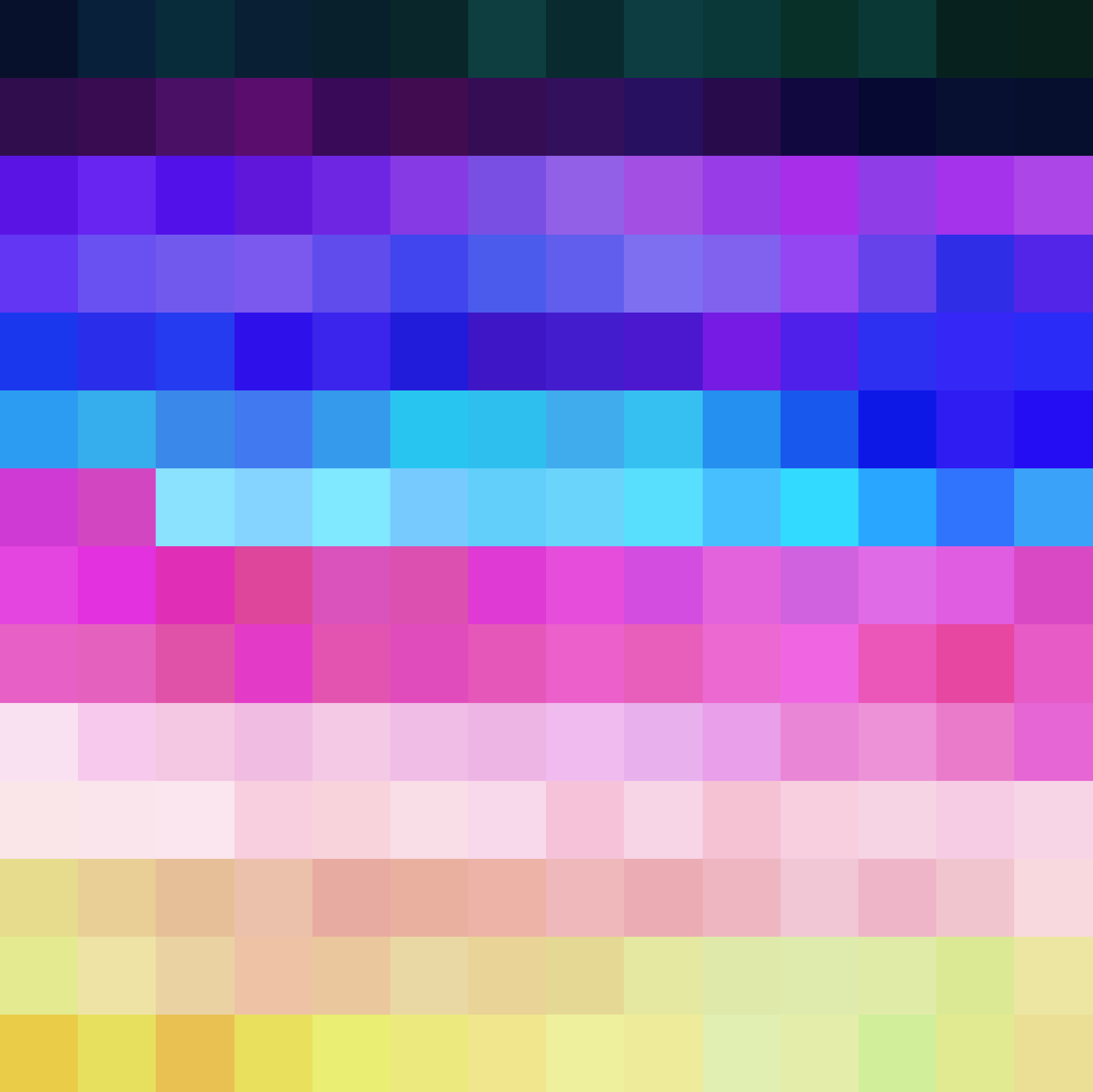
The very, very colourful gradient in this 14 by 14 pixel grid is mostly magenta, but it also has some red, some purple, a bit of rose, a bit of orange, a little bit of cyan, a little bit of violet, a little bit of green, a little bit of indigo, and a little bit of blue in it.
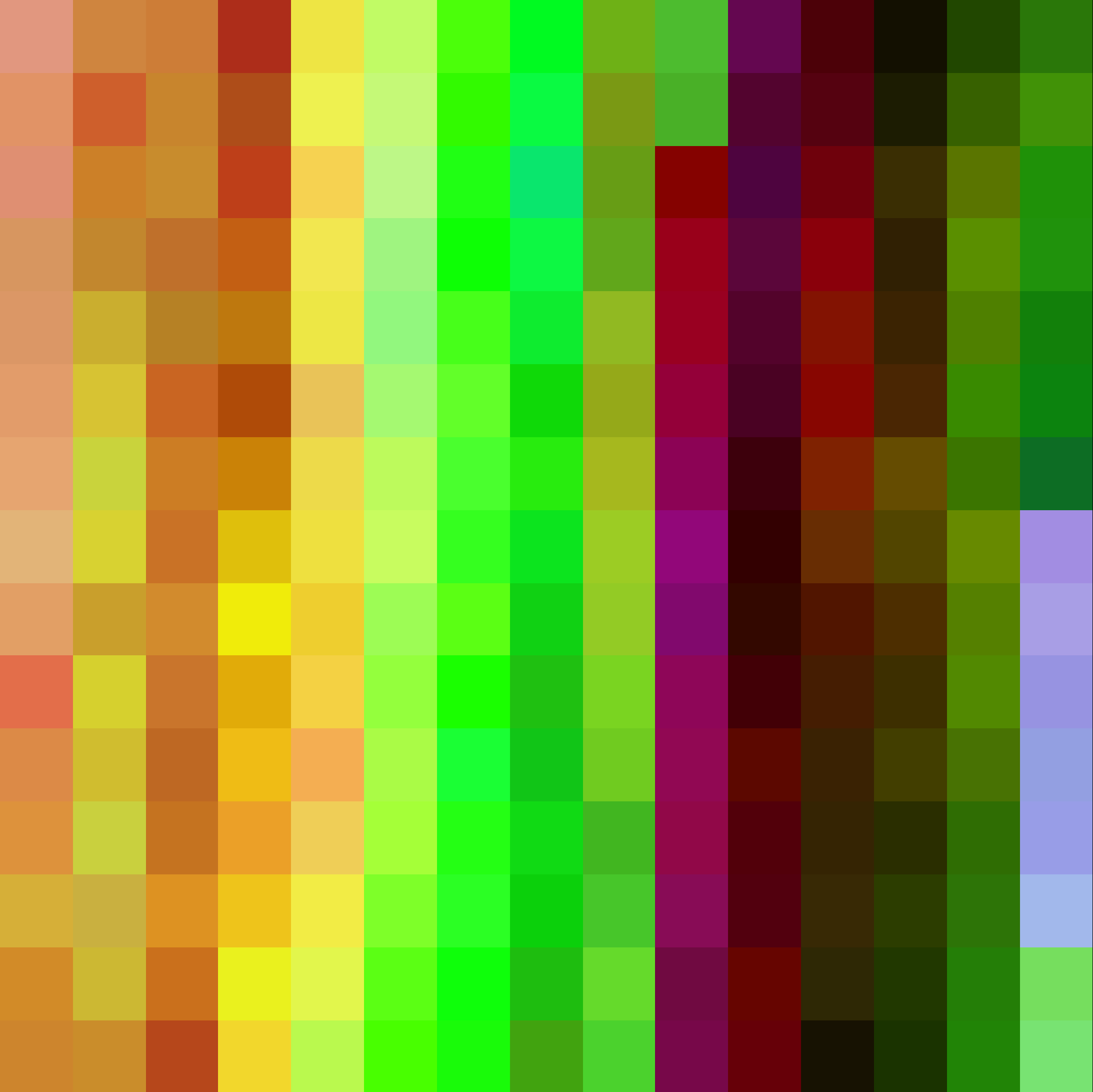
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly indigo, and it also has quite some blue, quite some purple, some magenta, a bit of violet, a bit of green, a tiny bit of cyan, and a tiny bit of rose in it.
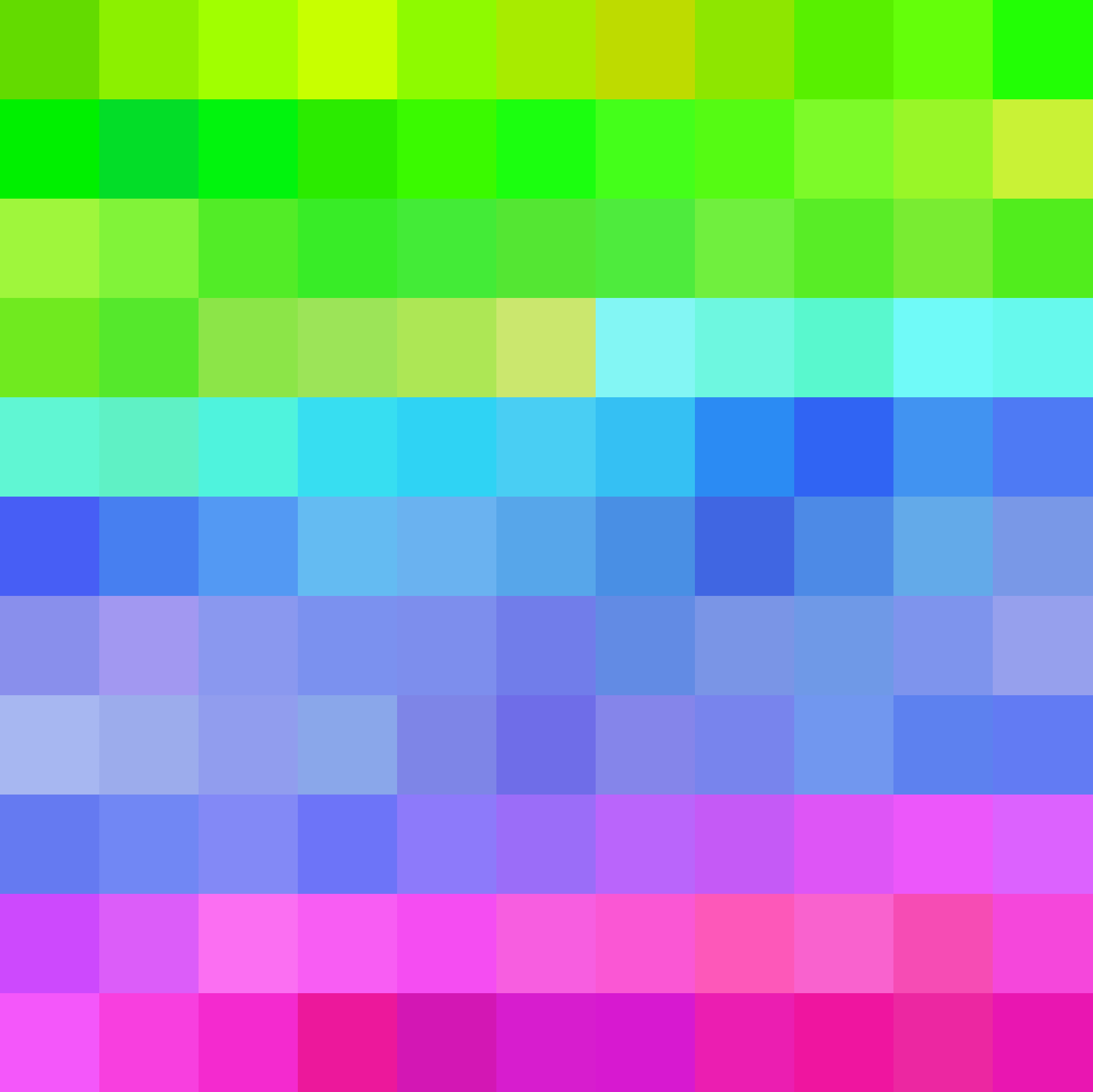
The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly green, and it also has quite some blue, a bit of indigo, a little bit of violet, and a little bit of purple in it.
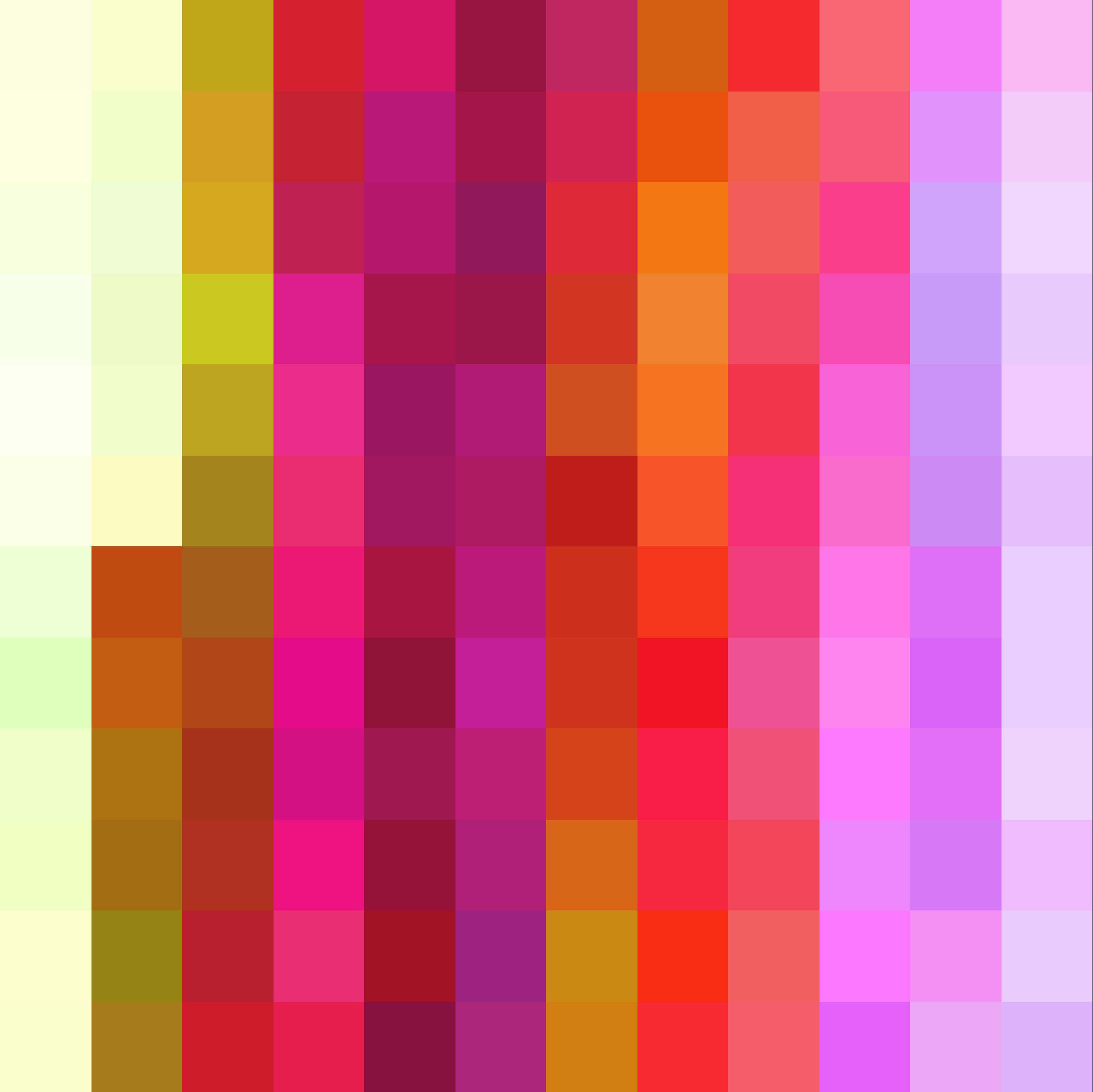
A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has some blue, some indigo, a bit of yellow, a little bit of cyan, a little bit of purple, a little bit of rose, a little bit of red, a little bit of violet, a little bit of orange, a tiny bit of green, and a tiny bit of lime in it.

The very colourful gradient in this 15 by 15 pixel grid is mostly green, and it also has quite some orange, some red, some yellow, a little bit of lime, a tiny bit of indigo, and a tiny bit of blue in it.
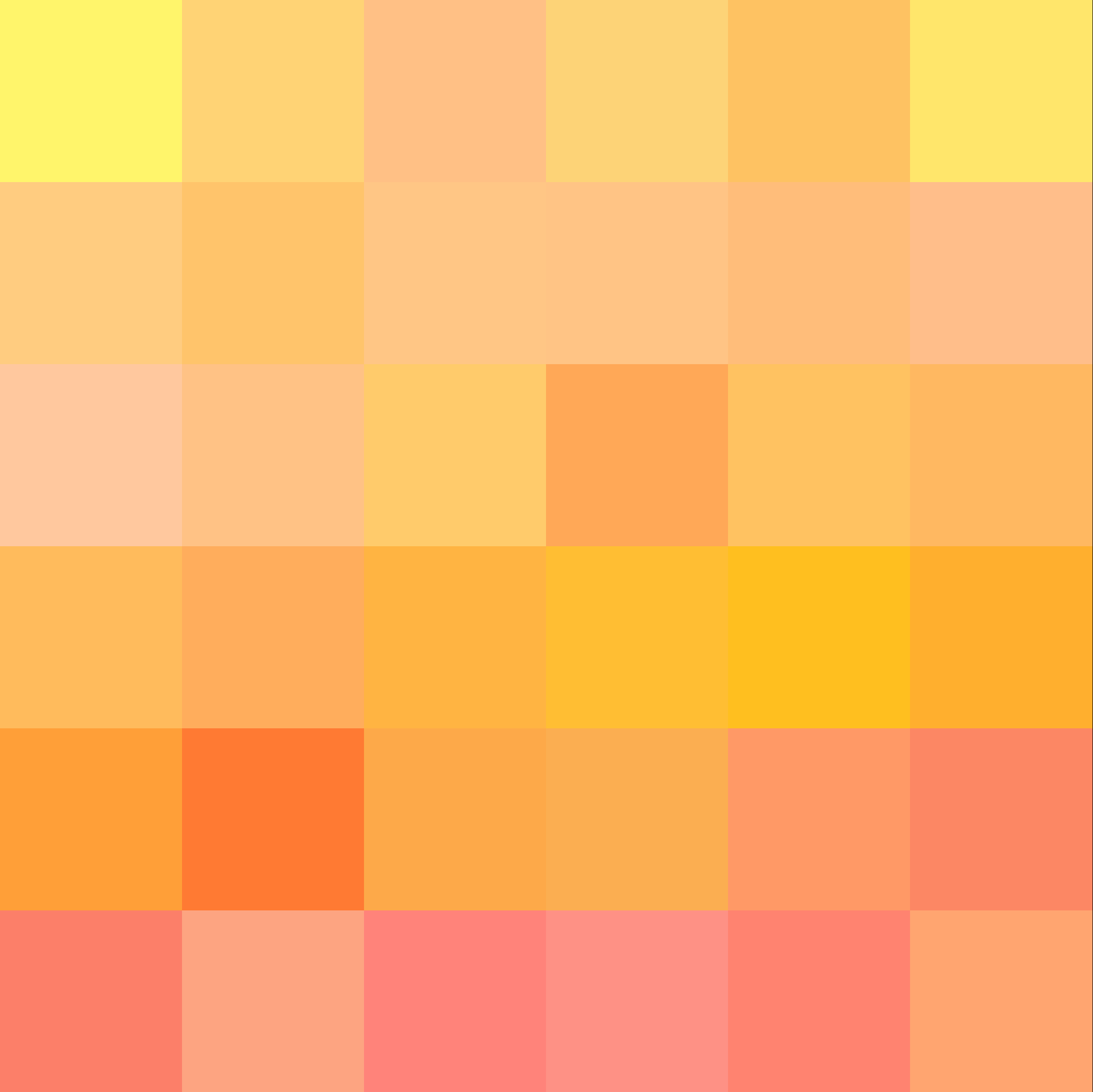
There's a very, very colourful pixel gradient in this 11 by 11 grid. It is mostly blue, and it also has quite some green, some magenta, a bit of cyan, a little bit of purple, a little bit of lime, a little bit of indigo, and a tiny bit of yellow in it.

A 12 by 12 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has some orange, a bit of yellow, a little bit of lime, and a tiny bit of green in it.
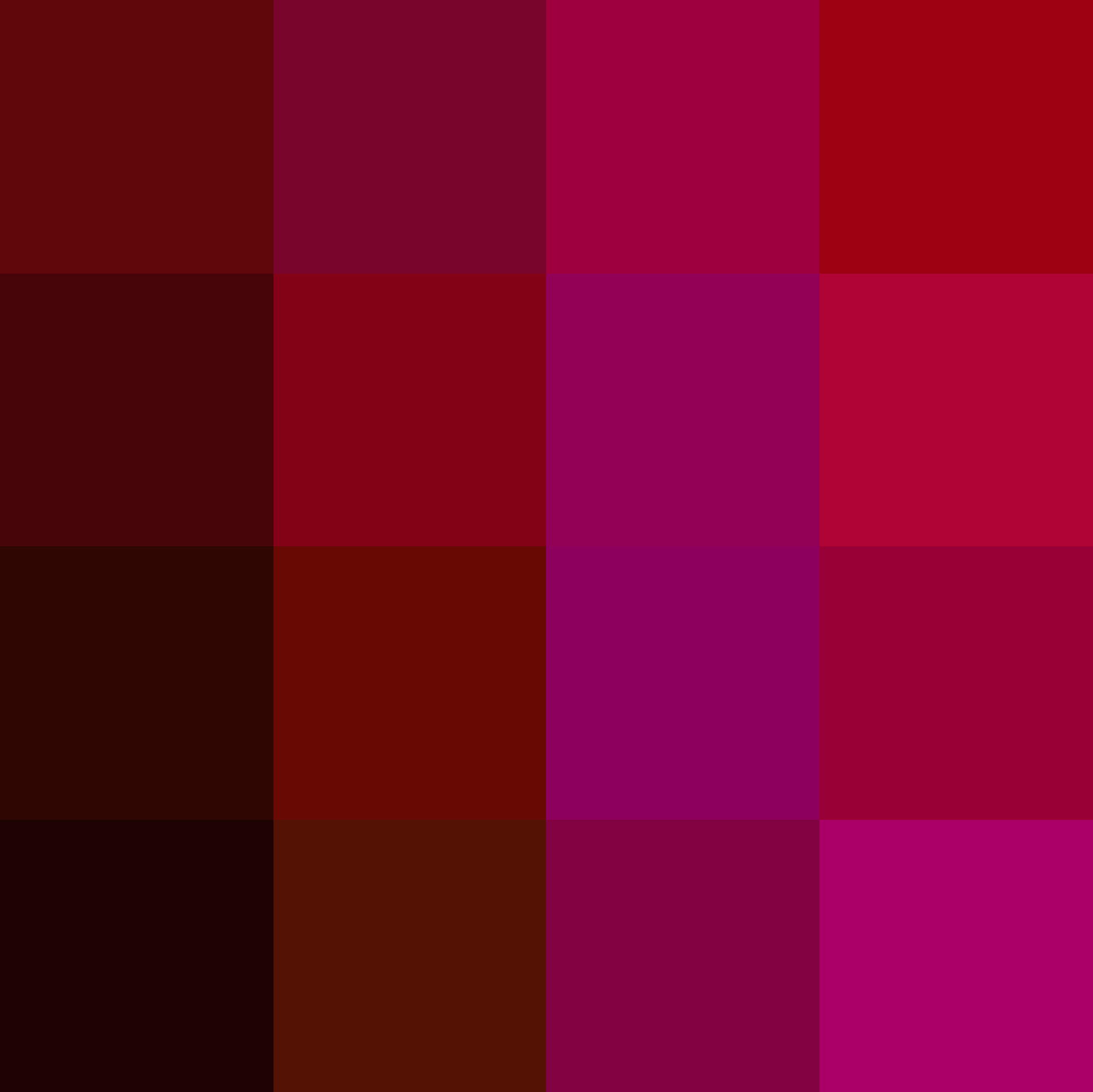
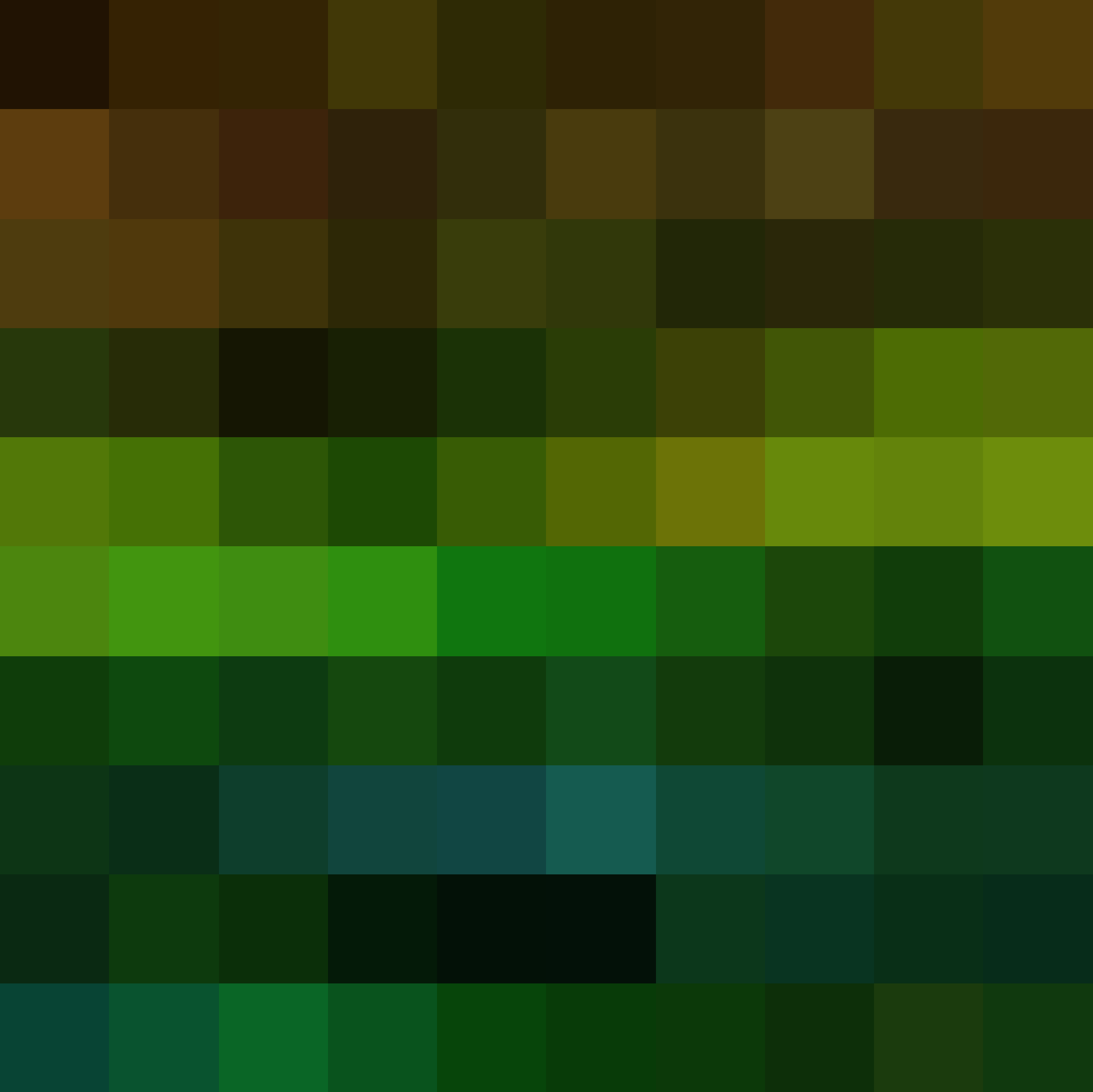This monochrome gradient, generated in this 5 by 5 pixel grid, is green.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly orange, and it also has some red, and a little bit of yellow in it.
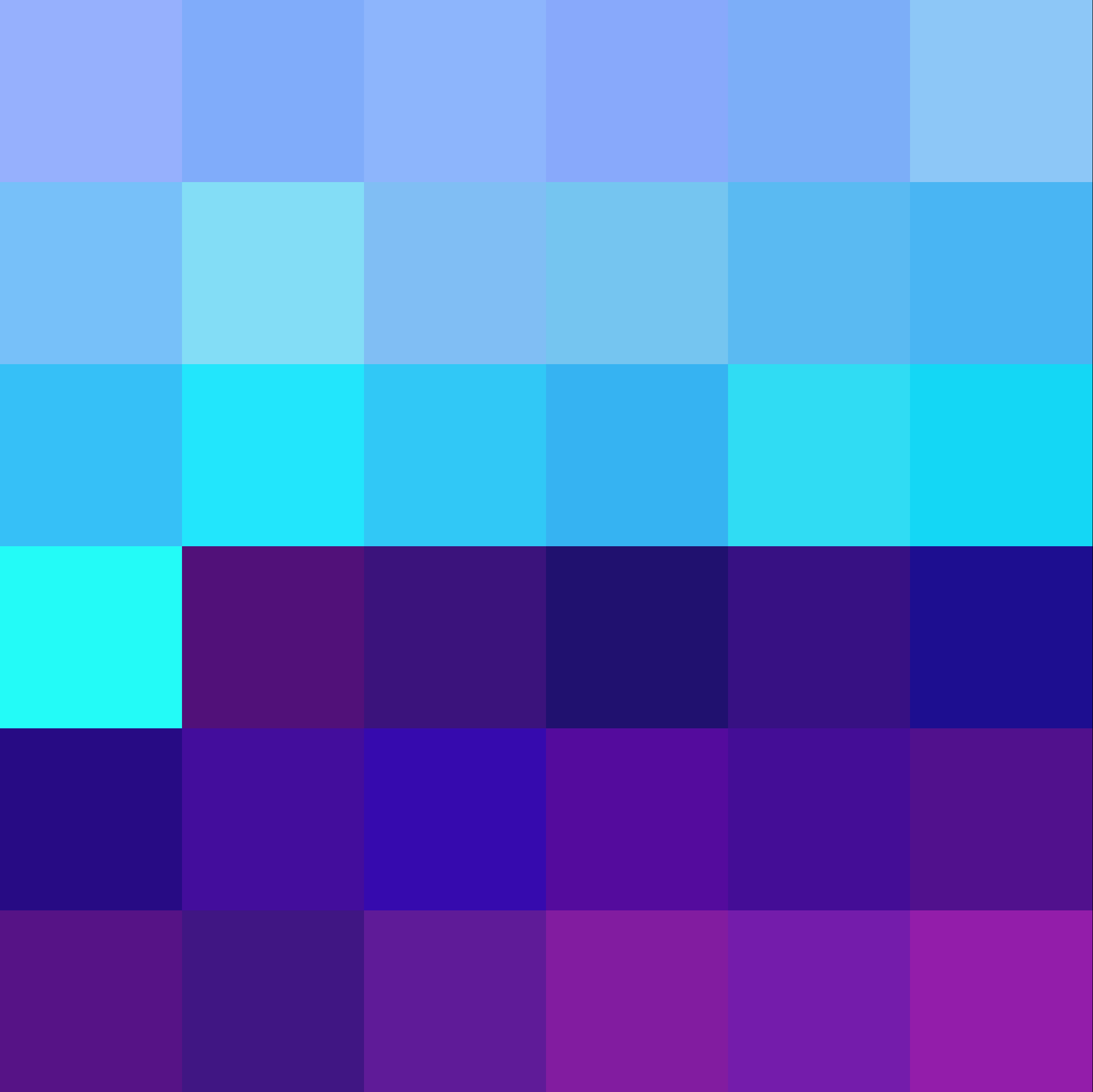
The very colourful gradient in this 10 by 10 pixel grid is mostly cyan, but it also has quite some blue, some purple, a bit of magenta, a bit of indigo, a little bit of green, and a little bit of violet in it.
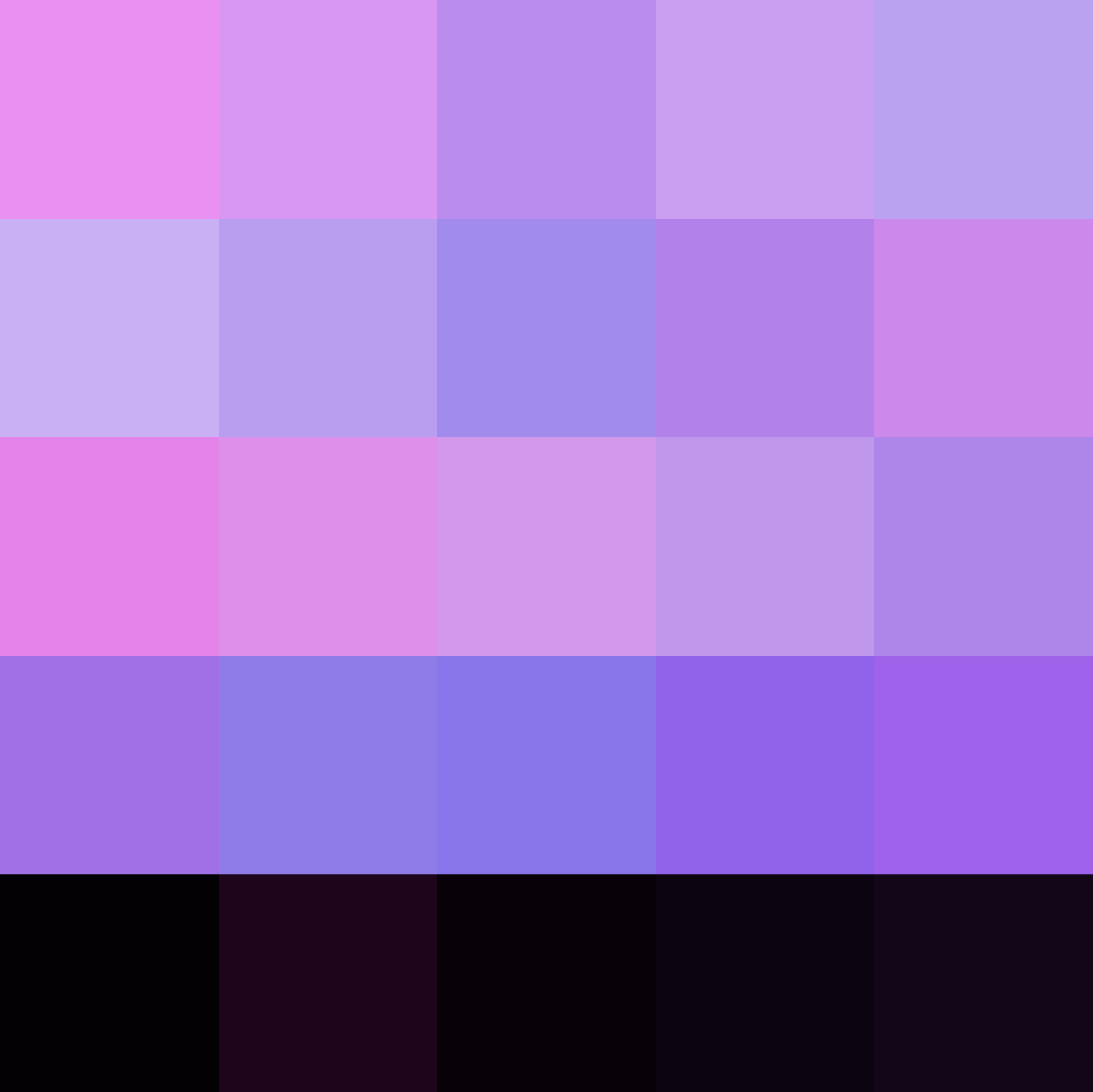
This monochrome pixel gradient—it is 4 cells wide, 4 cells high—is red.

A grid with 100 coloured squares that form a
colourful gradient. The colours are various
shades of mostly green, and it also has some
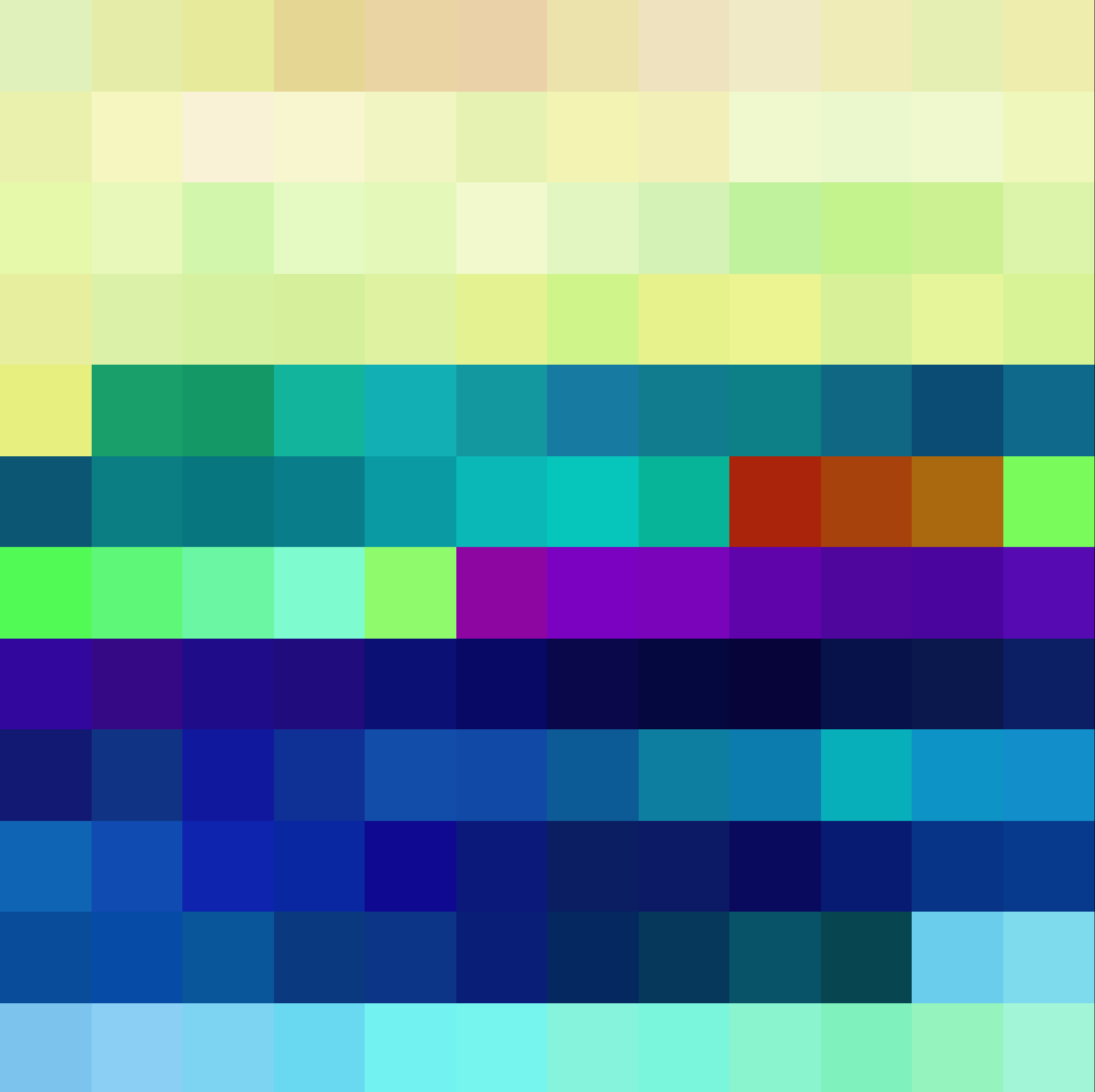yellow, some orange, a bit of lime, and a little bit
of cyan in it.

A 6 by 6 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has some purple, some cyan, some violet, and some indigo in it.
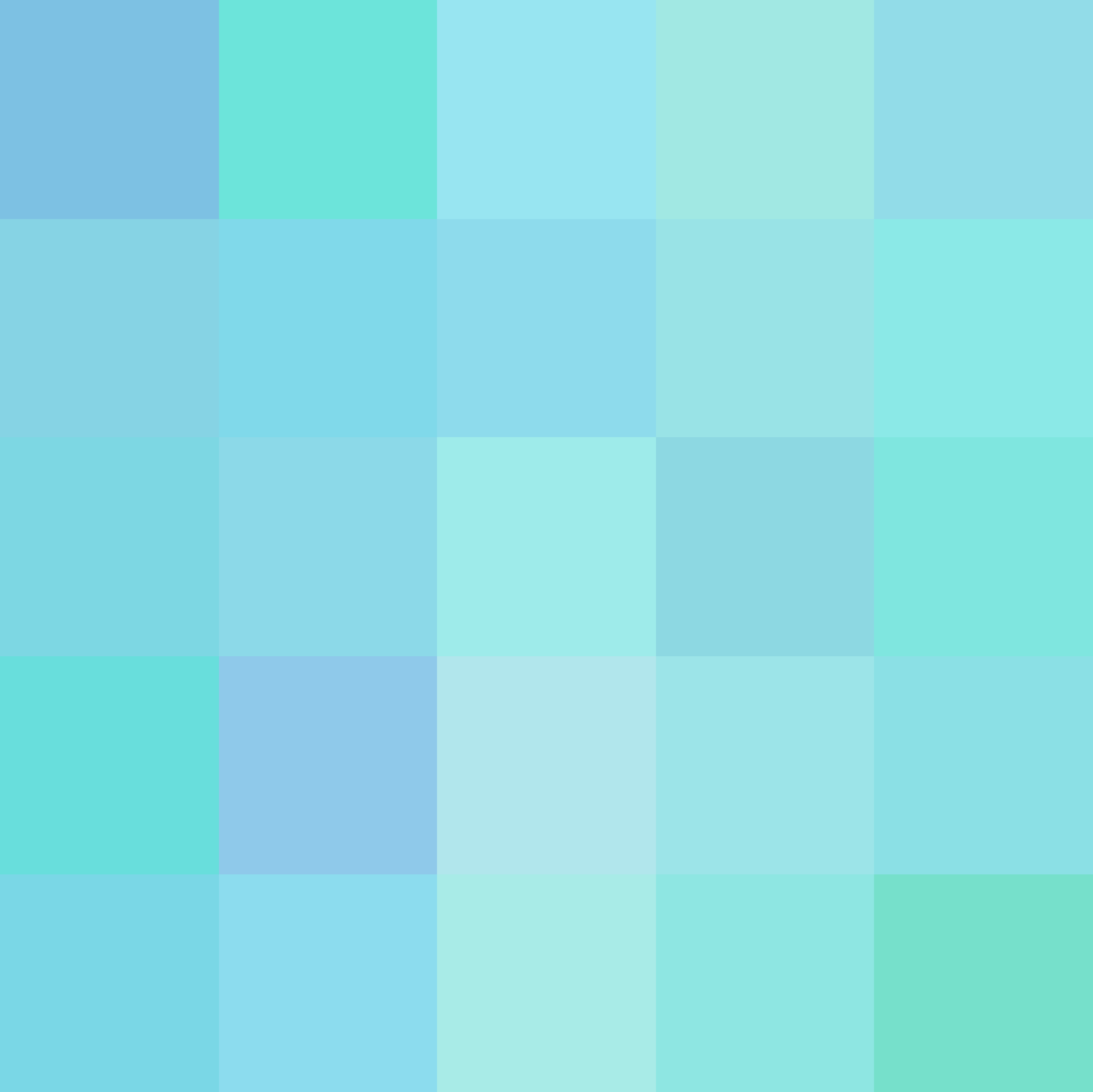
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly violet, but it also has quite some purple, quite some magenta, and quite some indigo in it.
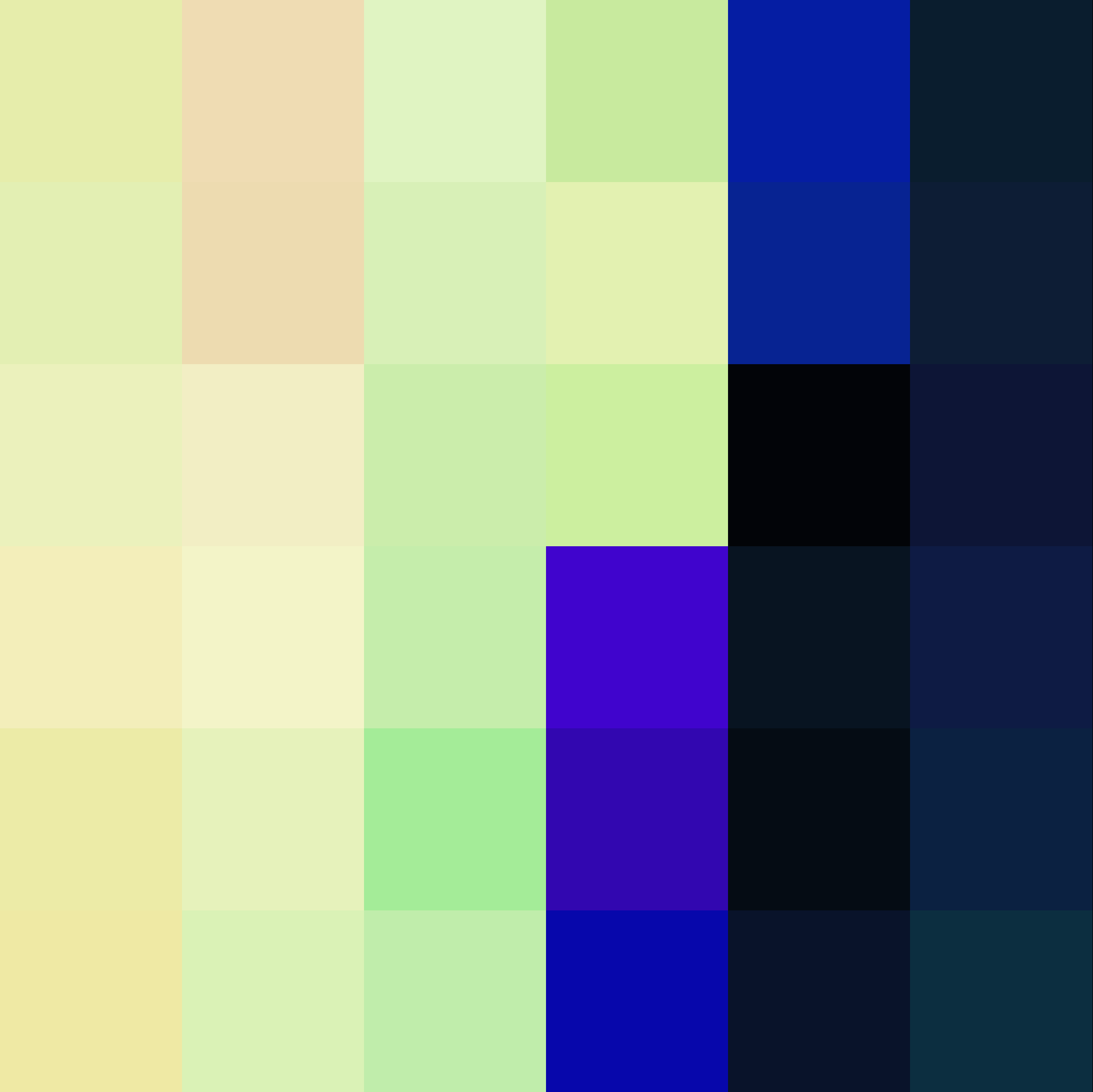
A grid of 64 blocks. It's mostly orange, but it also has quite some red, quite some yellow, and a tiny bit of lime in it.
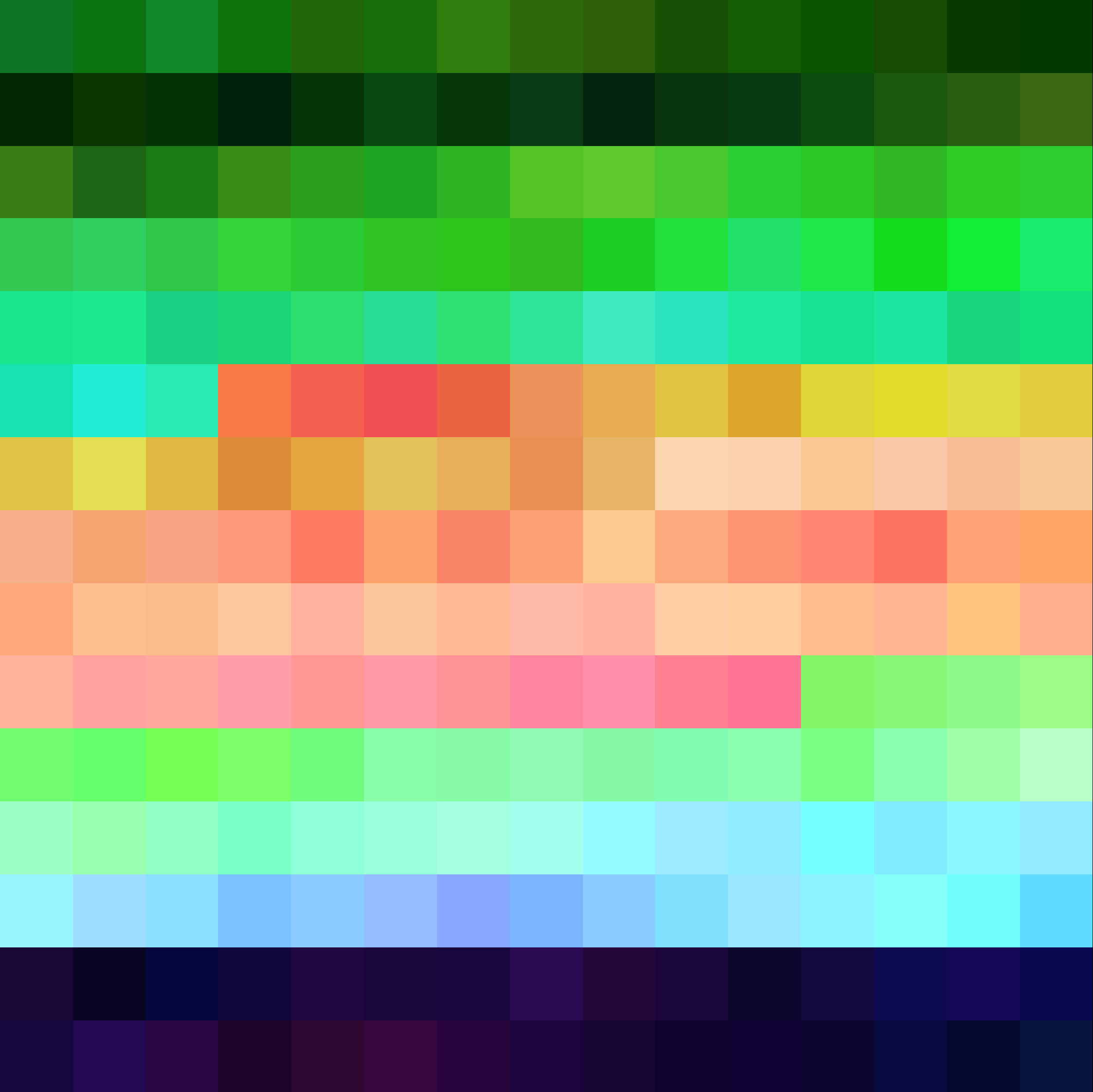
A very, very colourful grid of 144 blocks. It's mostly blue, and it also has some yellow, some green, some cyan, a bit of lime, a little bit of indigo, a little bit of orange, a little bit of violet, a tiny bit of purple, a tiny bit of red, and a tiny bit of magenta in it.
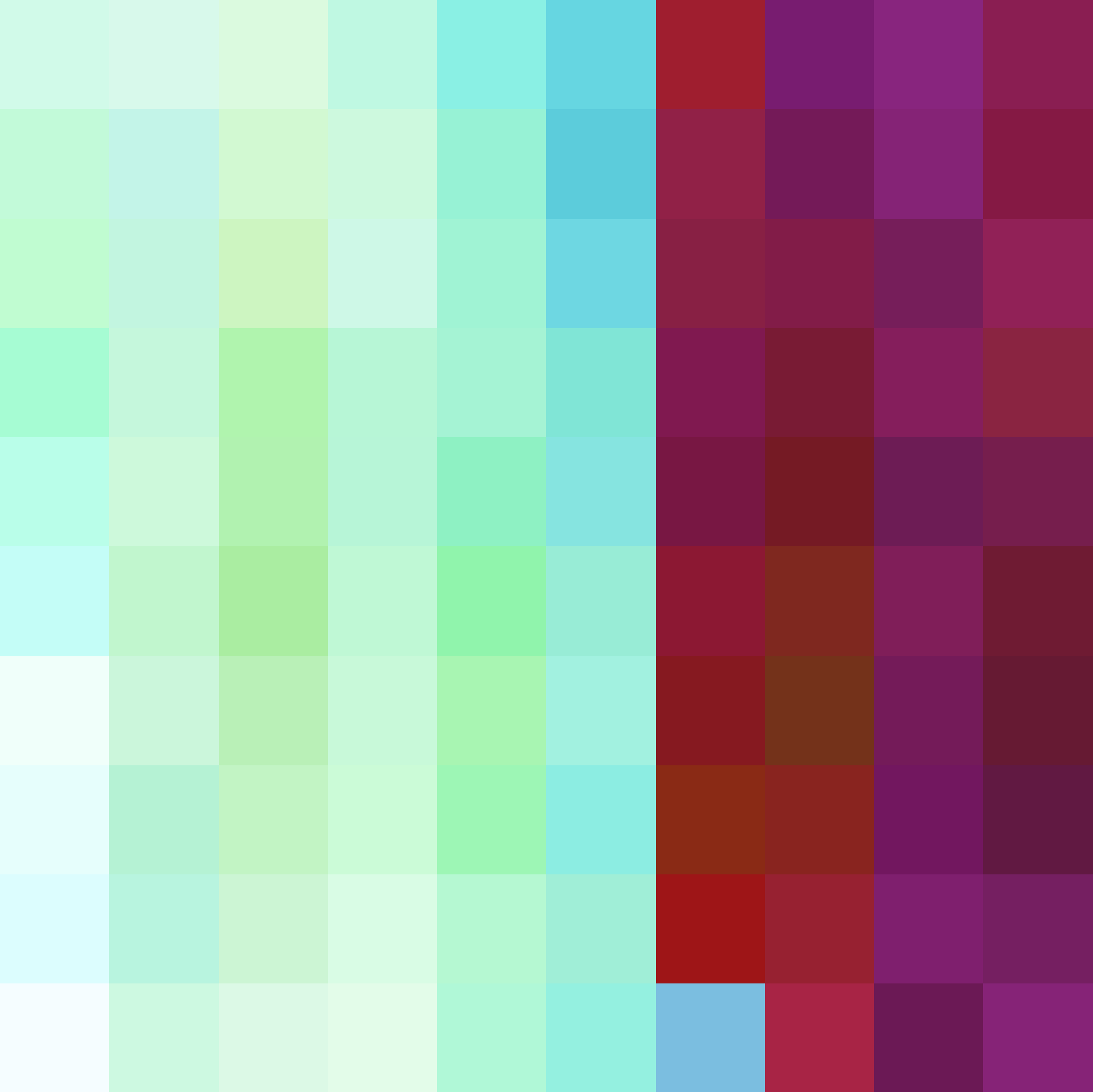
The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly cyan, and it also has a bit of blue in it.

The cells in this 6 by 6 pixel grid form a very colourful gradient. It is mostly blue, but it also has quite some green, some yellow, a bit of lime, a little bit of orange, and a little bit of indigo in it.
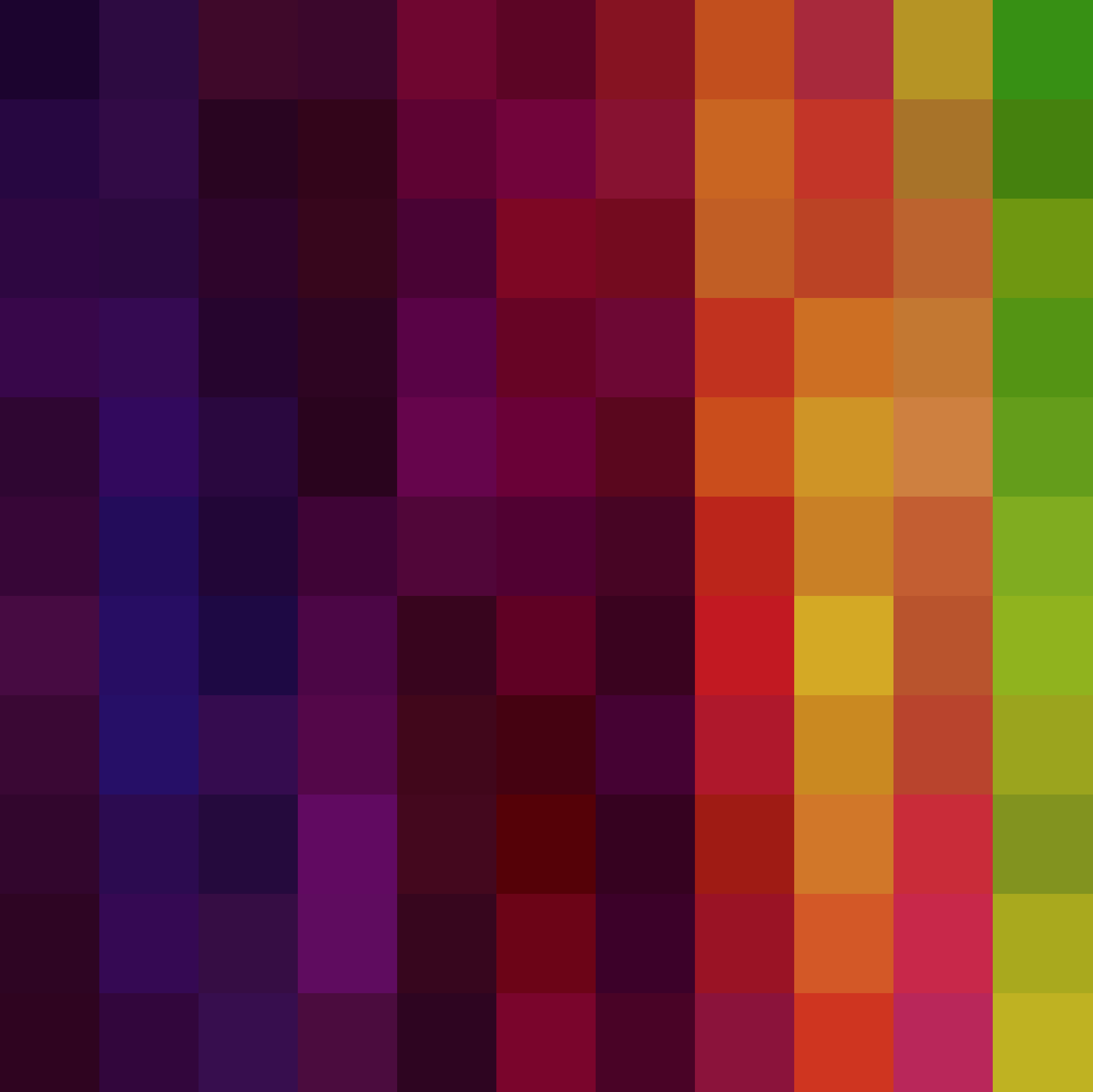
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, but it also has some orange, a bit of red, a bit of cyan, a bit of blue, a little bit of indigo, a little bit of violet, a little bit of yellow, a tiny bit of purple, and a tiny bit of magenta in it.

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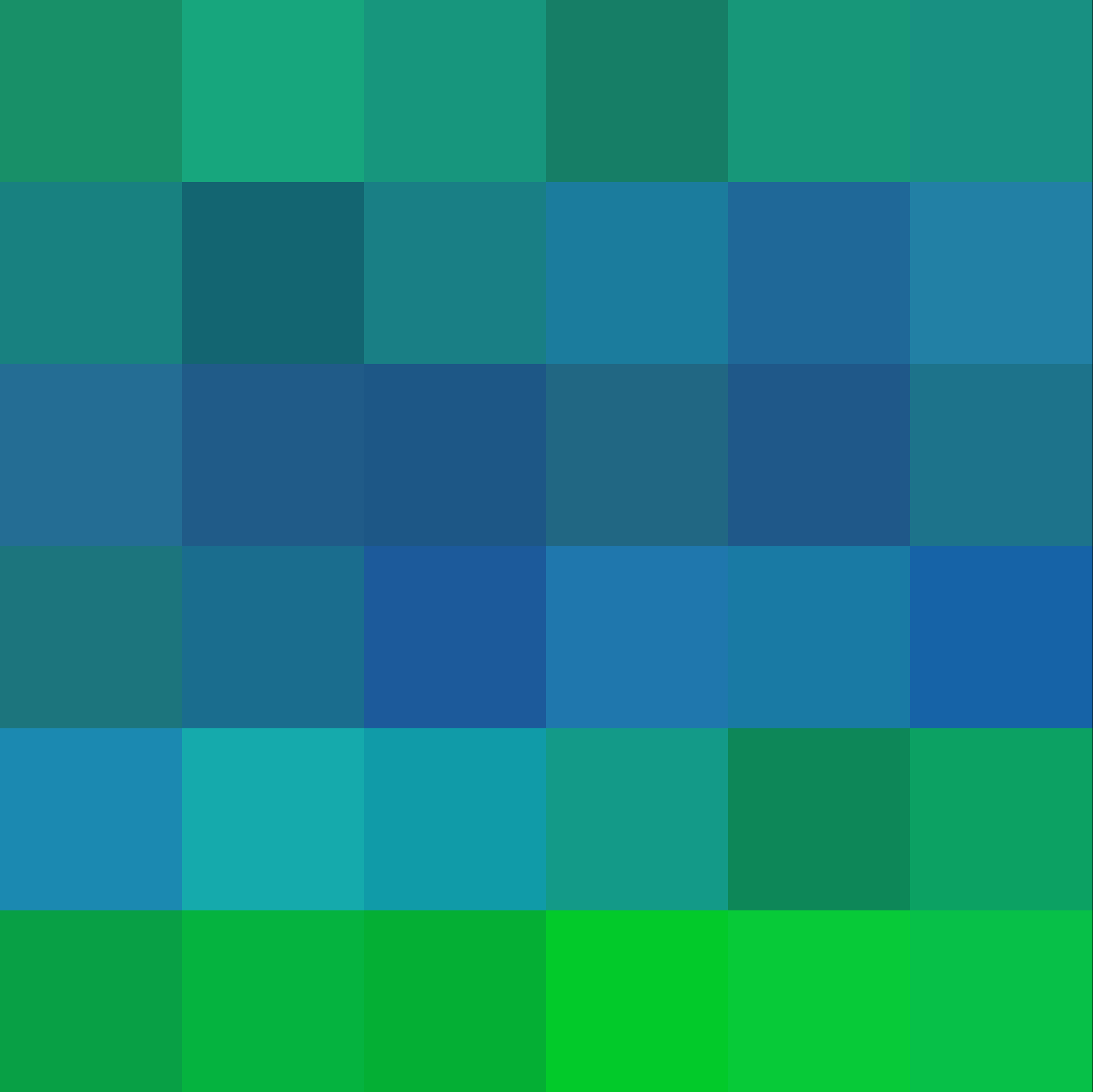
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly indigo, but it also has quite some violet, quite some purple, and some blue in it.

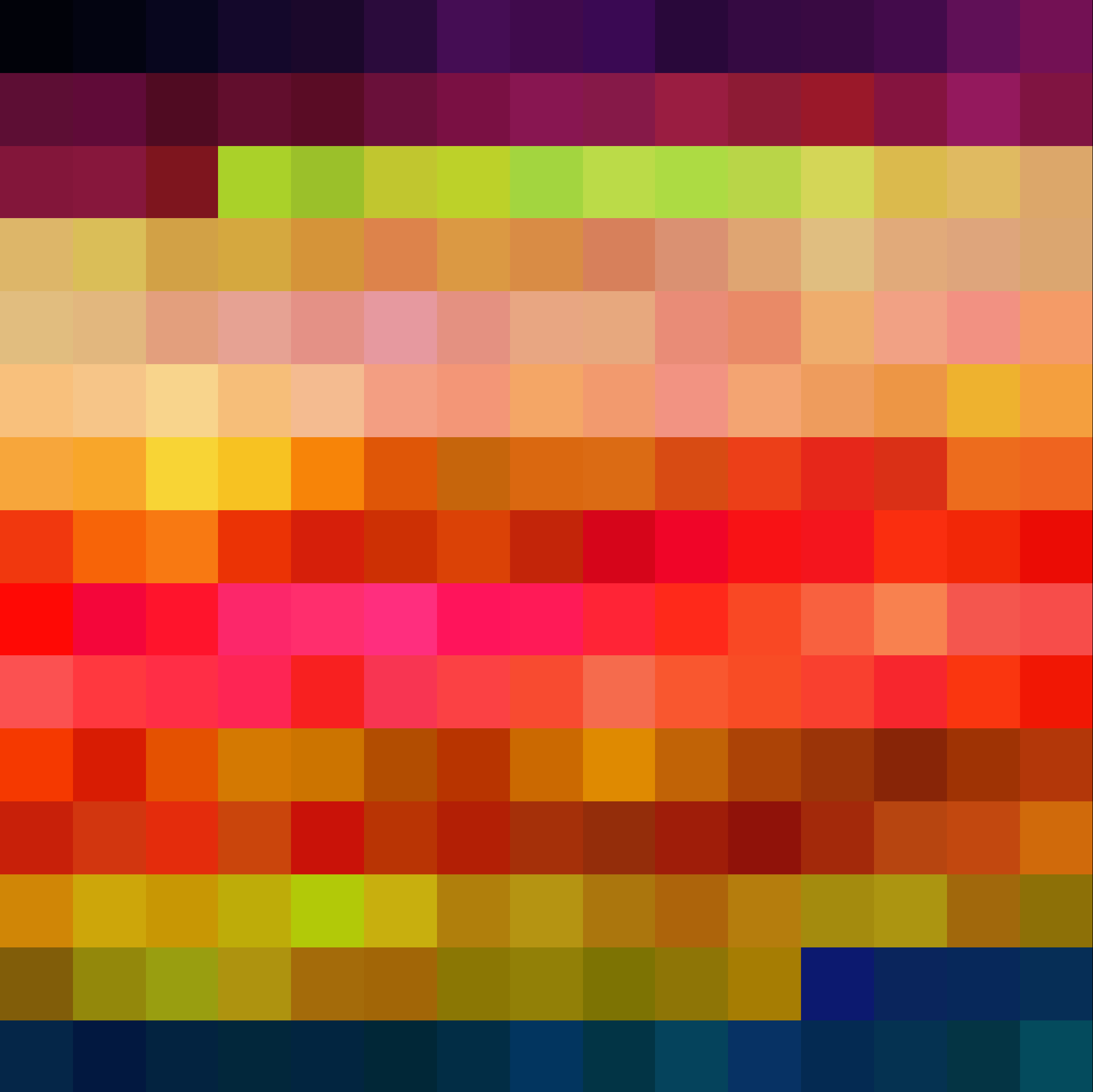The very, very colourful gradient in this 11 by 11 pixel grid is mostly magenta, but it also has some rose, some red, some purple, some orange, a little bit of yellow, a little bit of green, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of lime in it.

The colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has quite some red, a bit of lime, a bit of yellow, and a little bit of orange in it.
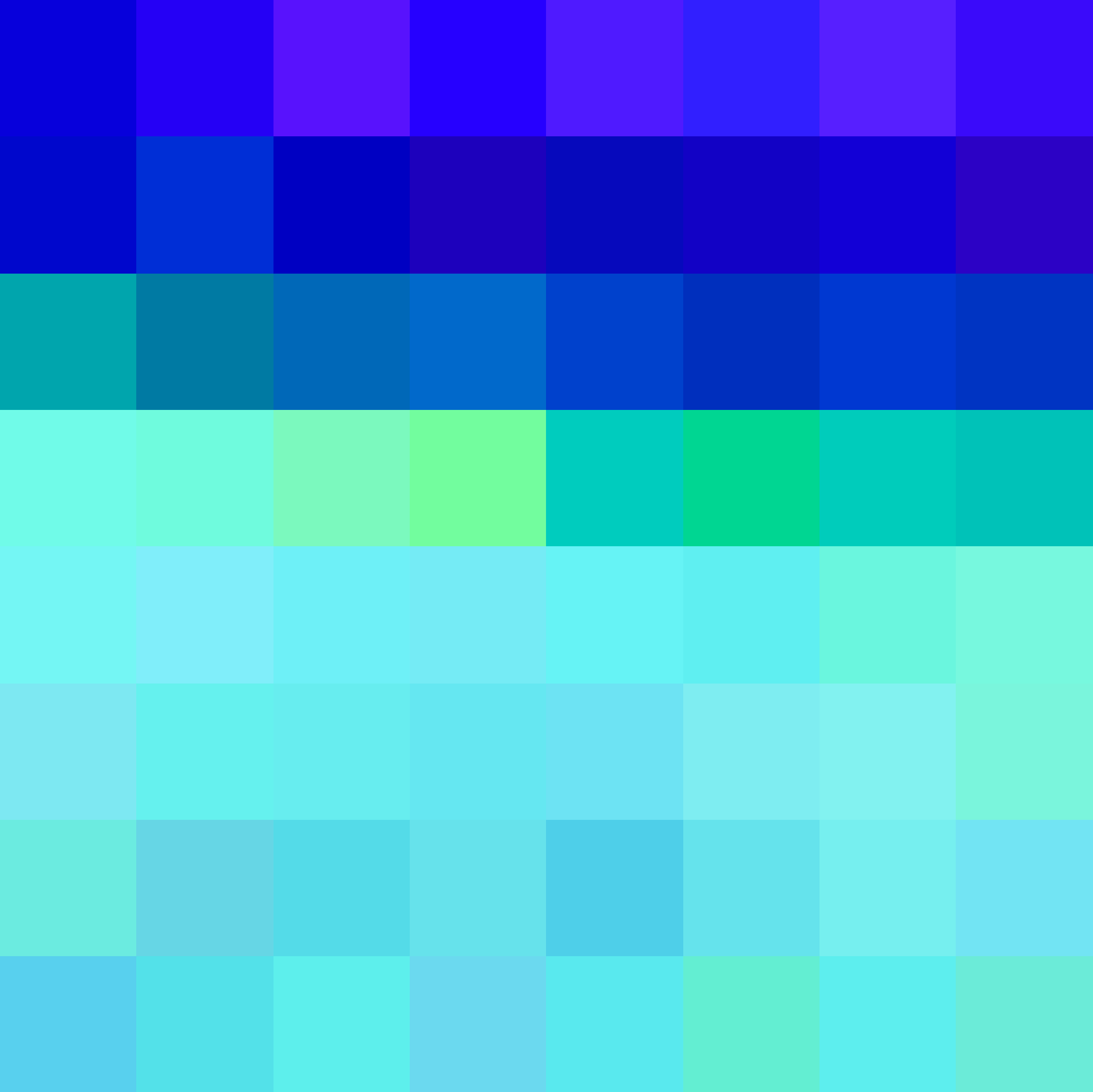
There's a pixel gradient in this 6 by 6 grid. It is mostly blue, but it also has quite some cyan, and quite some green in it.

A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, and it also has quite some red, a bit of yellow, a bit of blue, a bit of rose, a little bit of purple, a tiny bit of lime, a tiny bit of magenta, a tiny bit of indigo, a tiny bit of green, and a tiny bit of cyan in it.
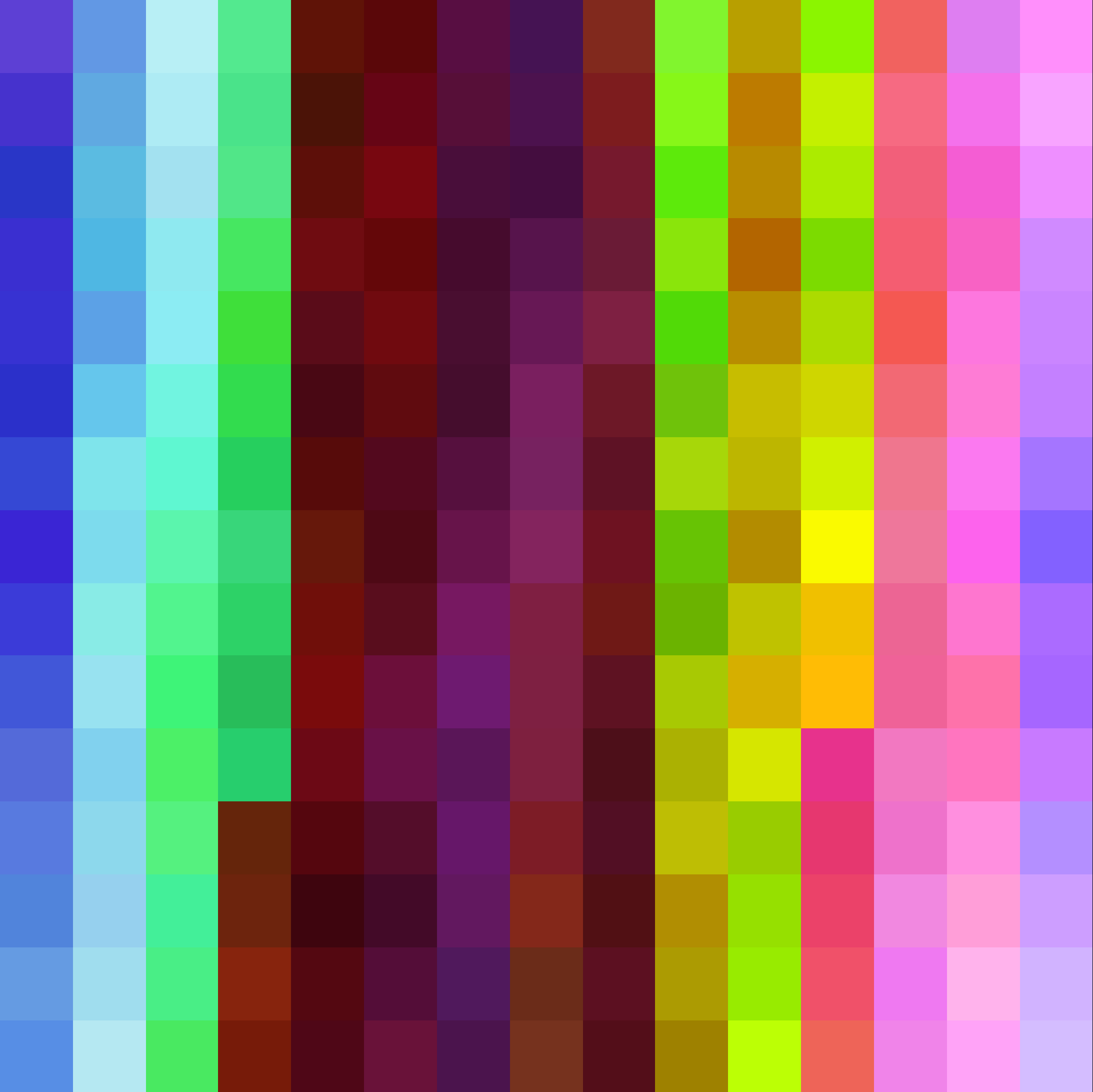
A grid with 121 coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has a bit of orange, a bit of green, a bit of yellow, and a tiny bit of lime in it.
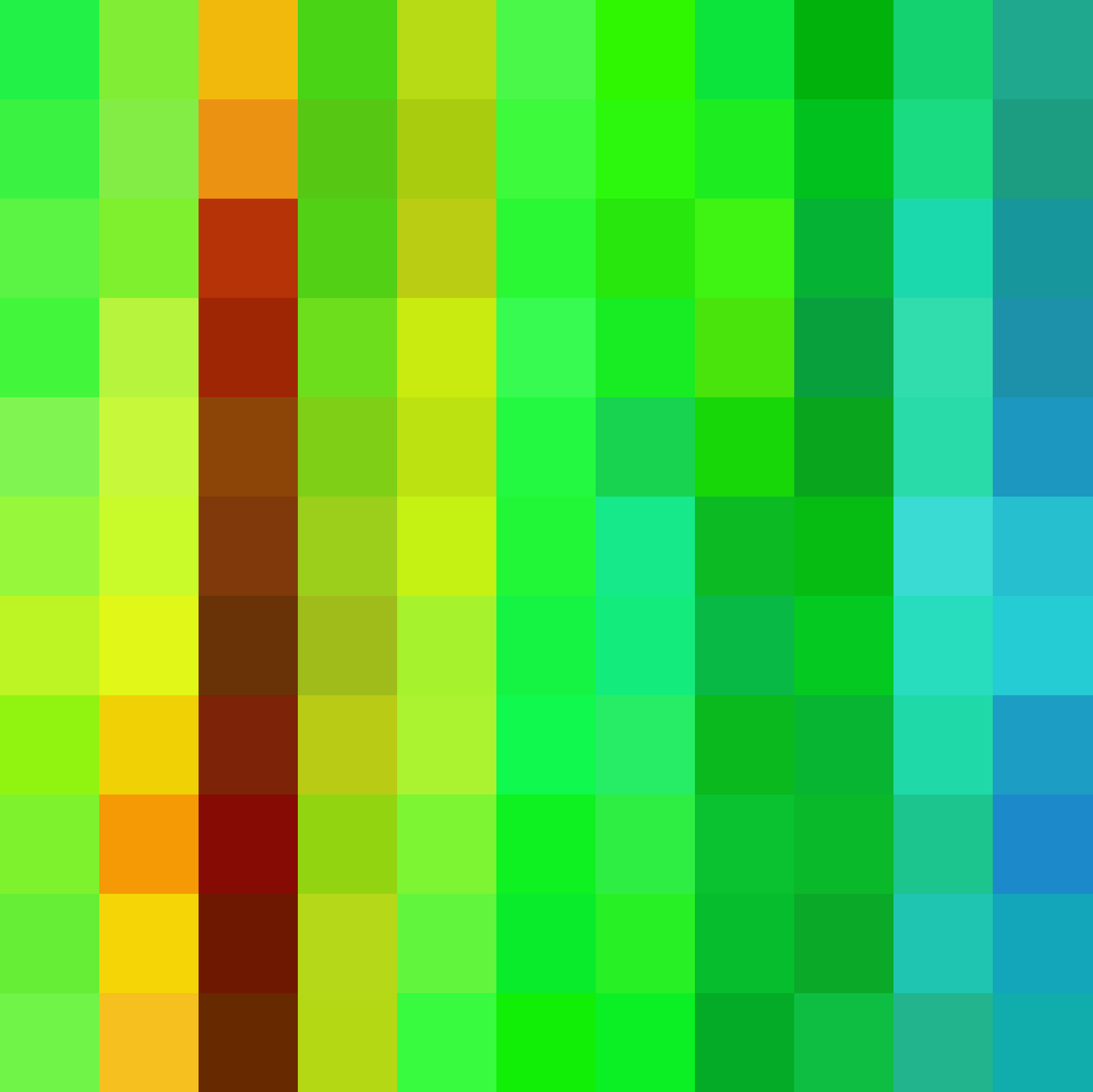
Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly cyan, and it also has some indigo, some blue, and a little bit of green in it.
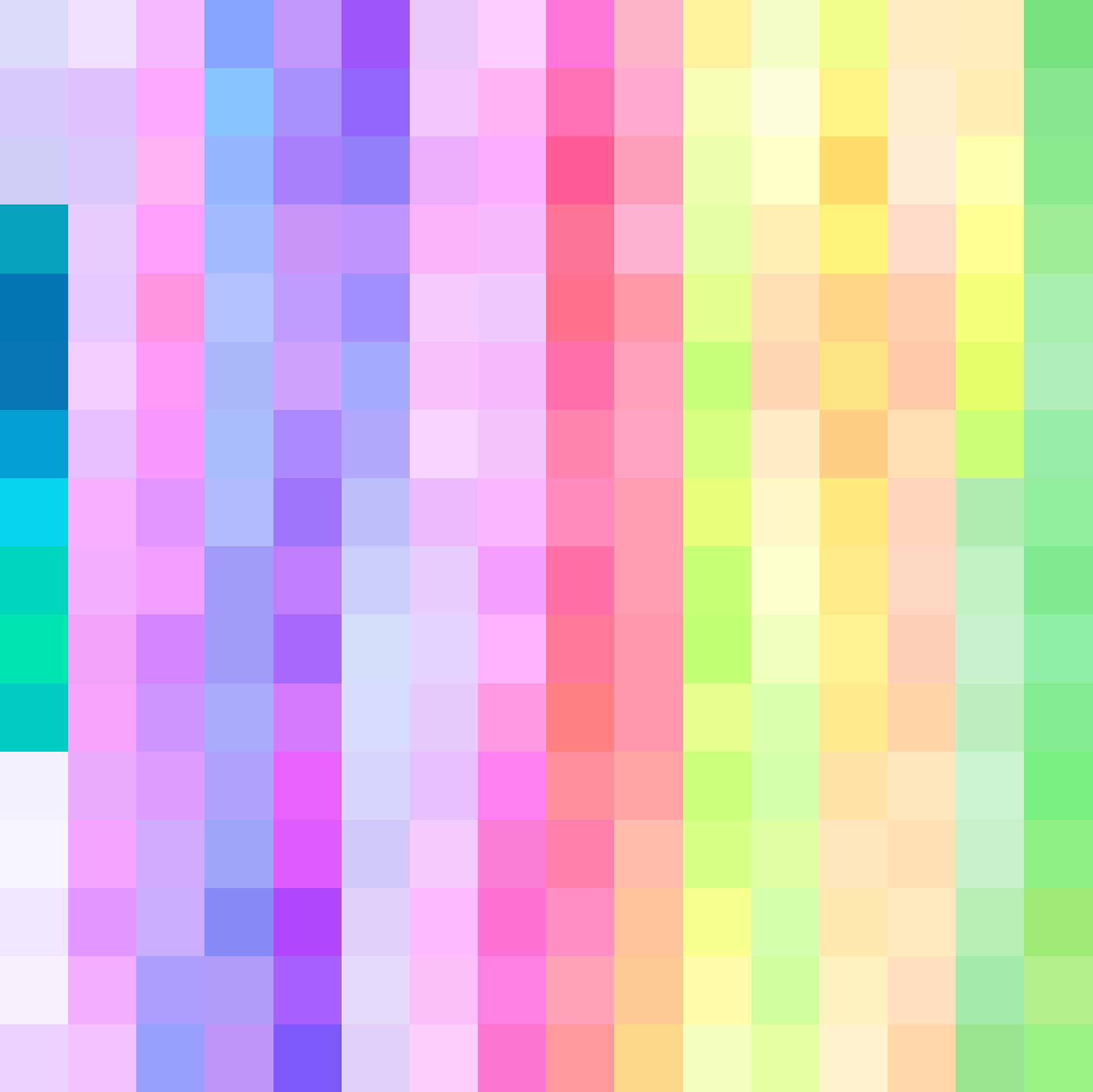
A grid with 36 coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, and it also has quite some magenta, some red, a bit of blue, a little bit of violet, a little bit of indigo, and a little bit of rose in it.
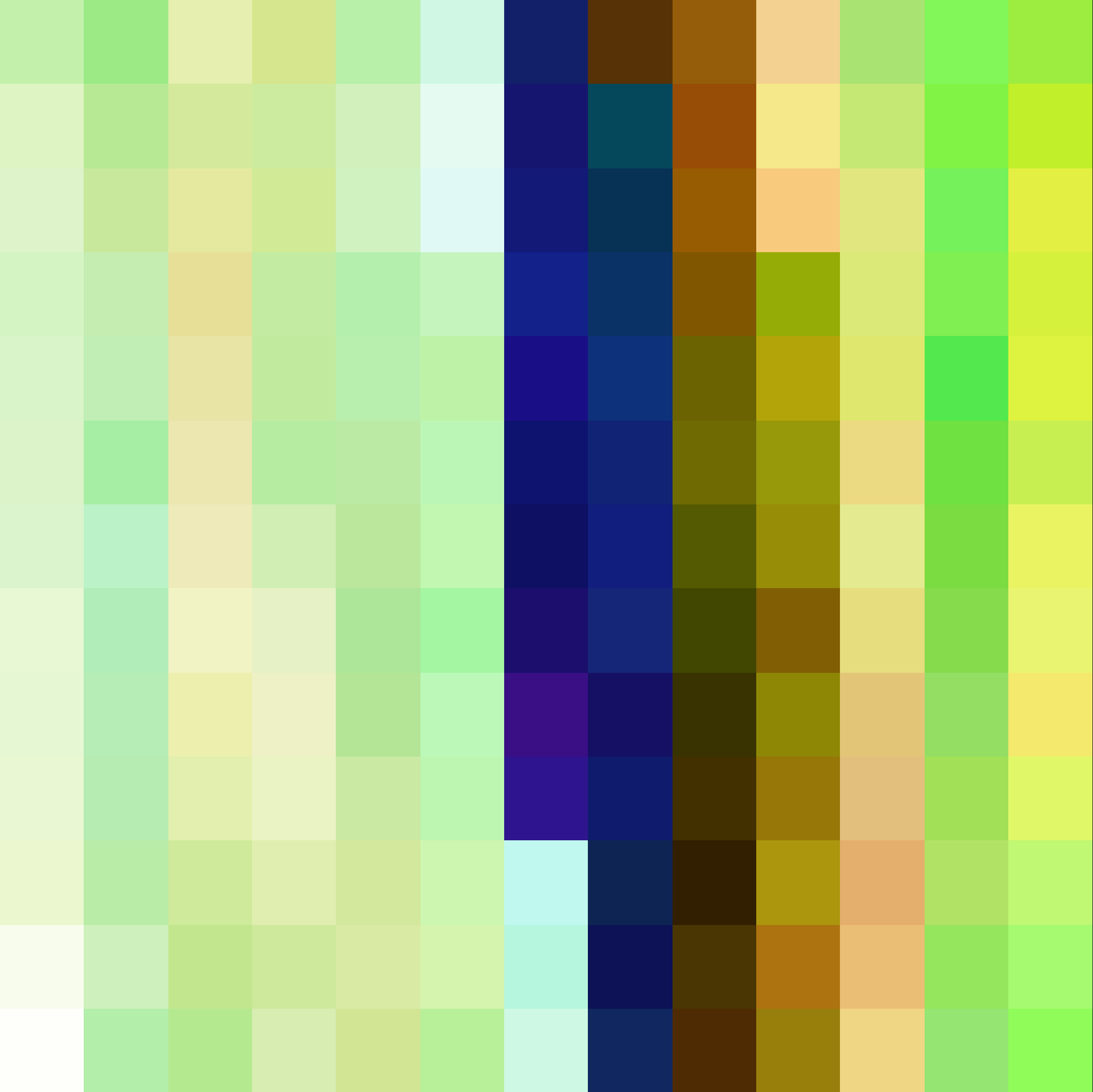
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, but it also has some green, a bit of magenta, a bit of blue, a bit of yellow, a little bit of cyan, a little bit of indigo, a little bit of rose, a little bit of lime, a little bit of purple, a little bit of violet, and a tiny bit of orange in it.

There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly green, but it also has some cyan, a bit of lime, a bit of orange, a little bit of yellow, a little bit of red, and a tiny 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 magenta, but it also has some green, some orange, some purple, a bit of yellow, a bit of indigo, a bit of blue, a bit of violet, a little bit of rose, a little bit of red, a little bit of lime, and a tiny bit of cyan in it.

A 13 by 13 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 yellow, a bit of orange, a bit of blue, a bit of lime, a tiny bit of indigo, a tiny bit of cyan, and a tiny bit of violet 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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