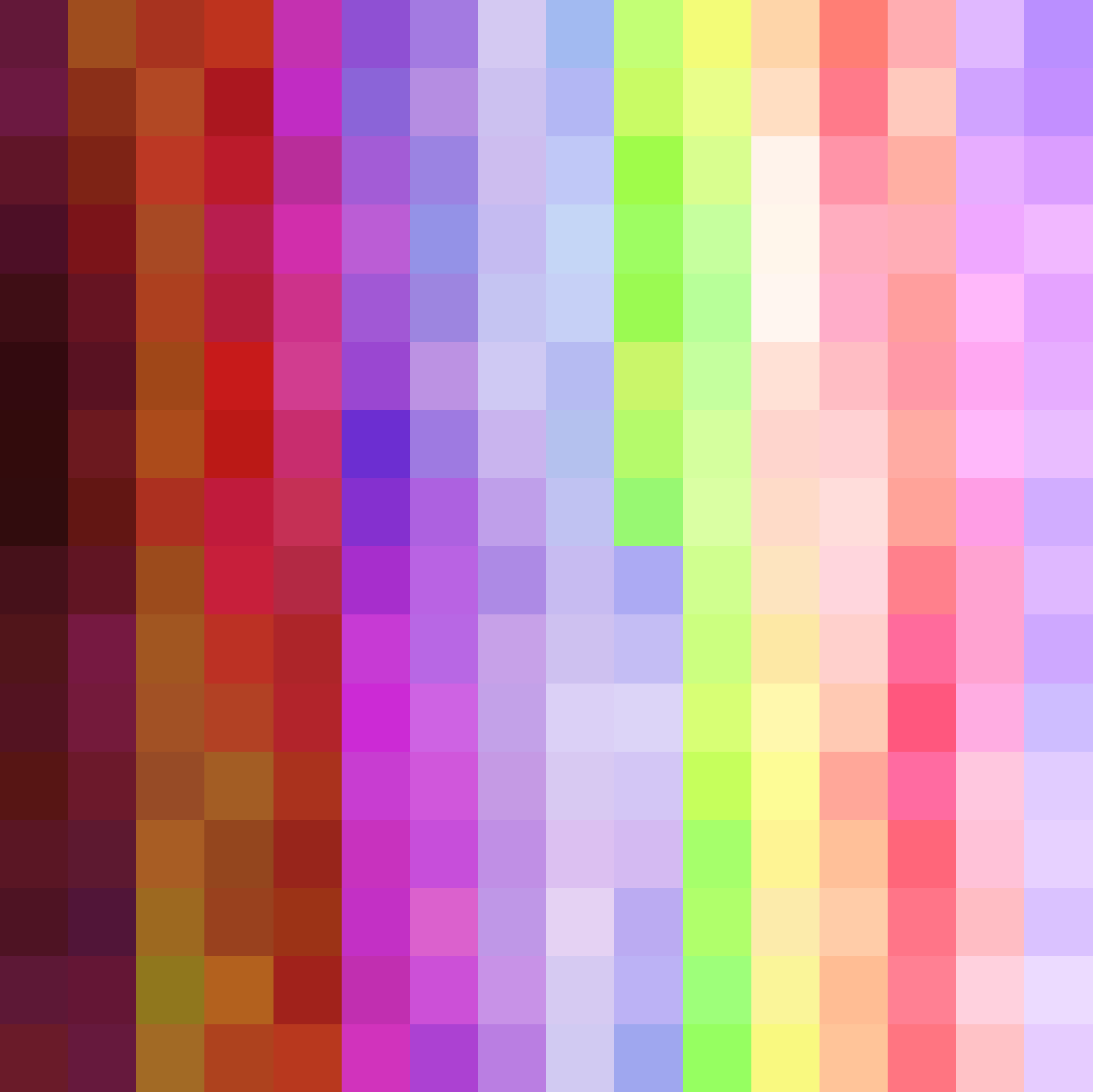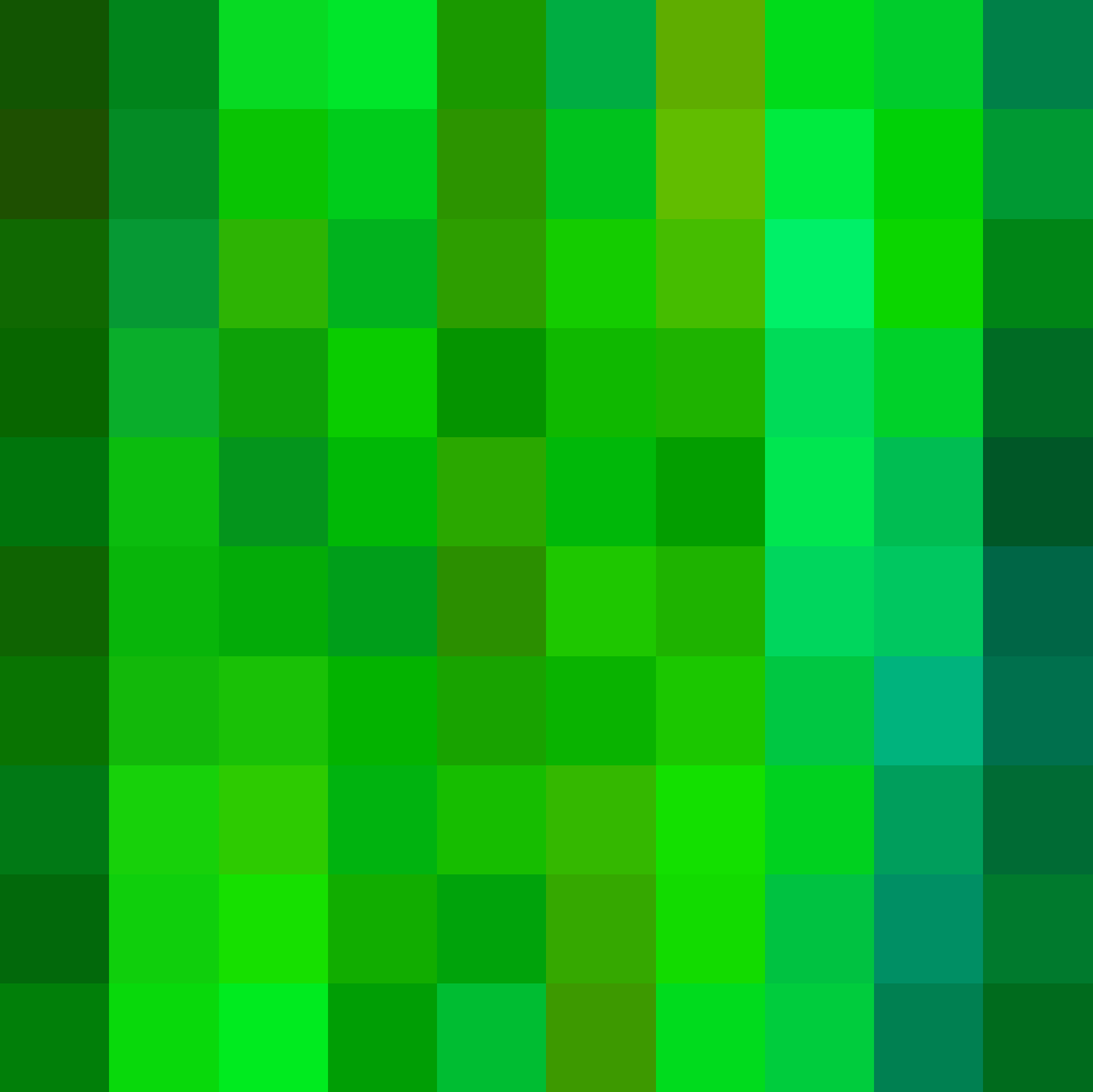# 100 random pixel gradients

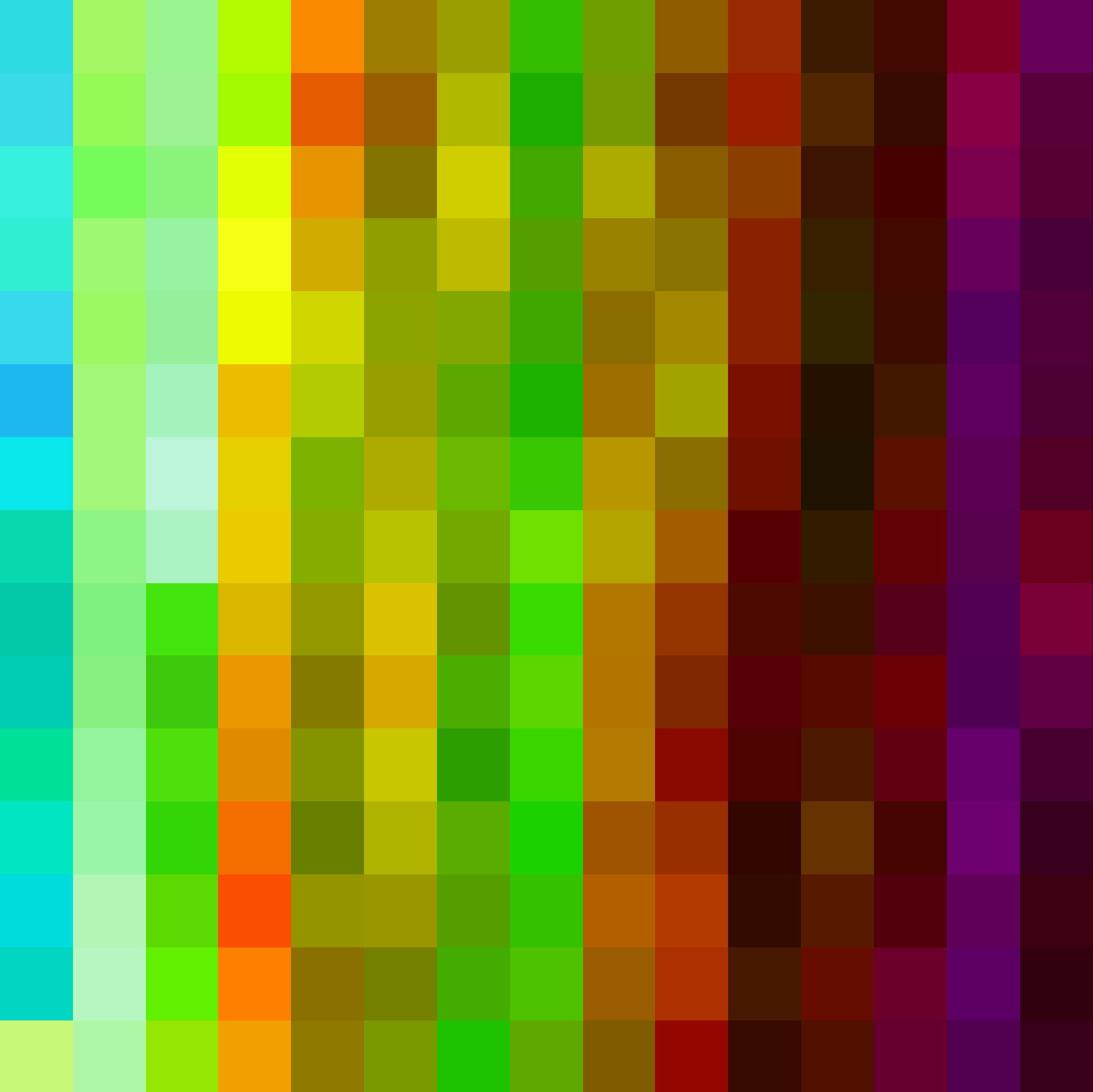Vasilis van Gemert - 18-09-2022

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

A grid with 100 coloured squares that form a monochrome gradient. The colours are various shades of green.

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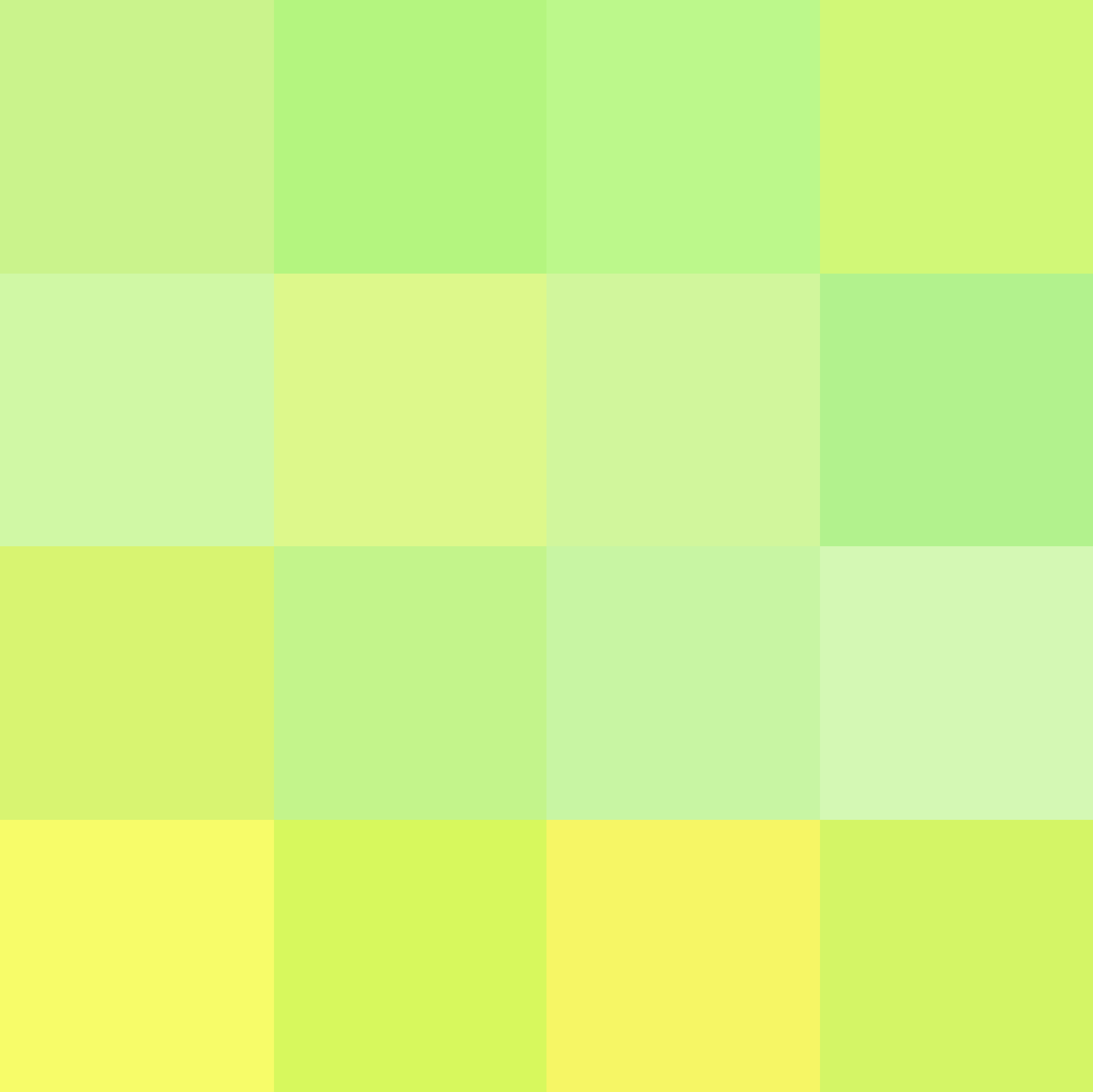
A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly red, and it also has quite some green, some orange, some yellow, a little bit of cyan, a little bit of lime, and a tiny bit of blue in it.
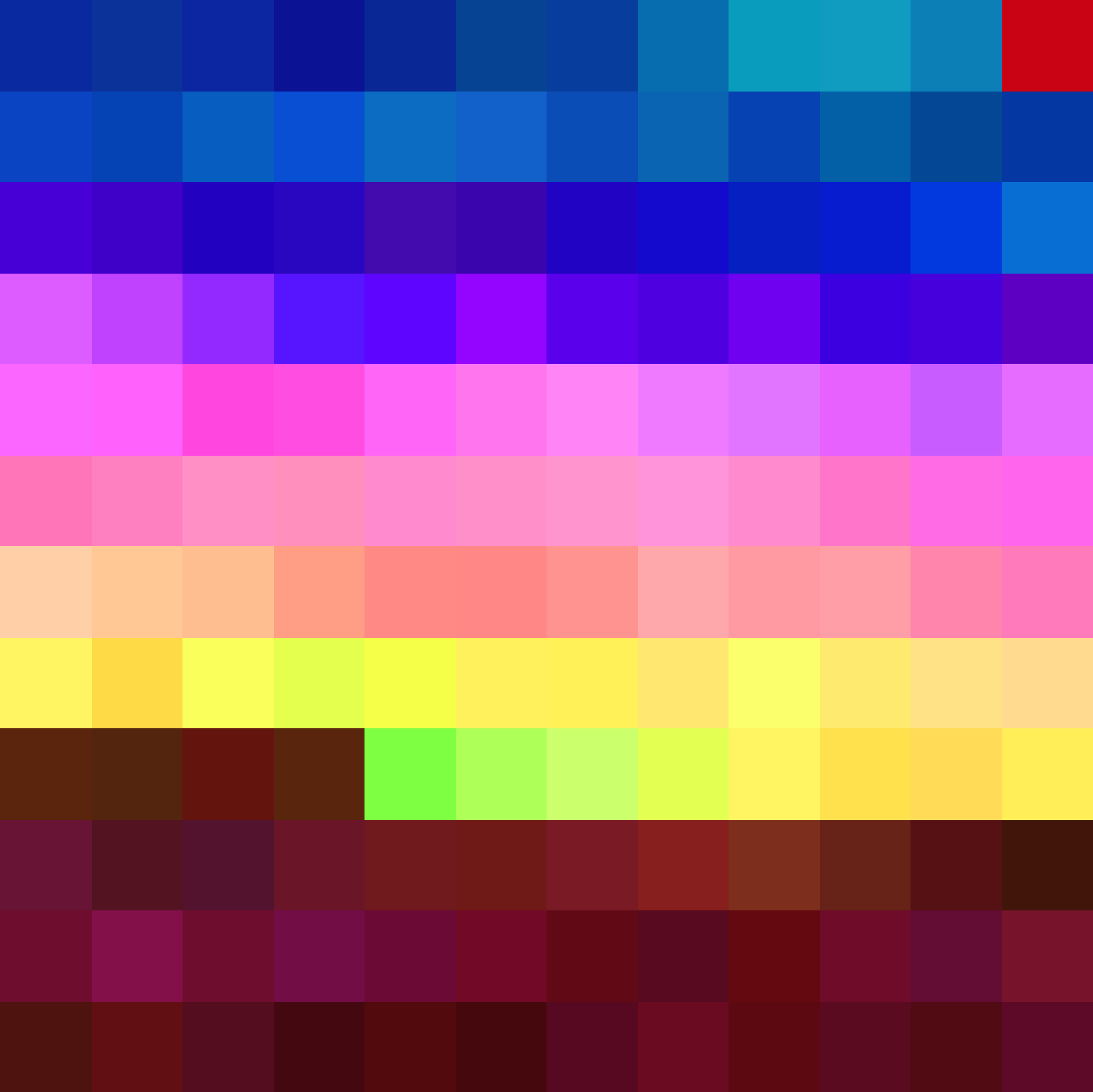
The cells in this 8 by 8 pixel grid form a very colourful gradient. It is mostly orange, and it also has quite some yellow, some red, a bit of lime, a bit of green, and a tiny bit of rose in it.

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly indigo, but it also has quite some purple, some violet, some red, some yellow, and some orange in it.
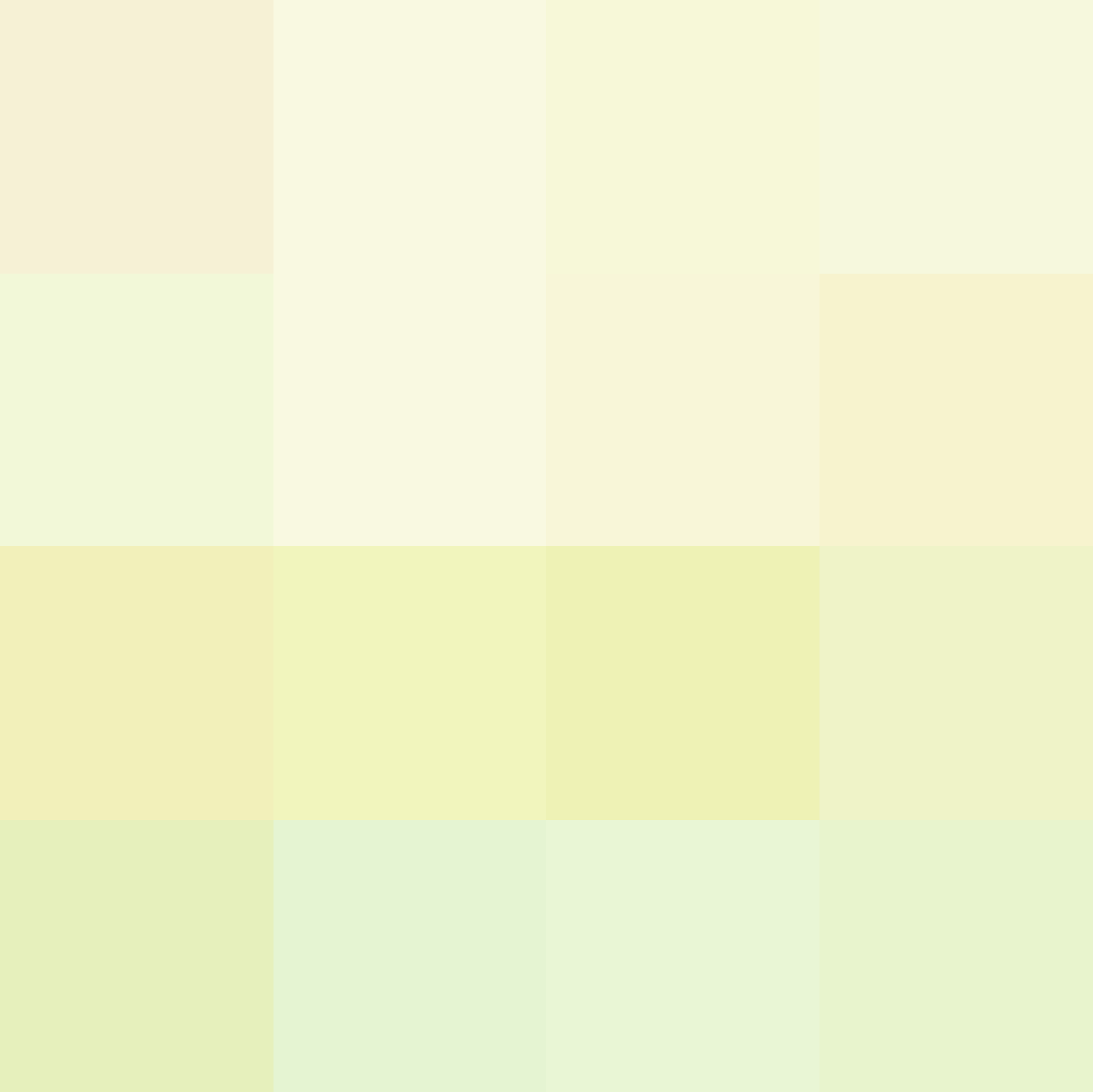
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly green, and it also has quite some lime, and some yellow in it.

A very, very colourful grid of 144 blocks. It's mostly red, and it also has some blue, some yellow, a bit of magenta, a bit of indigo, a little bit of rose, a little bit of violet, a little bit of purple, a little bit of orange, a tiny bit of green, and a tiny bit of cyan in it.
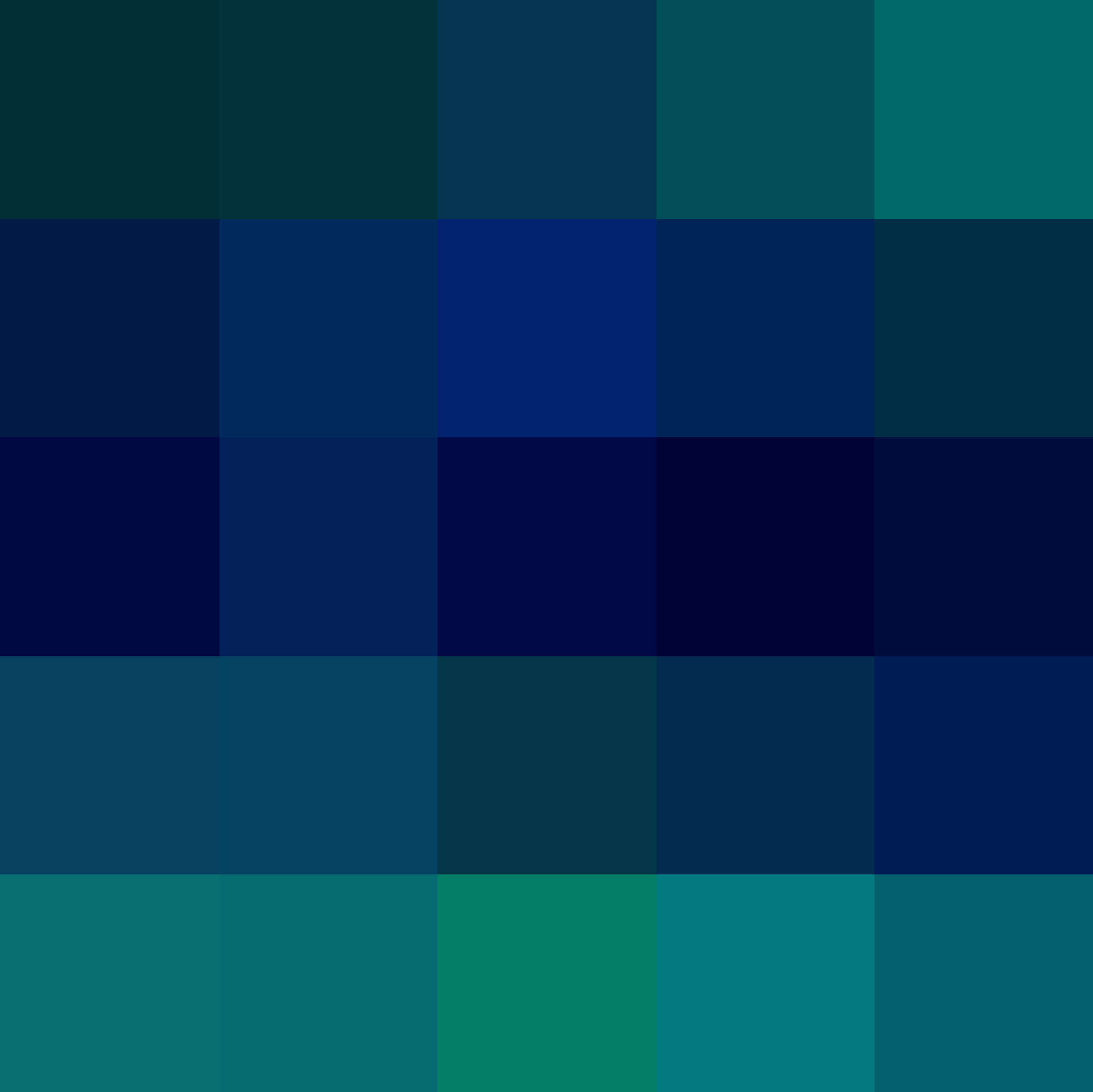
This very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, and it also has some red, some orange, some yellow, a little bit of lime, and a tiny bit of cyan in it.

The gradient in this 4 by 4 pixel grid is mostly yellow, and it also has some lime, and some green in it.
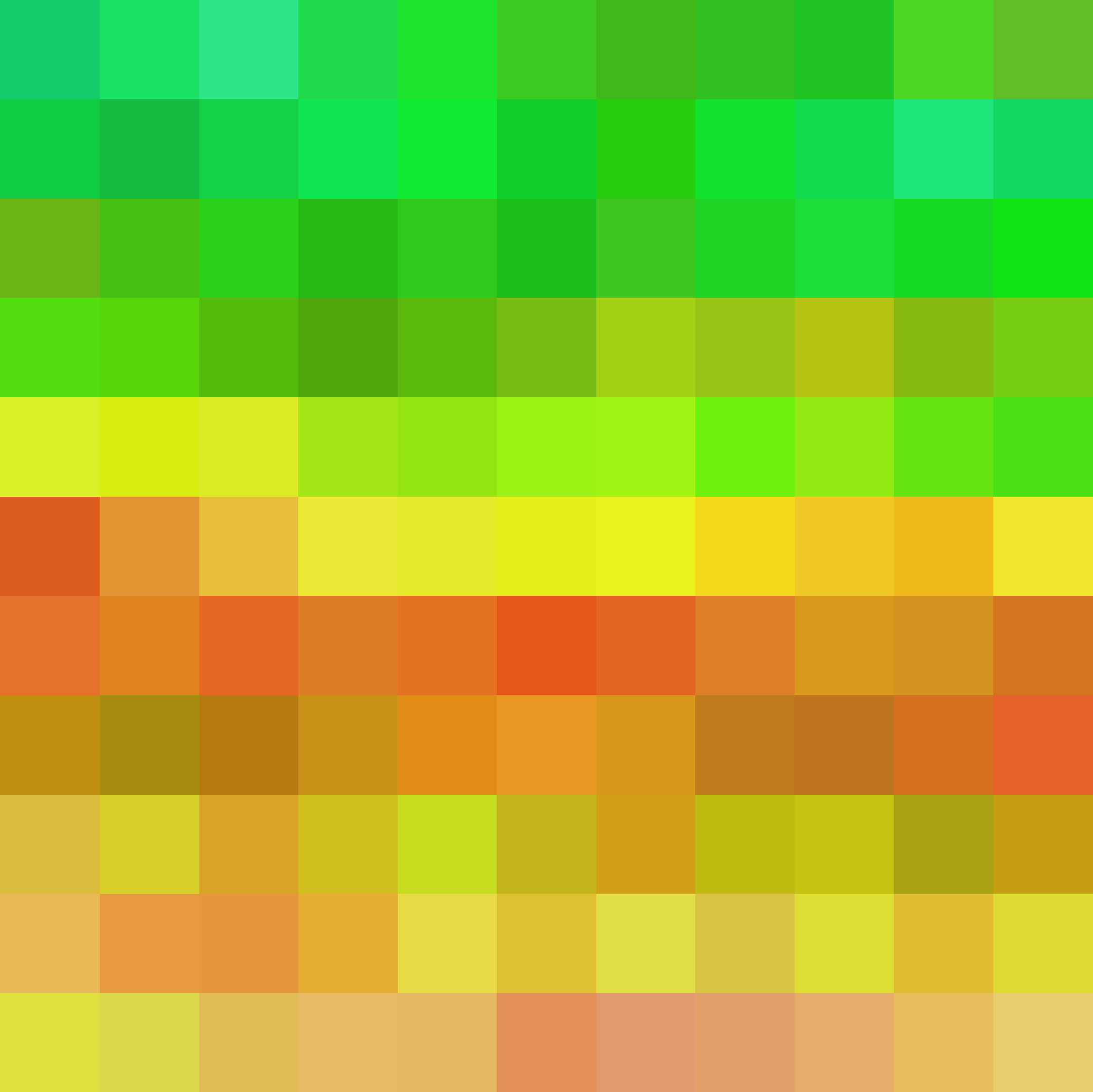
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some orange, and some magenta in it.
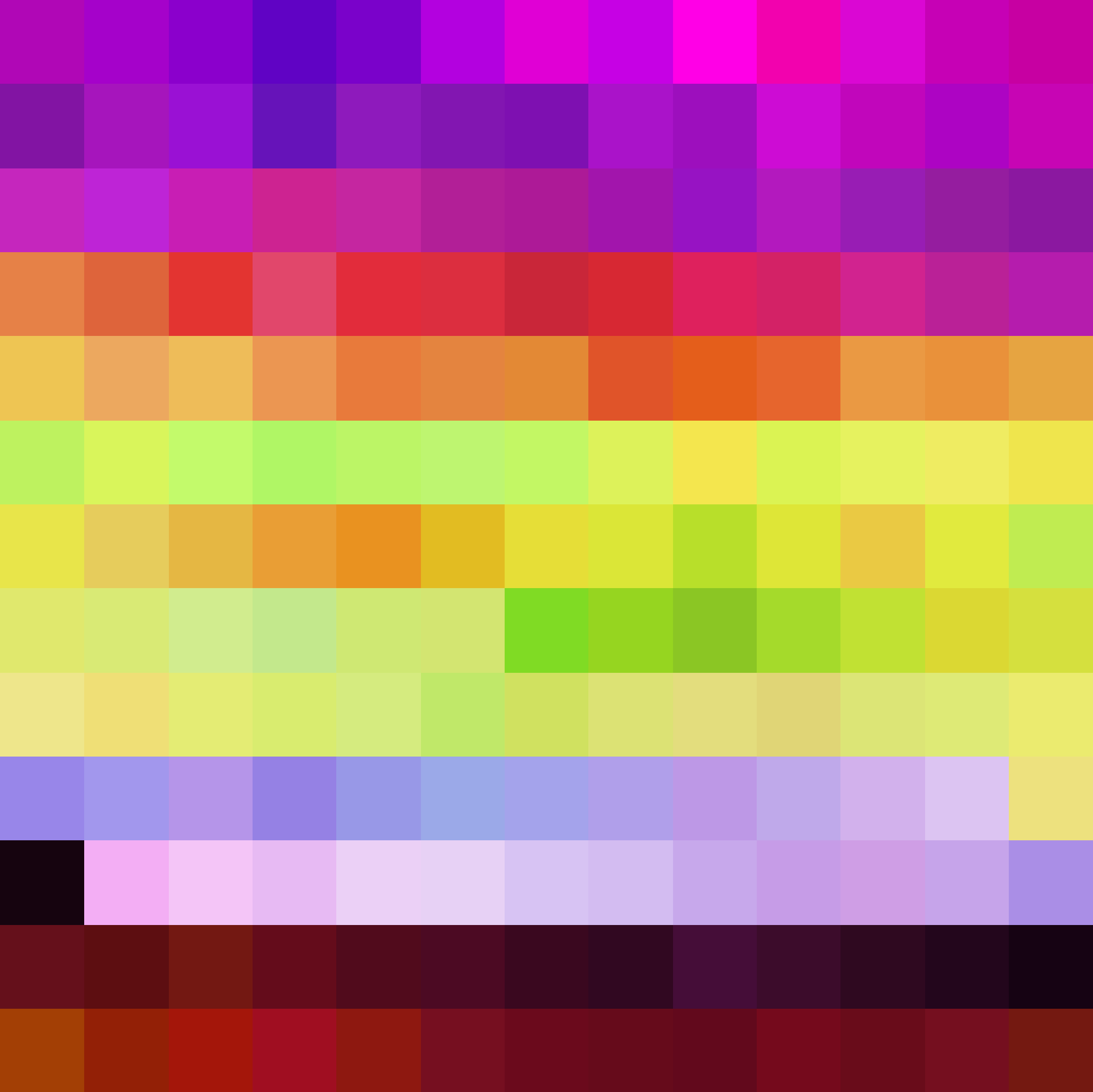
This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, and it also has quite some cyan in it.
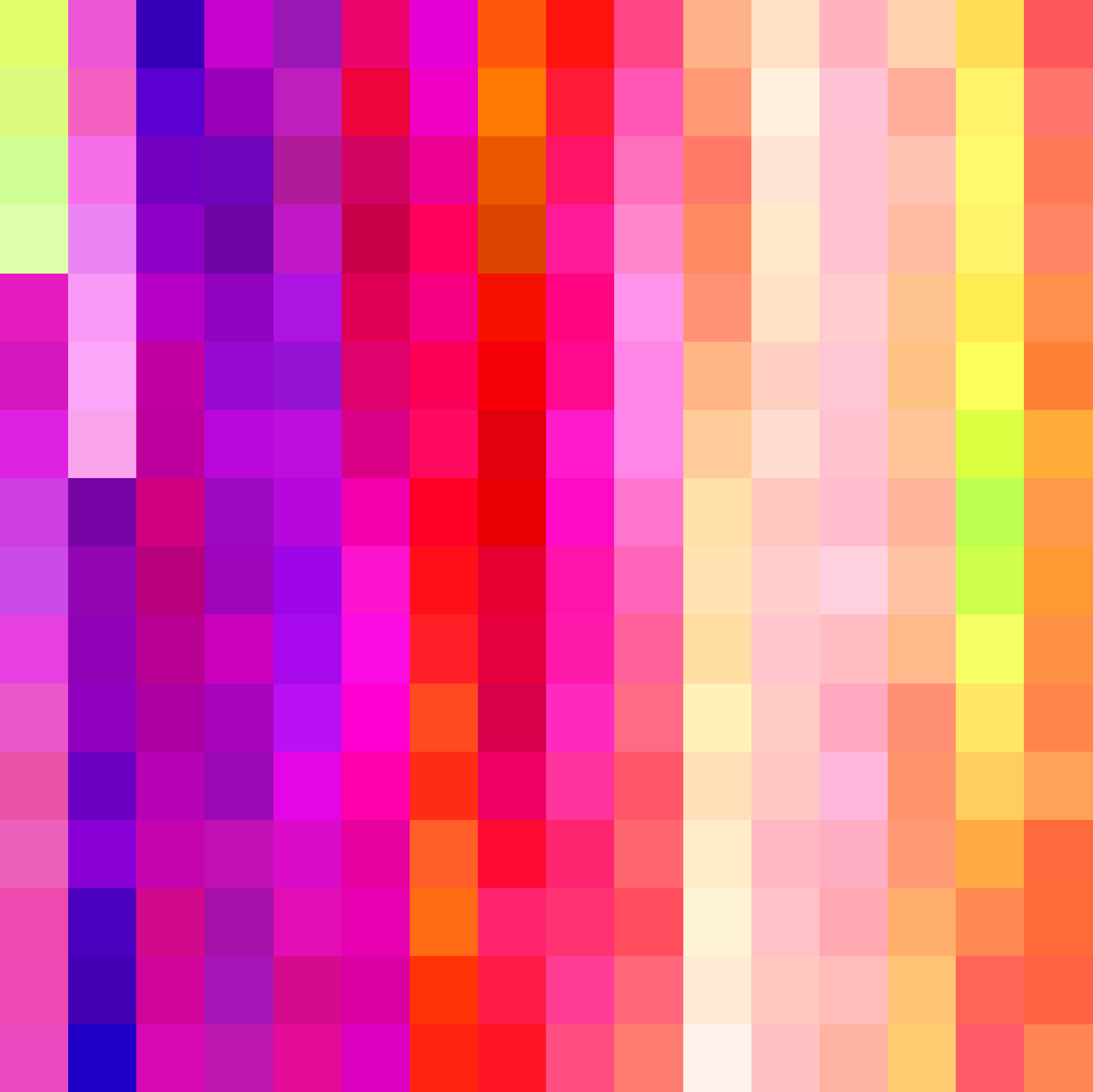
A 7 by 7 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has quite some yellow, quite some orange, a tiny bit of red, and a tiny bit of lime in it.

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

A very, very colourful grid of 169 blocks. It's mostly magenta, but it also has some yellow, some red, some purple, a bit of orange, a little bit of green, a little bit of lime, a little bit of violet, a little bit of indigo, a tiny bit of rose, and a tiny bit of blue in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, and it also has quite some red, some orange, some rose, a bit of purple, a little bit of yellow, a tiny bit of lime, a tiny bit of green, a tiny bit of violet, and a tiny bit of indigo in it.
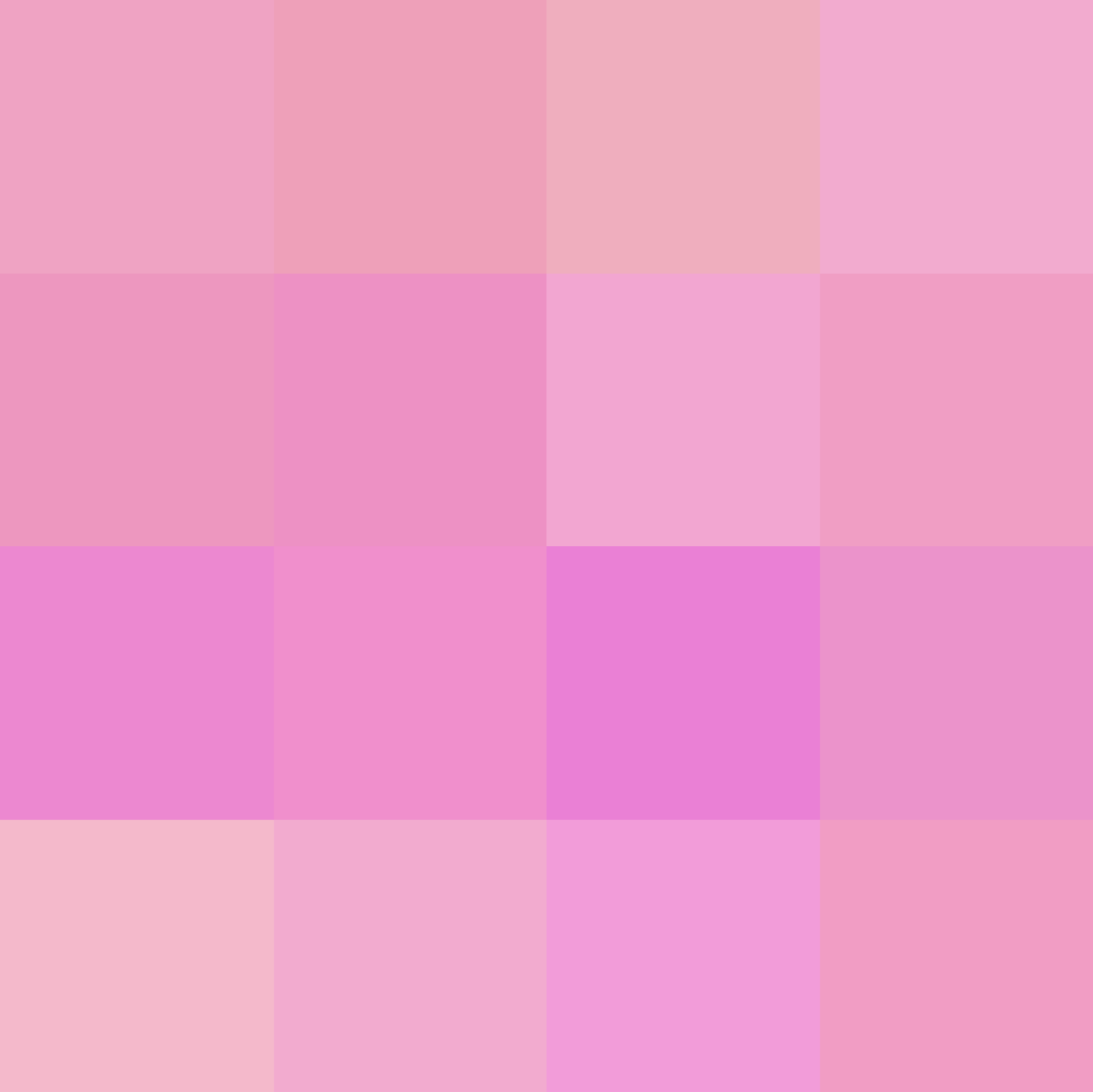
The very, very colourful gradient in this 16 by 16 pixel grid is mostly orange, and it also has some red, some yellow, some magenta, a bit of green, a bit of purple, a little bit of rose, a tiny bit of indigo, a tiny bit of lime, and a tiny bit of violet in it.
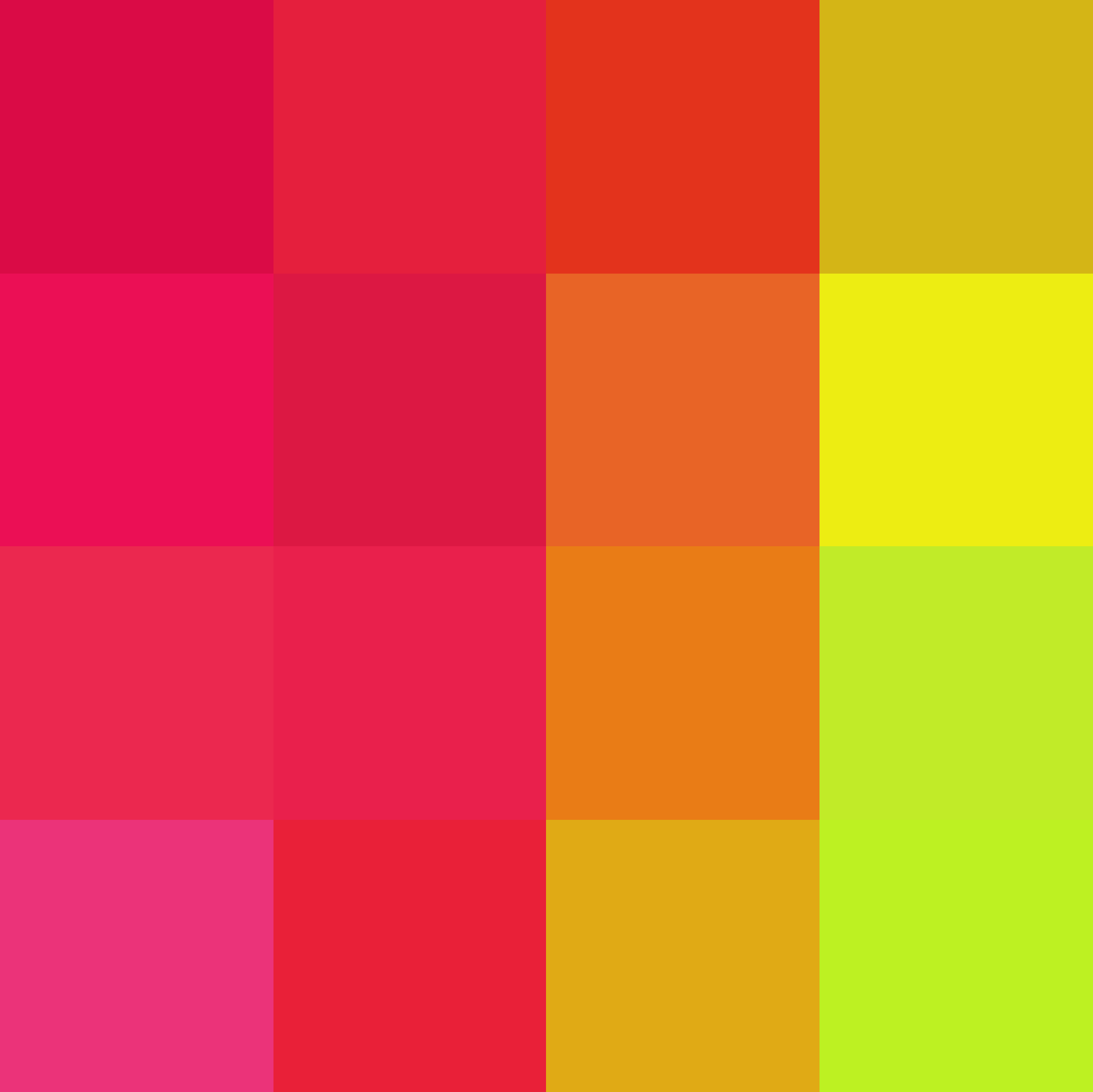
Here's a 14 by 14 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has quite some blue, some cyan, some magenta, a little bit of purple, a little bit of yellow, a tiny bit of lime, a tiny bit of rose, a tiny bit of indigo, a tiny bit of orange, and a tiny bit of violet in it.

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

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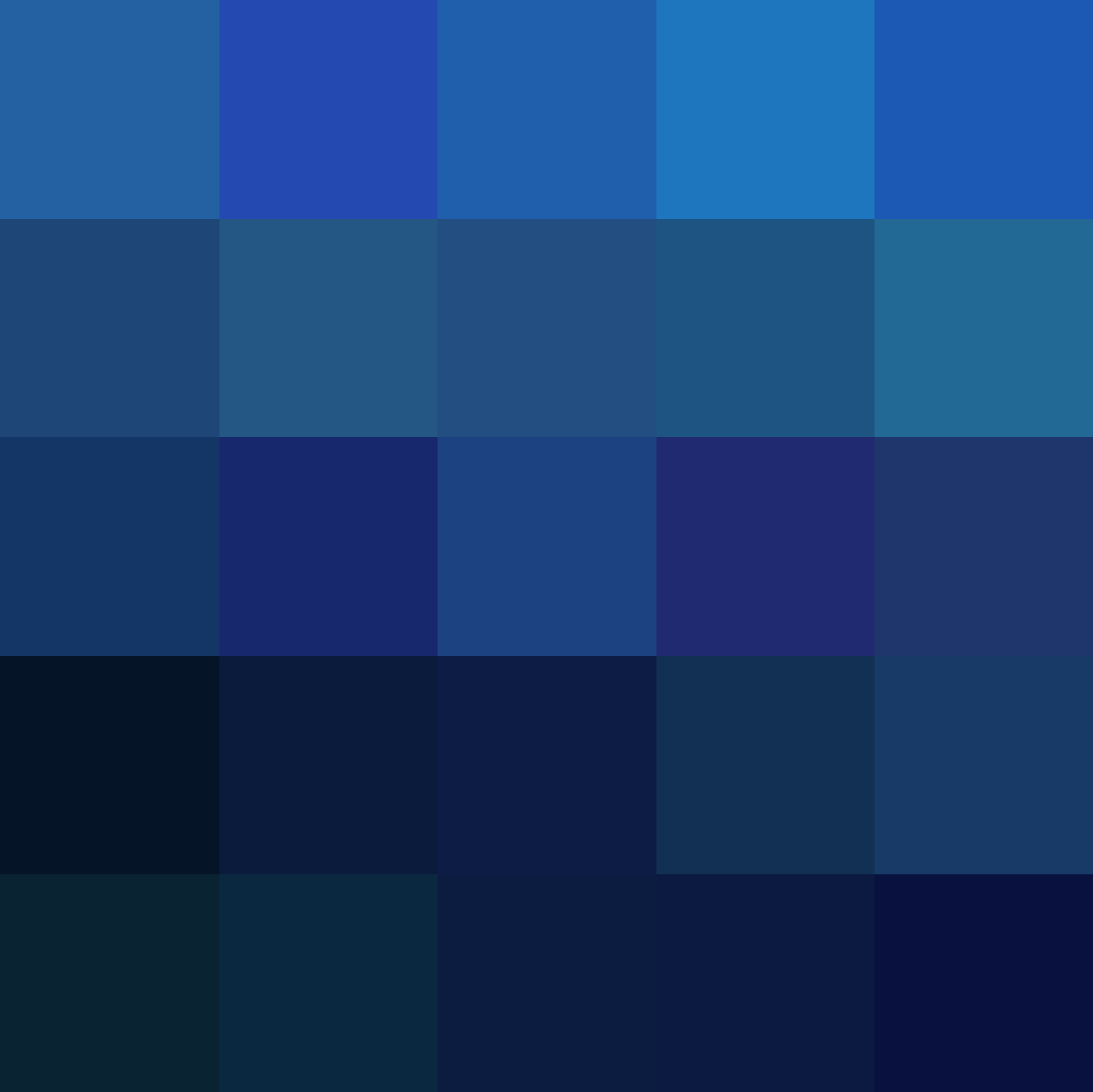
Here's a 4 by 4 pixelated grid that forms a colourful gradient. It is mostly red, but it also has some rose, some orange, some yellow, and some lime in it.

The very colourful gradient in this 10 by 10 pixel grid is mostly magenta, but it also has quite some purple, some blue, some indigo, a bit of violet, and a little bit of rose in it.
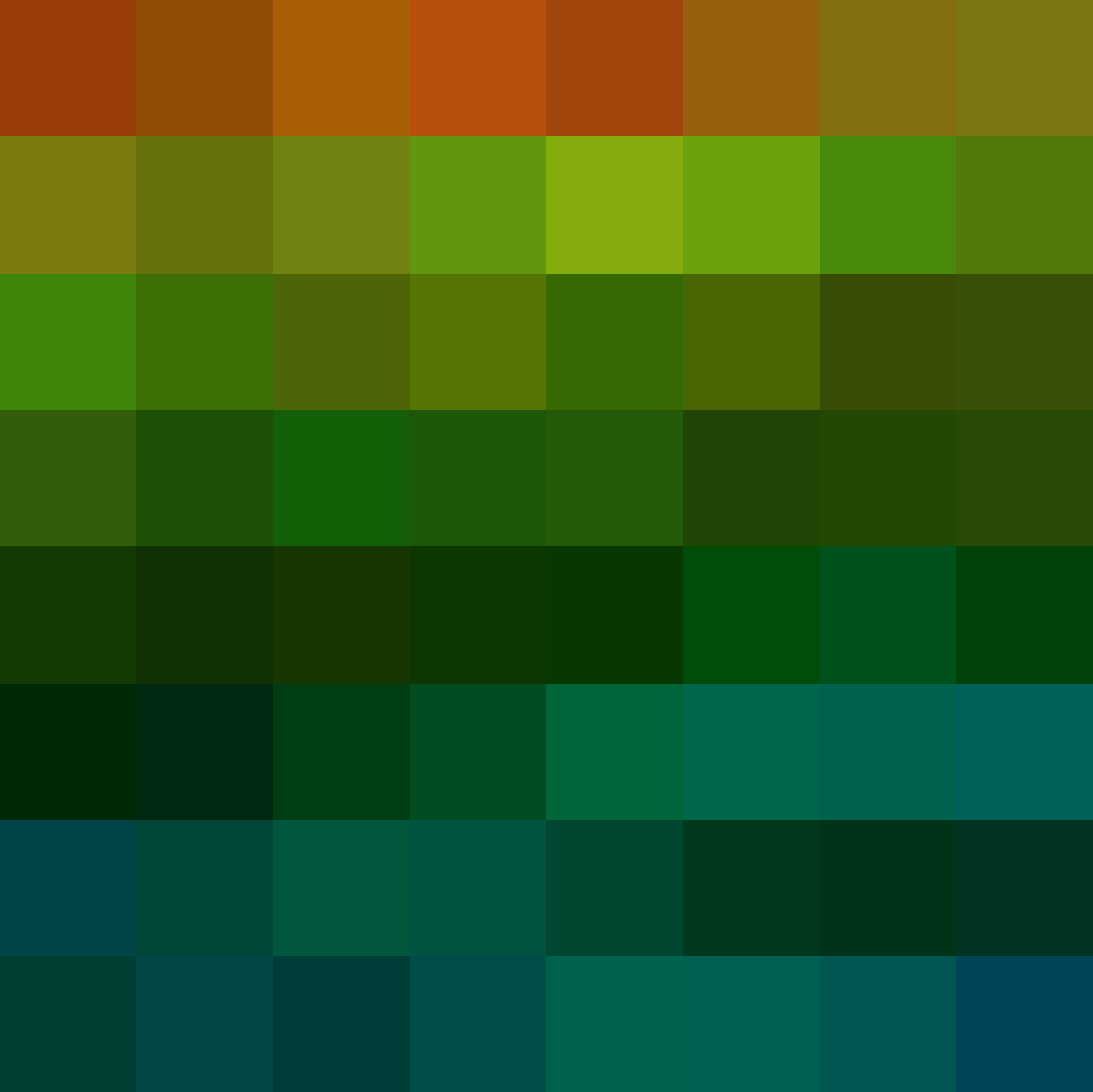
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly magenta, and it also has some green, some blue, some indigo, a bit of rose, a little bit of purple, a little bit of yellow, a little bit of cyan, a little bit of violet, a tiny bit of orange, and a tiny bit of lime in it.

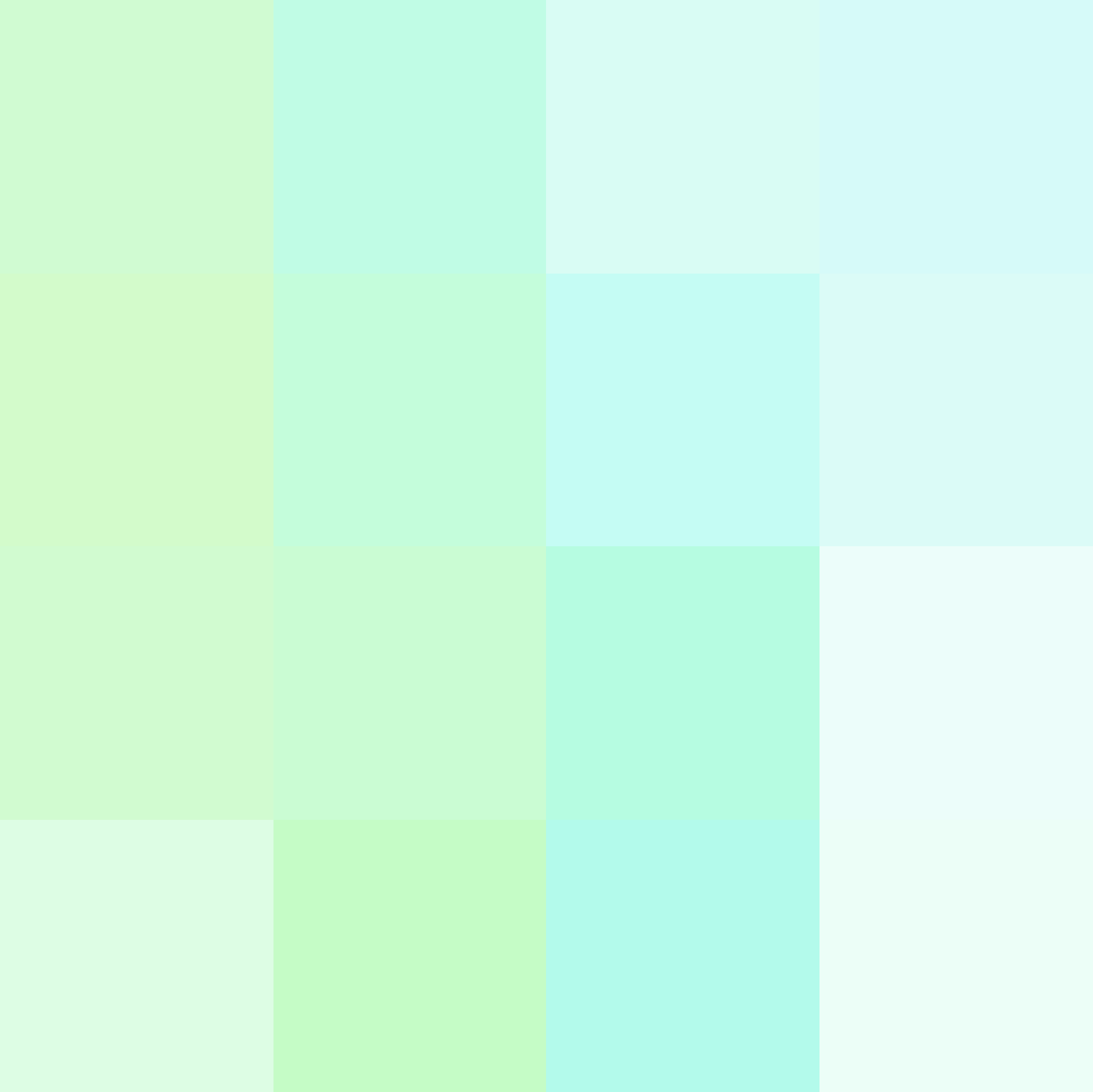The monochrome gradient in this 5 by 5 pixel grid is blue.

A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, quite some lime, some yellow, and a bit of green in it.
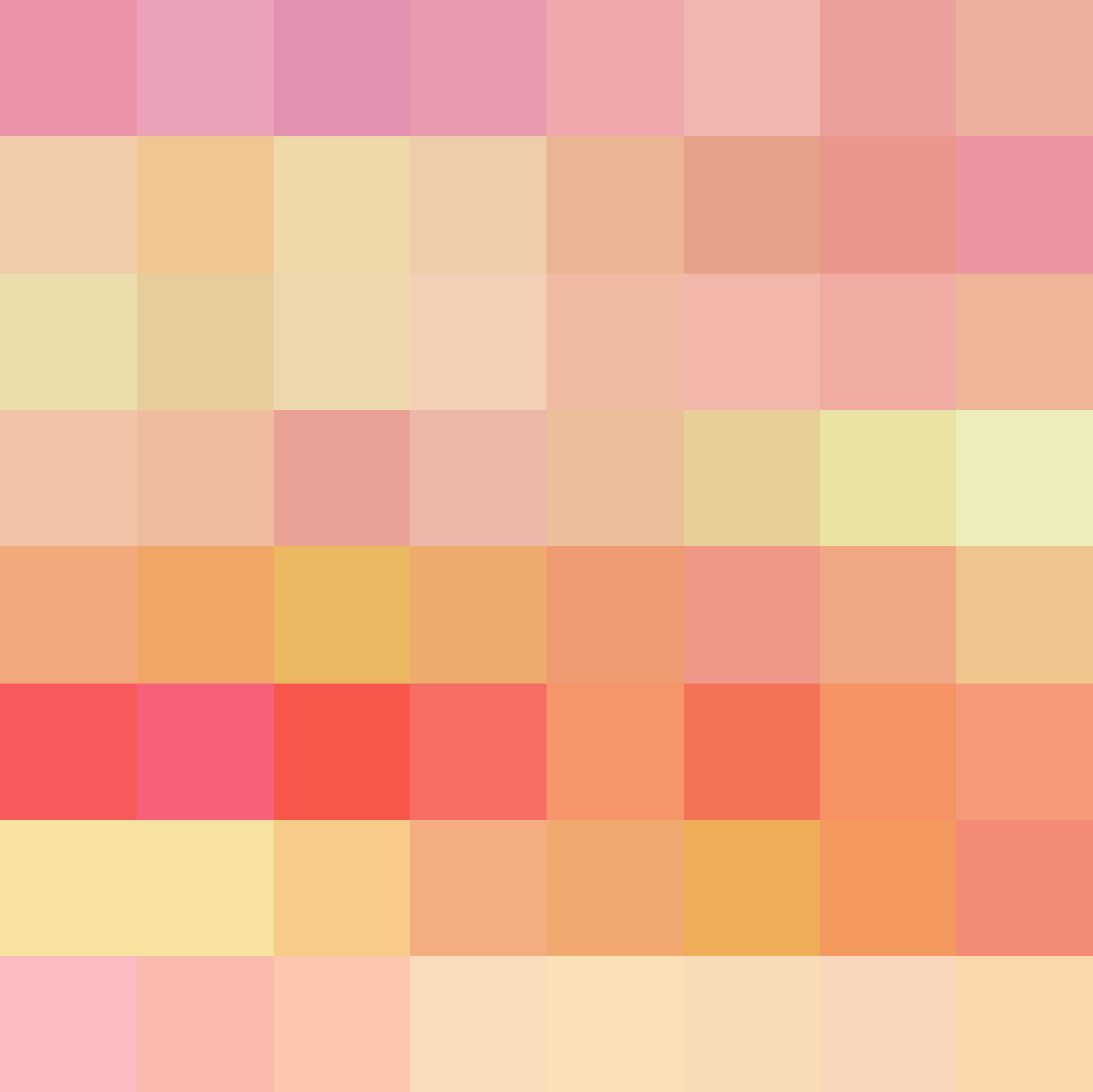
The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly green, and it also has quite some cyan, a bit of orange, a bit of yellow, and a bit of lime in it.
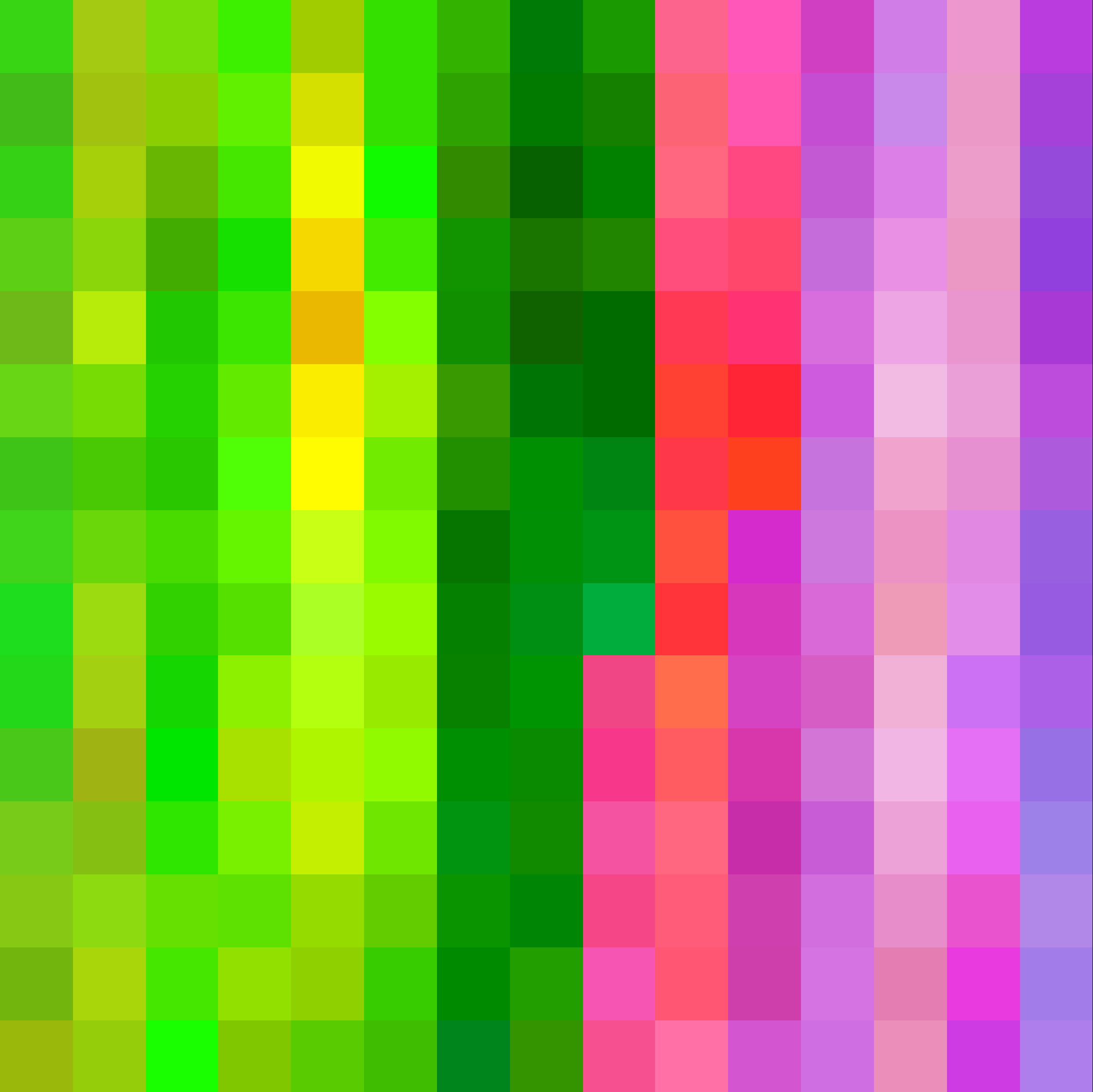
There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly green, but it also has quite some yellow, some orange, some lime, a little bit of indigo, a little bit of violet, and a tiny bit of blue in it.

The two tone gradient in this 4 by 4 pixel grid is mostly green, and it also has quite some cyan in it.
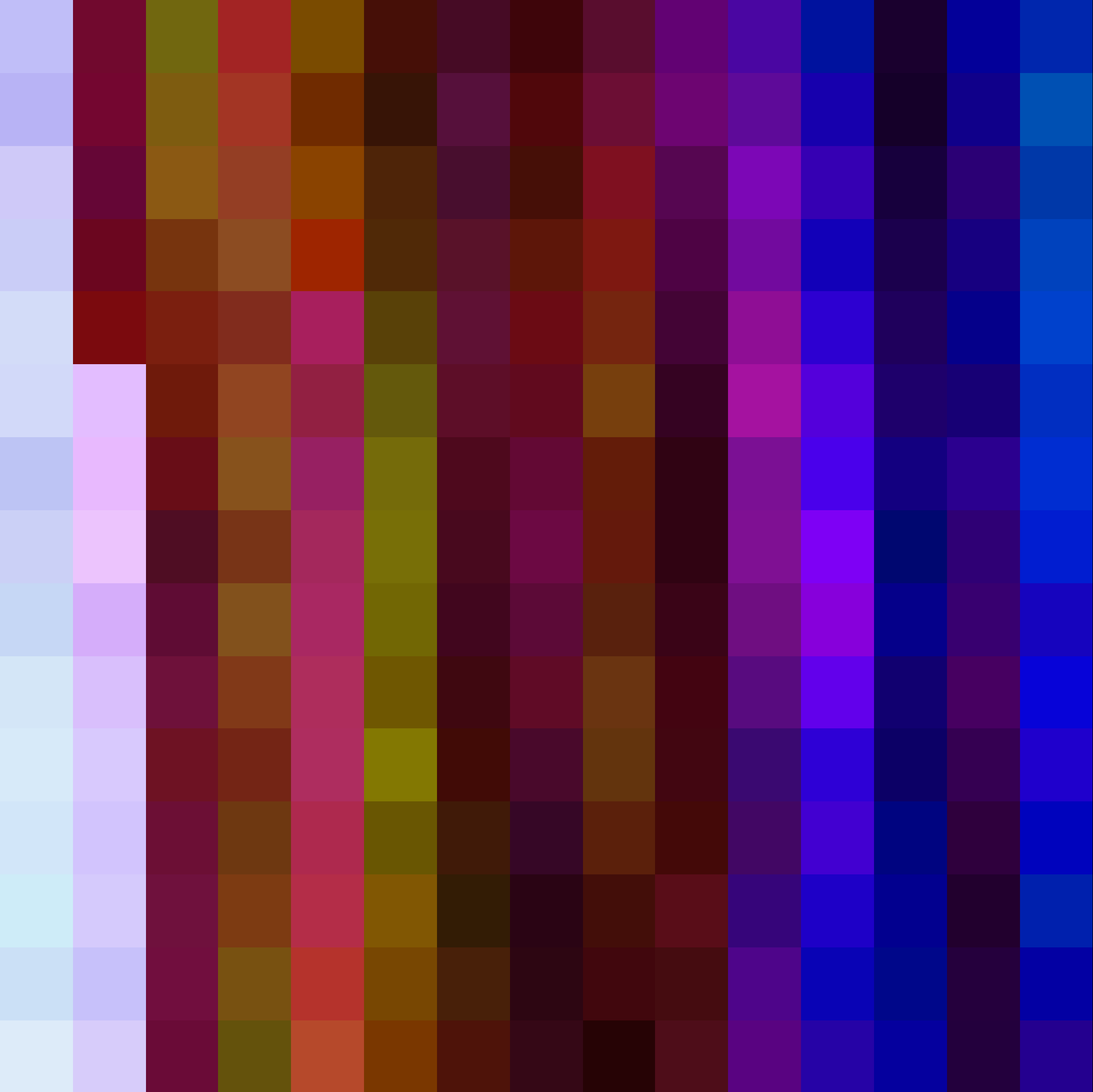
A grid with 64 coloured squares that form a
gradient. The colours are various shades of
mostly orange, but it also has quite some red,
and a little bit of yellow in it.

The very, very colourful gradient in this 15 by 15 pixel grid is mostly green, and it also has some magenta, a bit of lime, a bit of rose, a bit of red, a bit of purple, a little bit of yellow, a tiny bit of violet, and a tiny bit of indigo in it.

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

A very, very colourful grid of 225 blocks. It's mostly red, but it also has some orange, a bit of rose, a little bit of blue, a little bit of yellow, a little bit of indigo, a tiny bit of purple, and a tiny bit of violet in it.

A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, and it also has quite some yellow, some green, a bit of magenta, a little bit of red, a little bit of lime, and a tiny bit of rose in it.
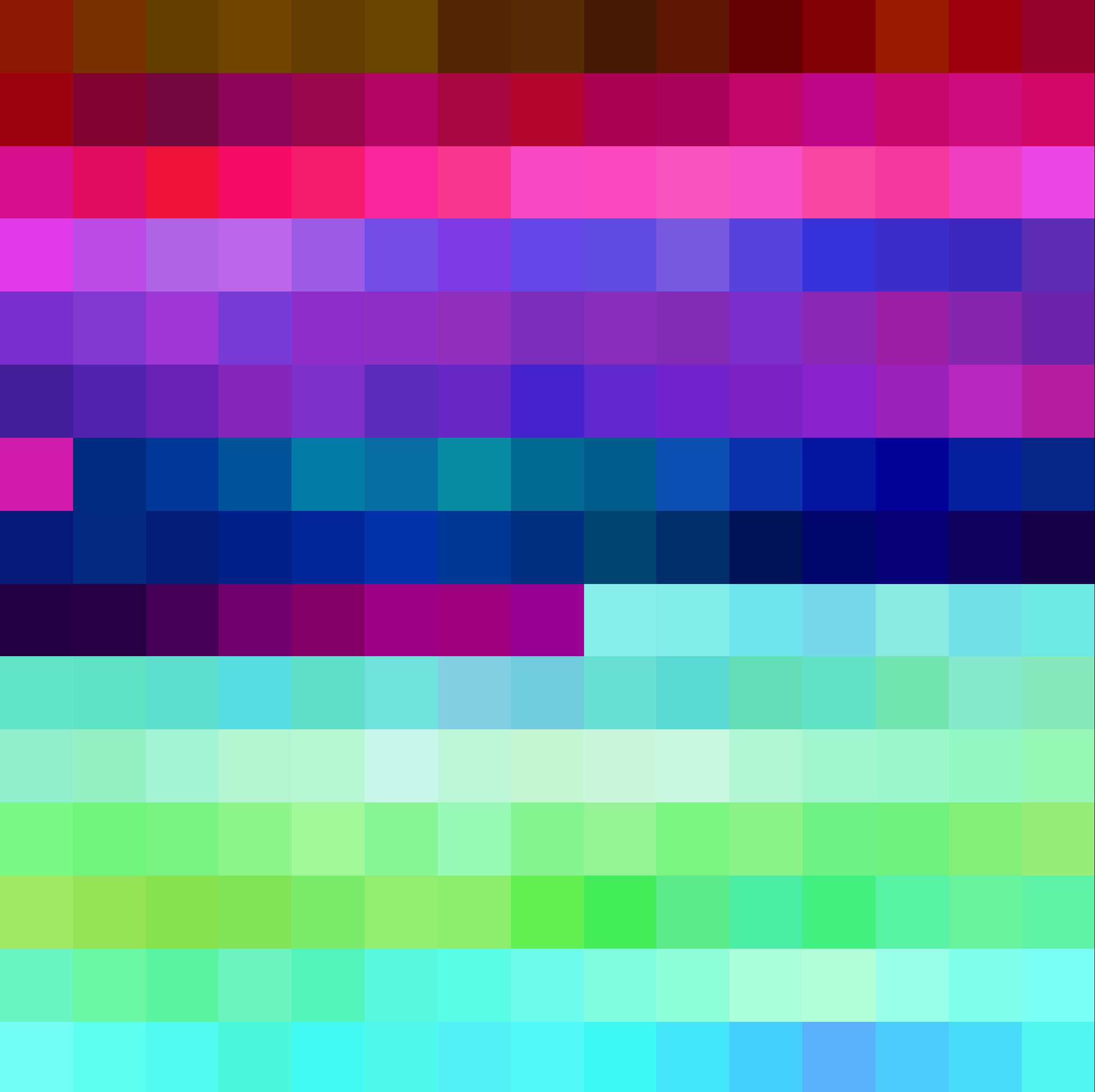
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, and it also has quite some orange, some yellow, a little bit of blue, a tiny bit of lime, a tiny bit of cyan, a tiny bit of rose, and a tiny bit of green in it.
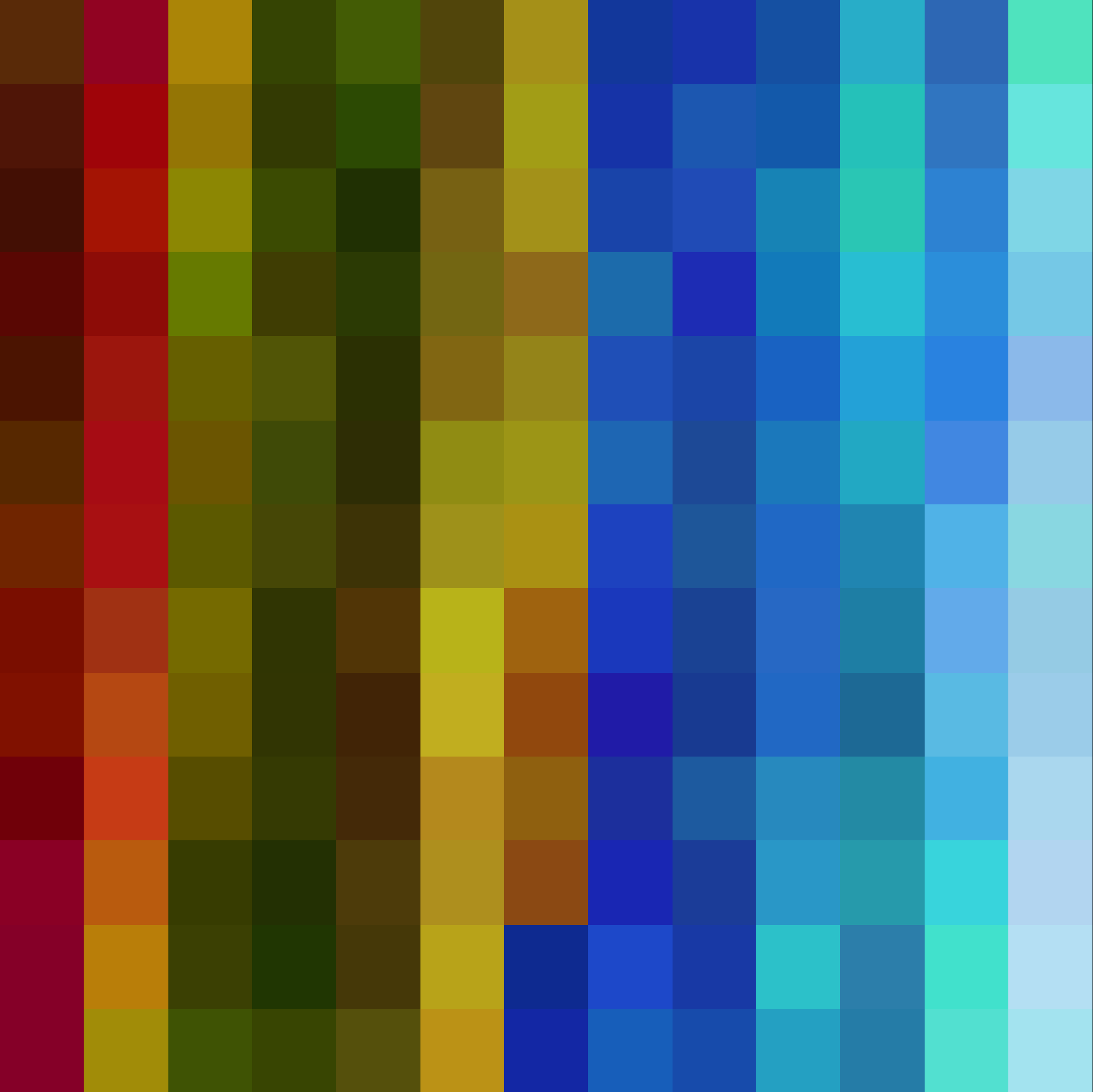
A two tone grid of 100 blocks. It's mostly red, and it also has a little bit of orange in it.

There's a colourful pixel gradient in this 7 by 7 grid. It is mostly purple, but it also has quite some blue, quite some violet, some indigo, and a little bit of magenta in it.
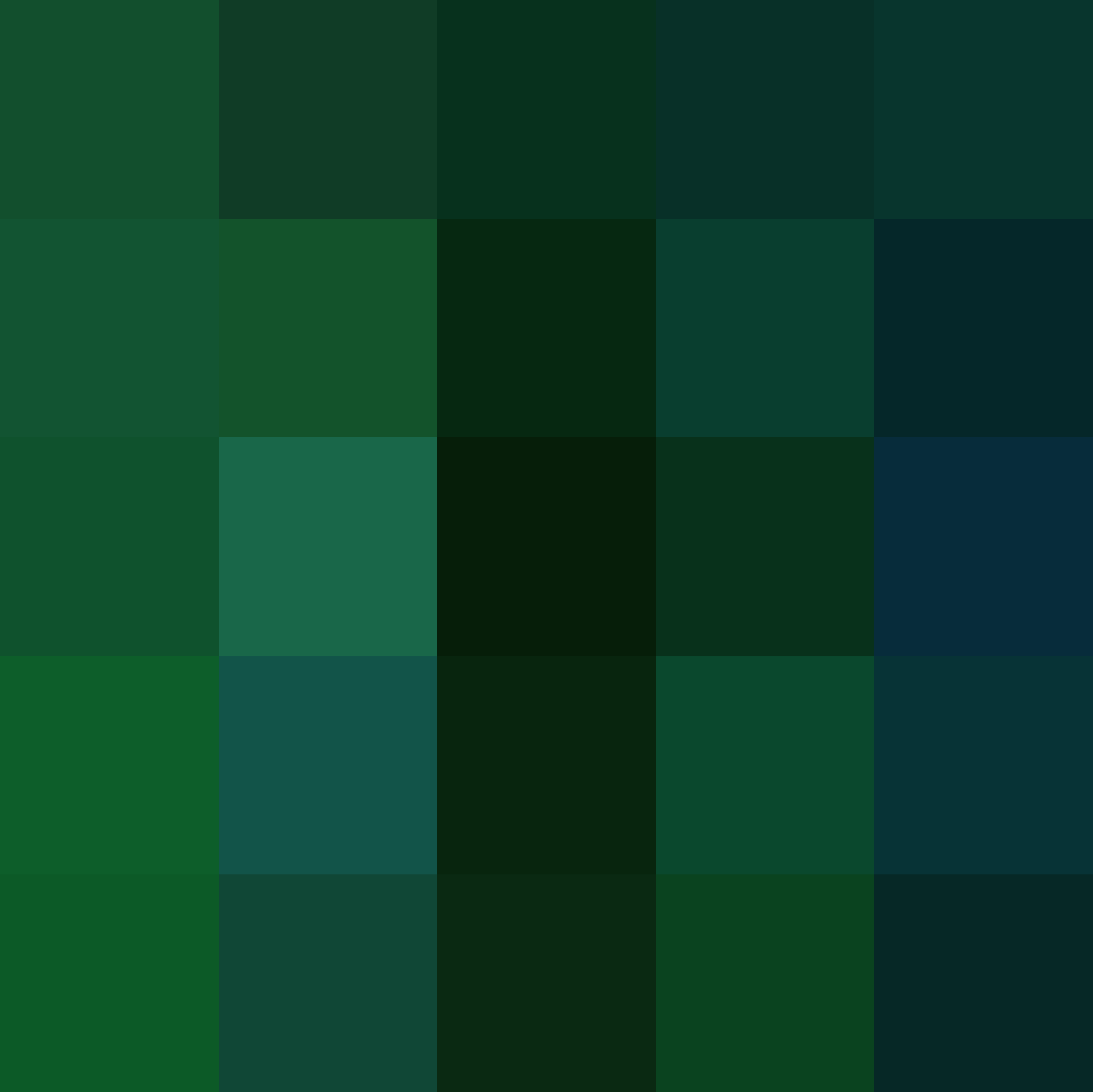
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, but it also has quite some green, some cyan, some blue, a little bit of orange, a tiny bit of magenta, a tiny bit of indigo, and a tiny bit of purple in it.
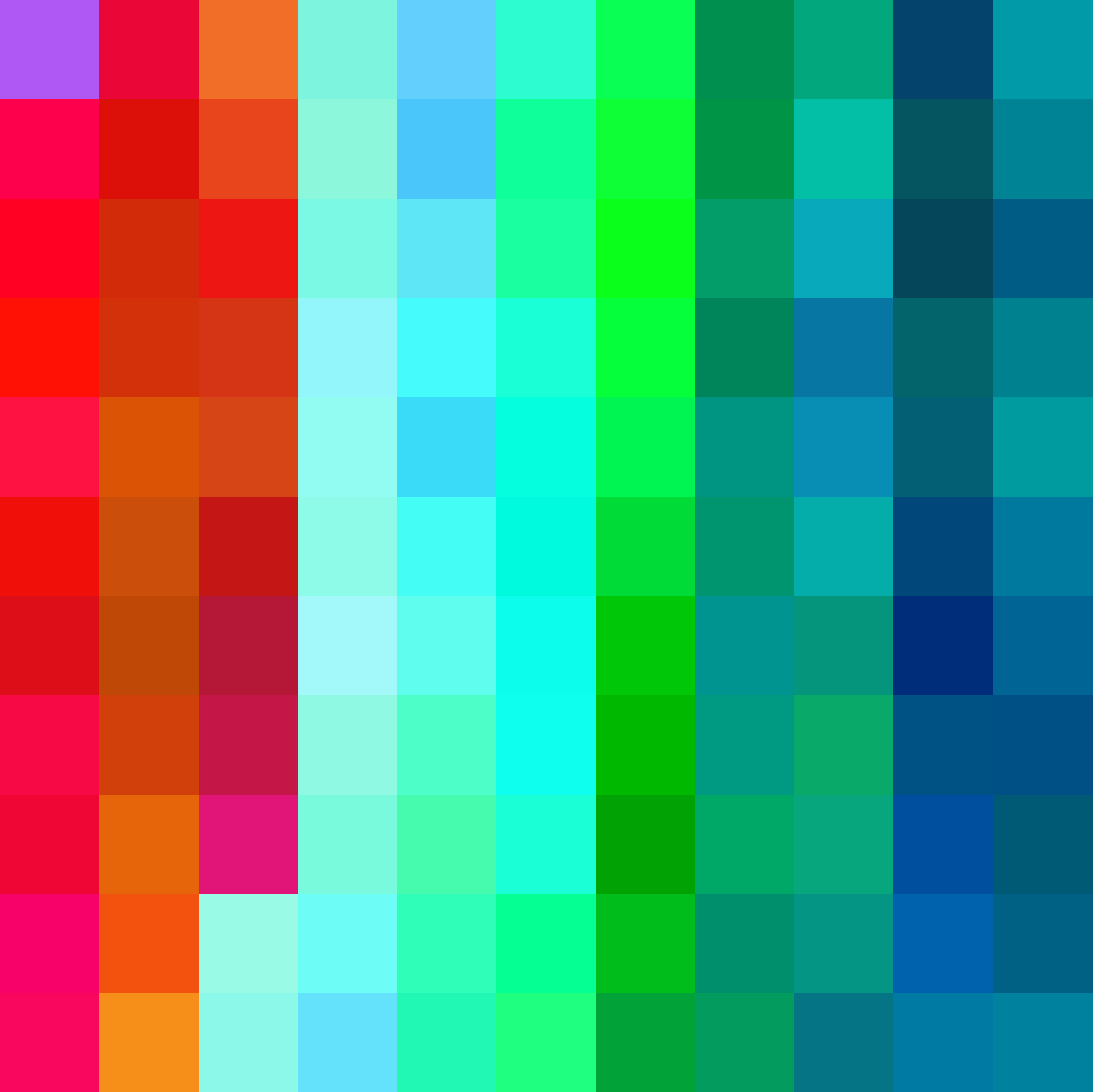
A very, very colourful grid of 169 blocks. It's mostly blue, and it also has quite some yellow, some orange, some red, a bit of cyan, a little bit of lime, a tiny bit of green, and a tiny bit of indigo in it.
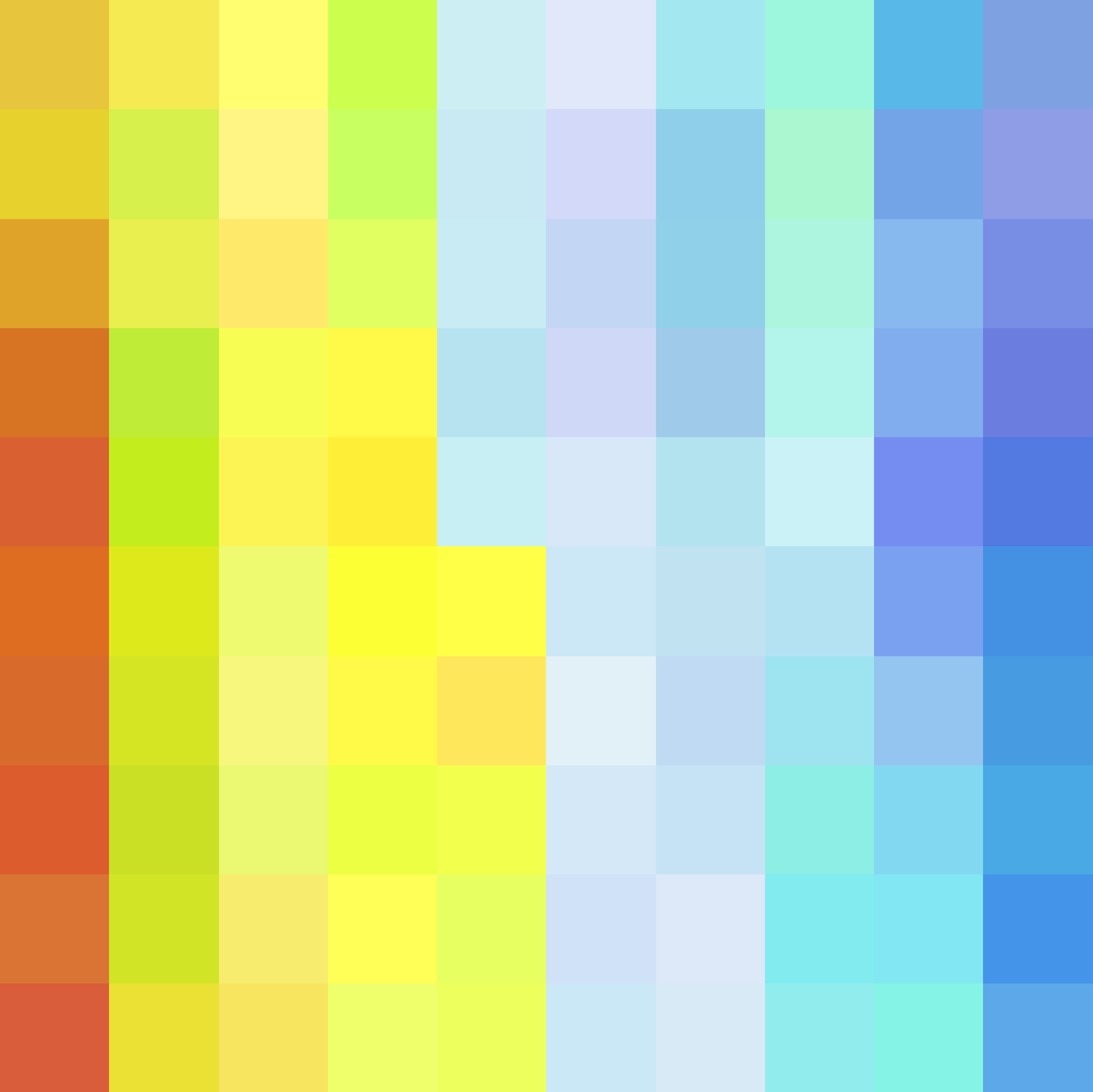
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has some magenta, some cyan, a bit of red, a bit of purple, a bit of orange, a bit of blue, a bit of yellow, a little bit of violet, a tiny bit of lime, and a tiny bit of indigo in it.
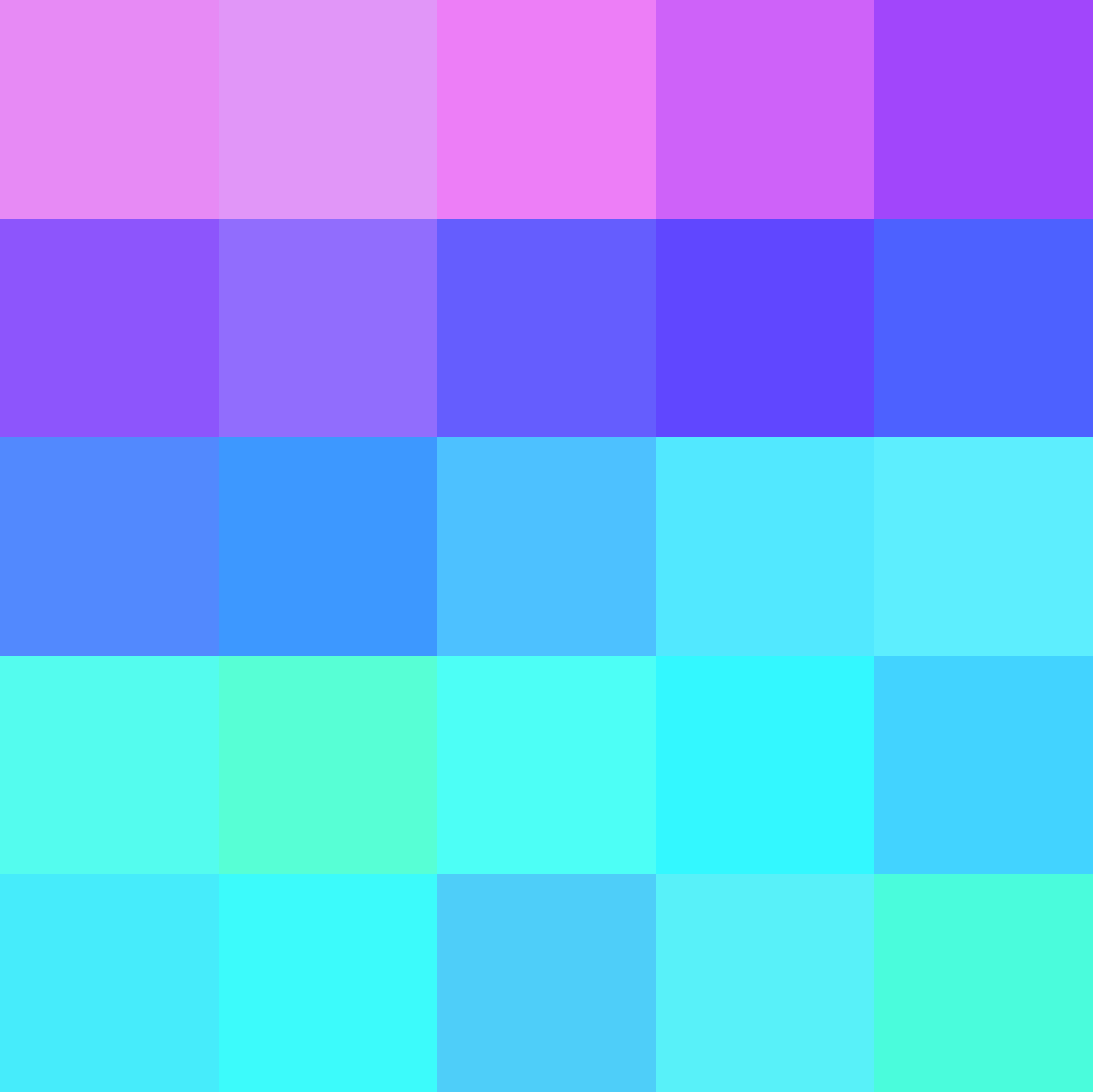
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly green, but it also has quite some cyan, and a little bit of blue in it.
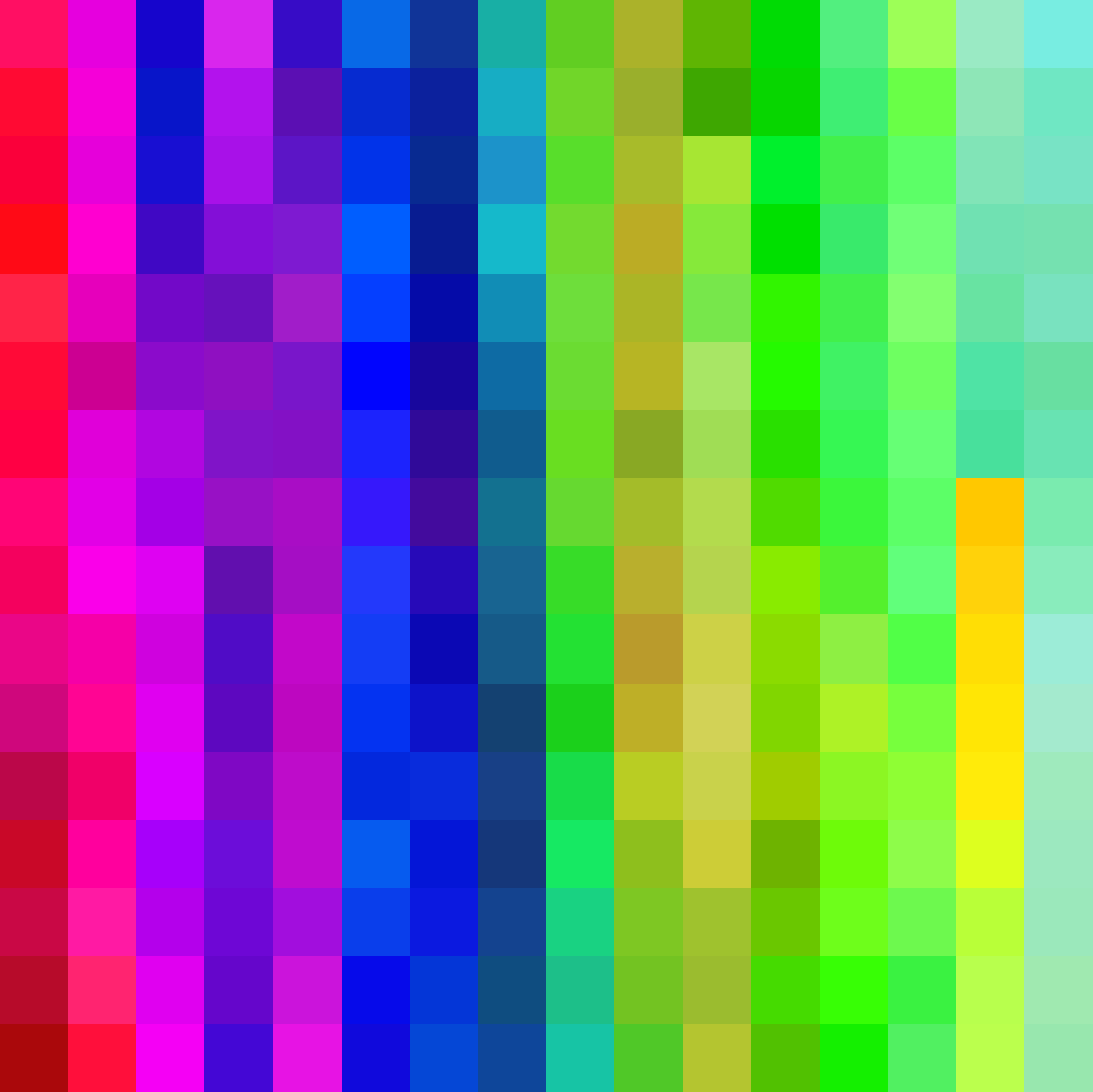
A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly cyan, and it also has quite some green, some blue, some red, a bit of orange, a little bit of rose, and a tiny bit of purple in it.
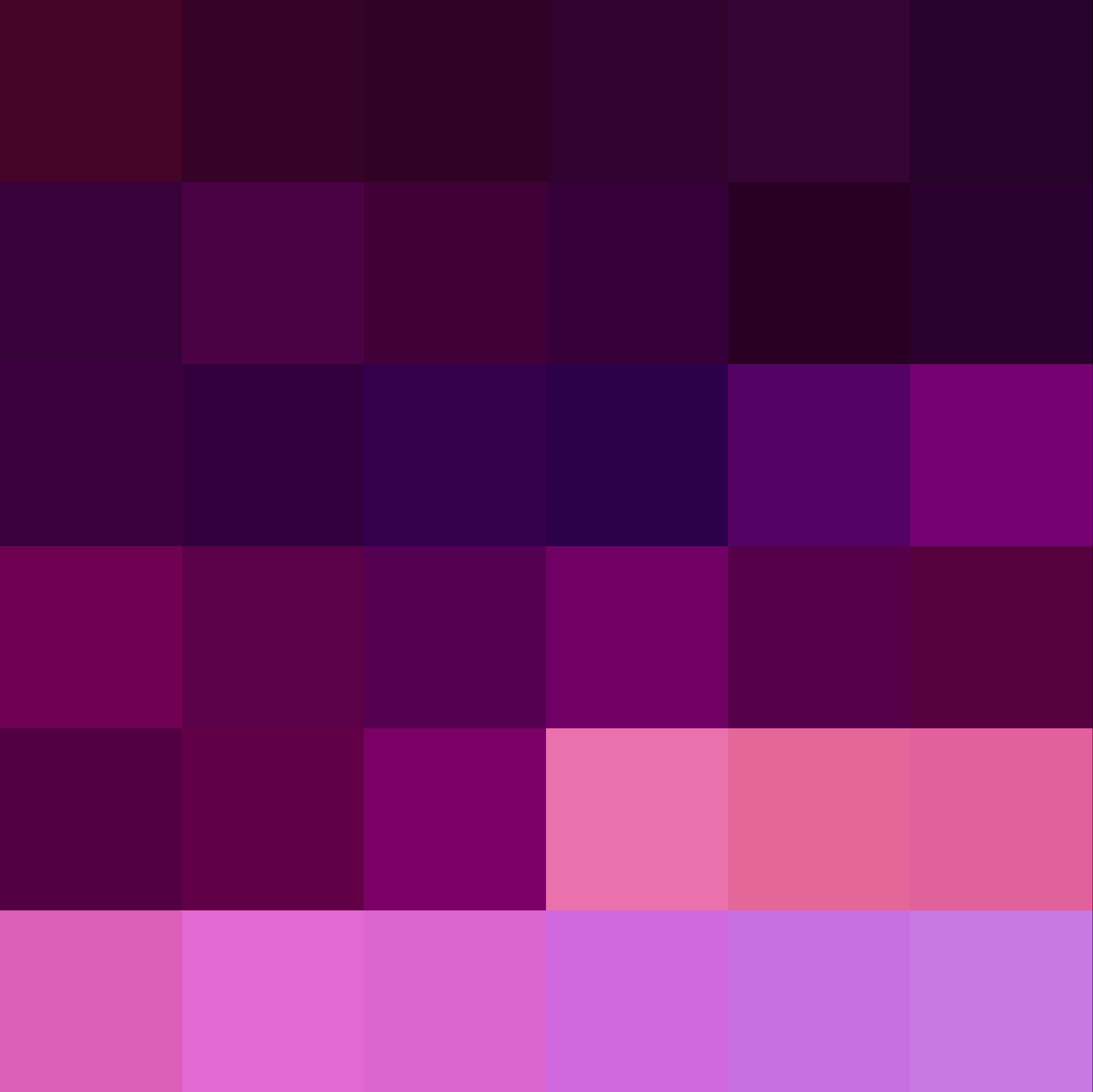
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly blue, and it also has quite some yellow, some cyan, a bit of orange, a little bit of lime, a little bit of green, and a tiny bit of red in it.
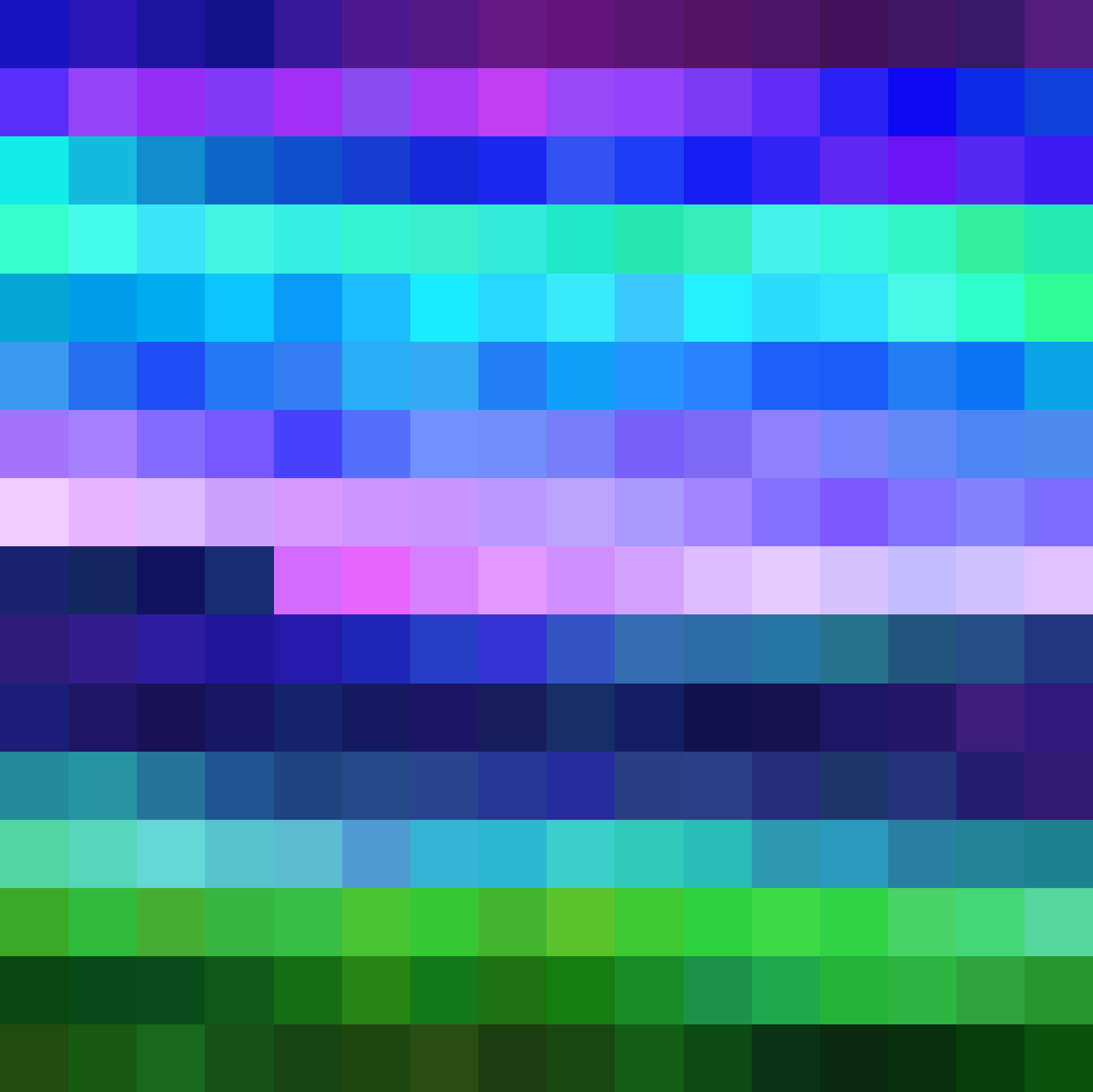
This very colourful gradient, generated in this 5 by 5 pixel grid, is mostly cyan, but it also has quite some blue, some indigo, a bit of magenta, a bit of purple, and a little bit of violet in it.
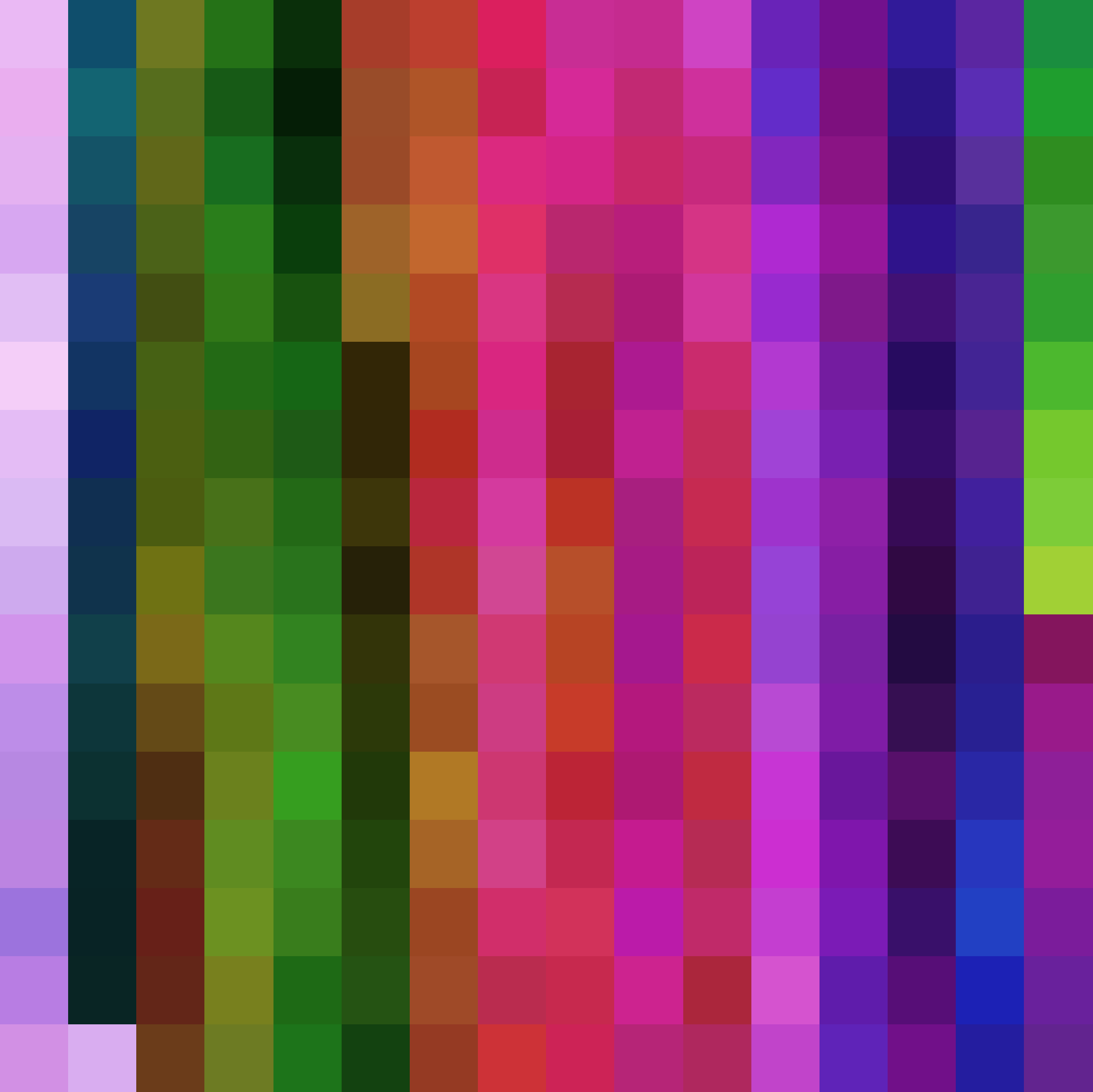
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has some blue, some magenta, a bit of purple, a bit of yellow, a little bit of indigo, a little bit of red, a little bit of violet, a little bit of rose, a little bit of lime, and a tiny bit of cyan in it.
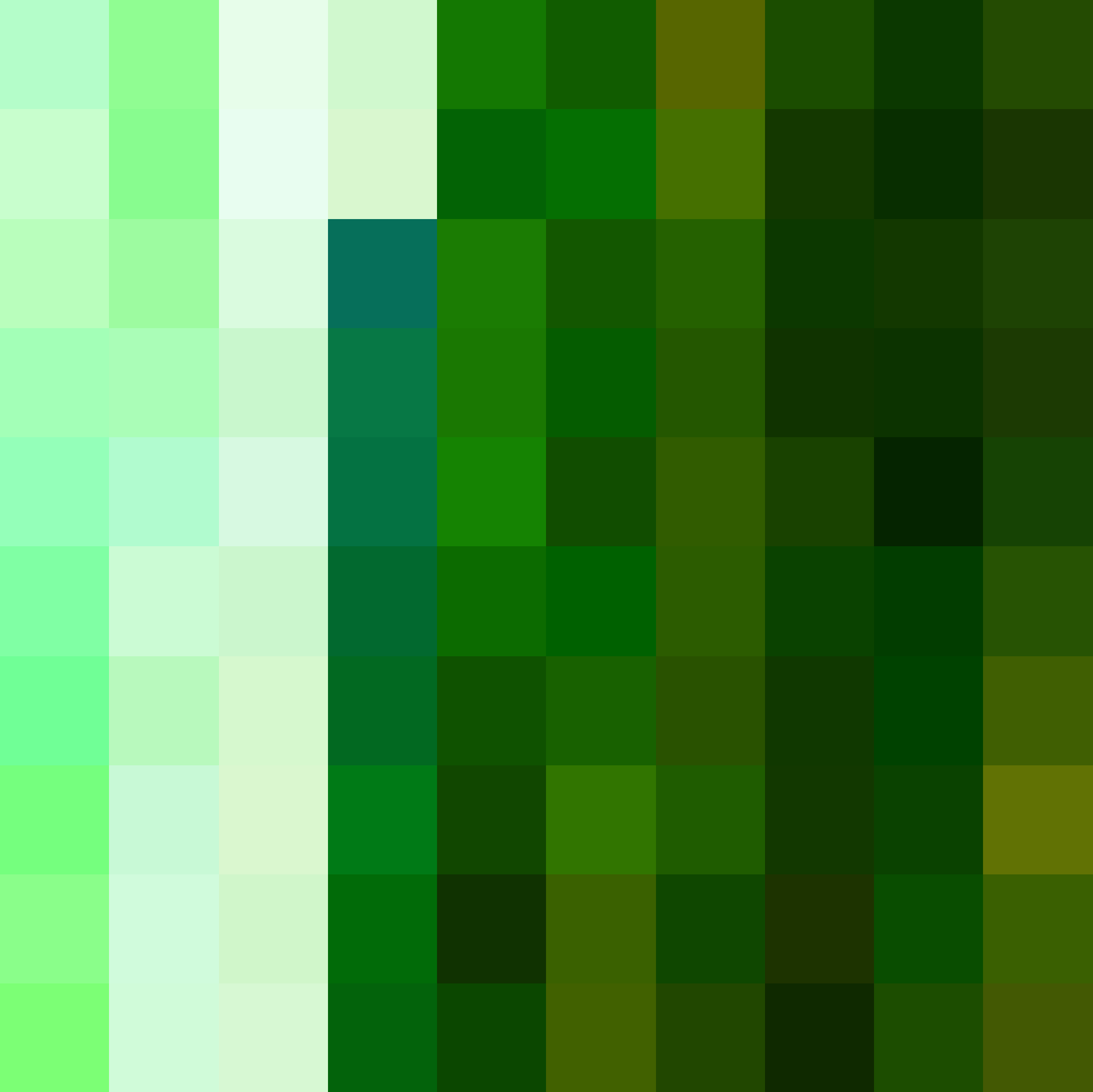
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has some purple, and some rose in it.
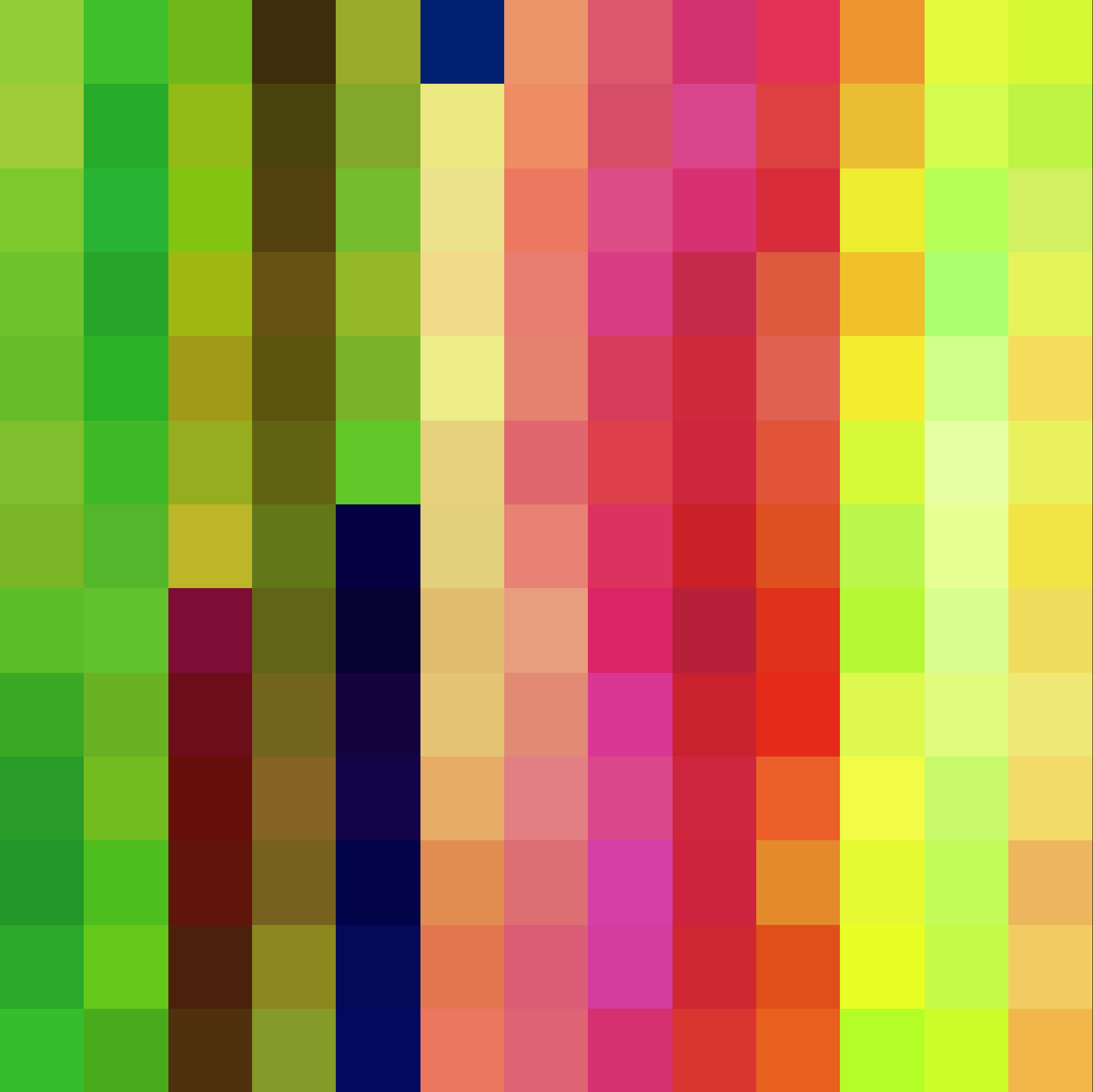
Here's a 16 by 16 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some green, some indigo, some cyan, a bit of purple, and a little bit of violet in it.
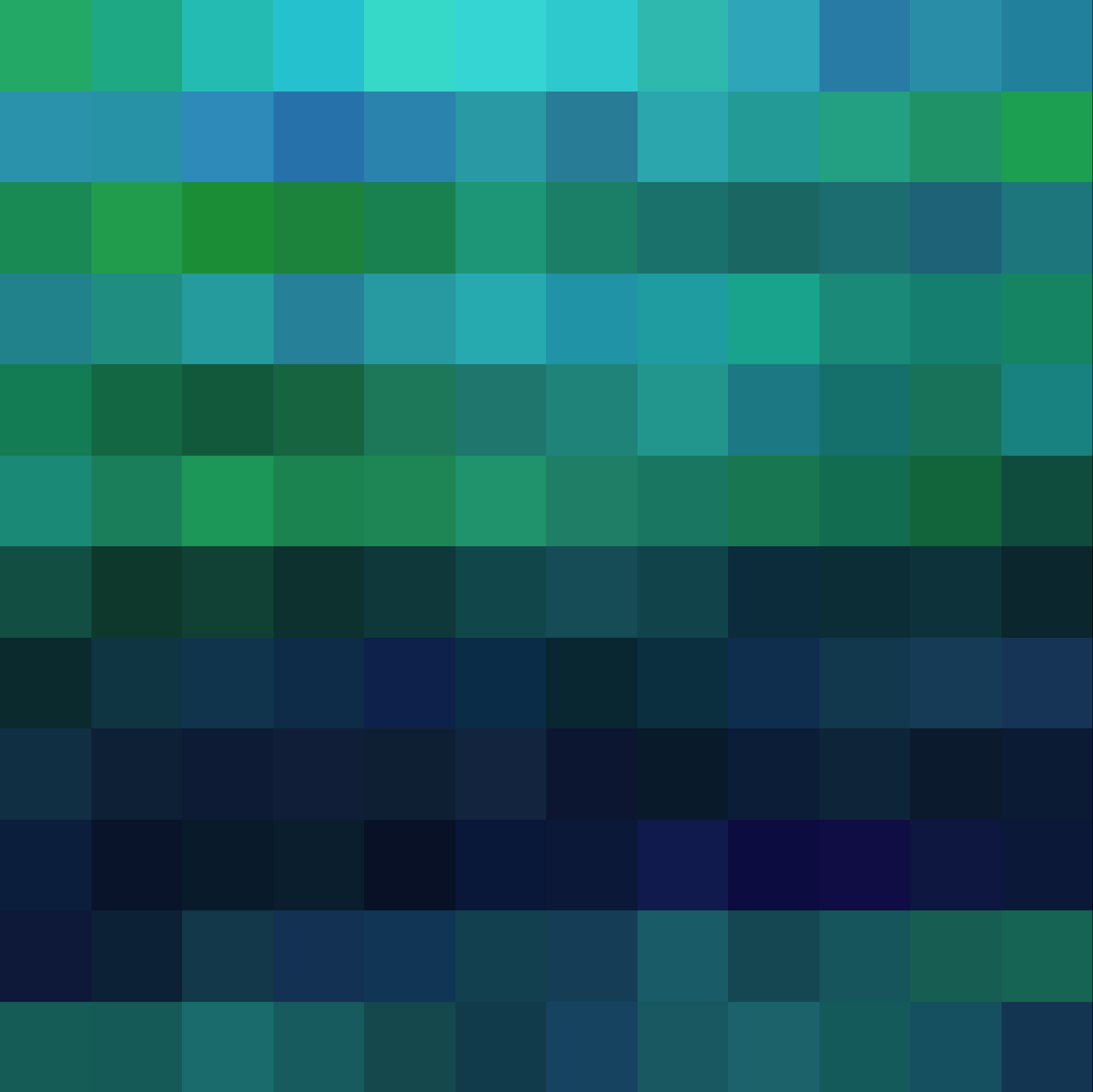
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, but it also has some green, a bit of orange, a little bit of purple, a little bit of yellow, a little bit of lime, a little bit of blue, a little bit of cyan, a tiny bit of magenta, and a tiny bit of violet in it.

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

A 13 by 13 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 green, quite some yellow, some orange, a bit of lime, a tiny bit of indigo, a tiny bit of blue, and a tiny bit of rose in it.
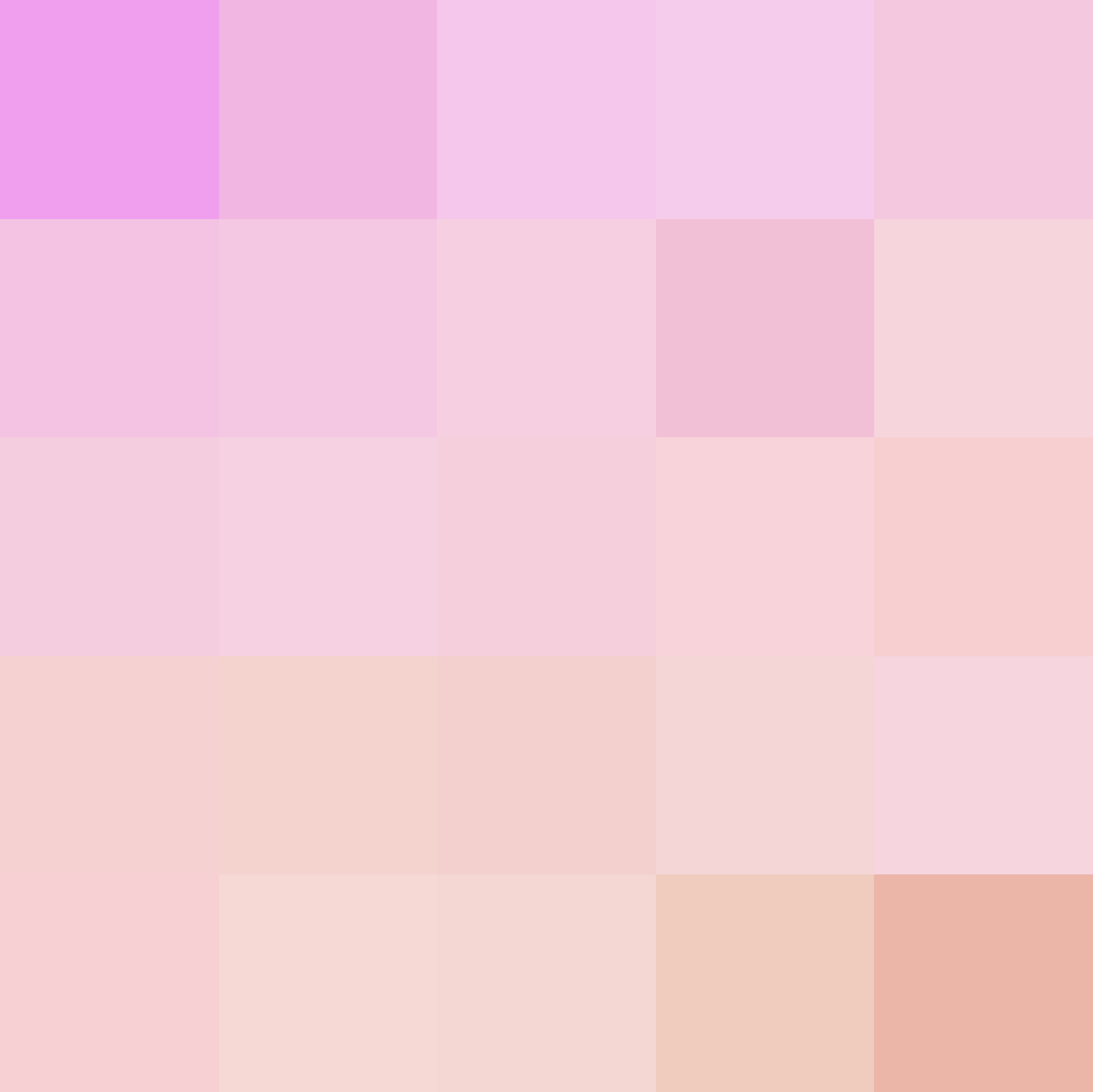
The gradient in this 12 by 12 pixel grid is mostly cyan, but it also has quite some blue, some green, and a tiny bit of indigo in it.
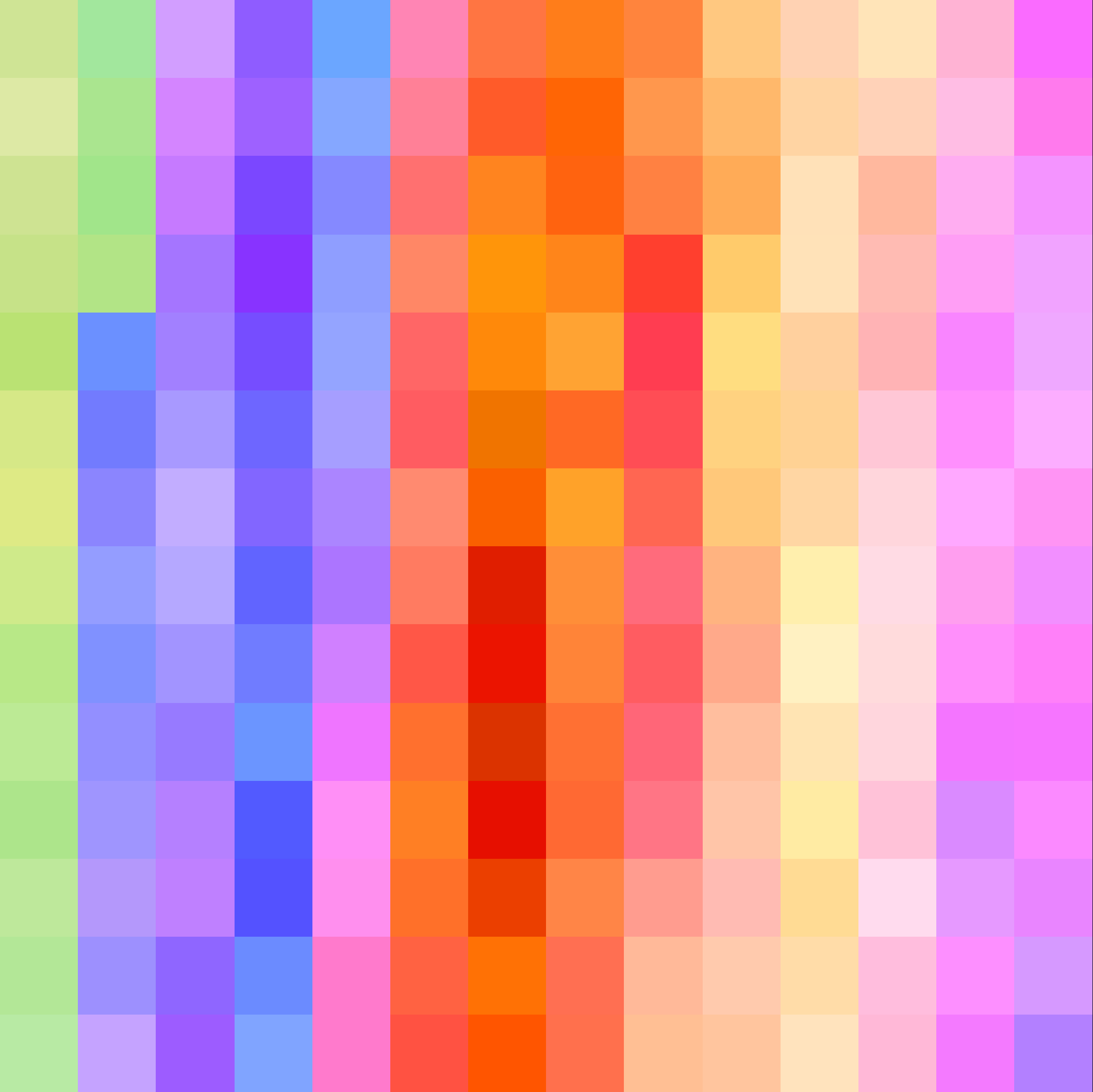
This gradient, generated in this 7 by 7 pixel grid, is mostly rose, and it also has quite some red, quite some orange, and a bit of magenta in it.

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

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some rose, quite some magenta, and a little bit of orange in it.
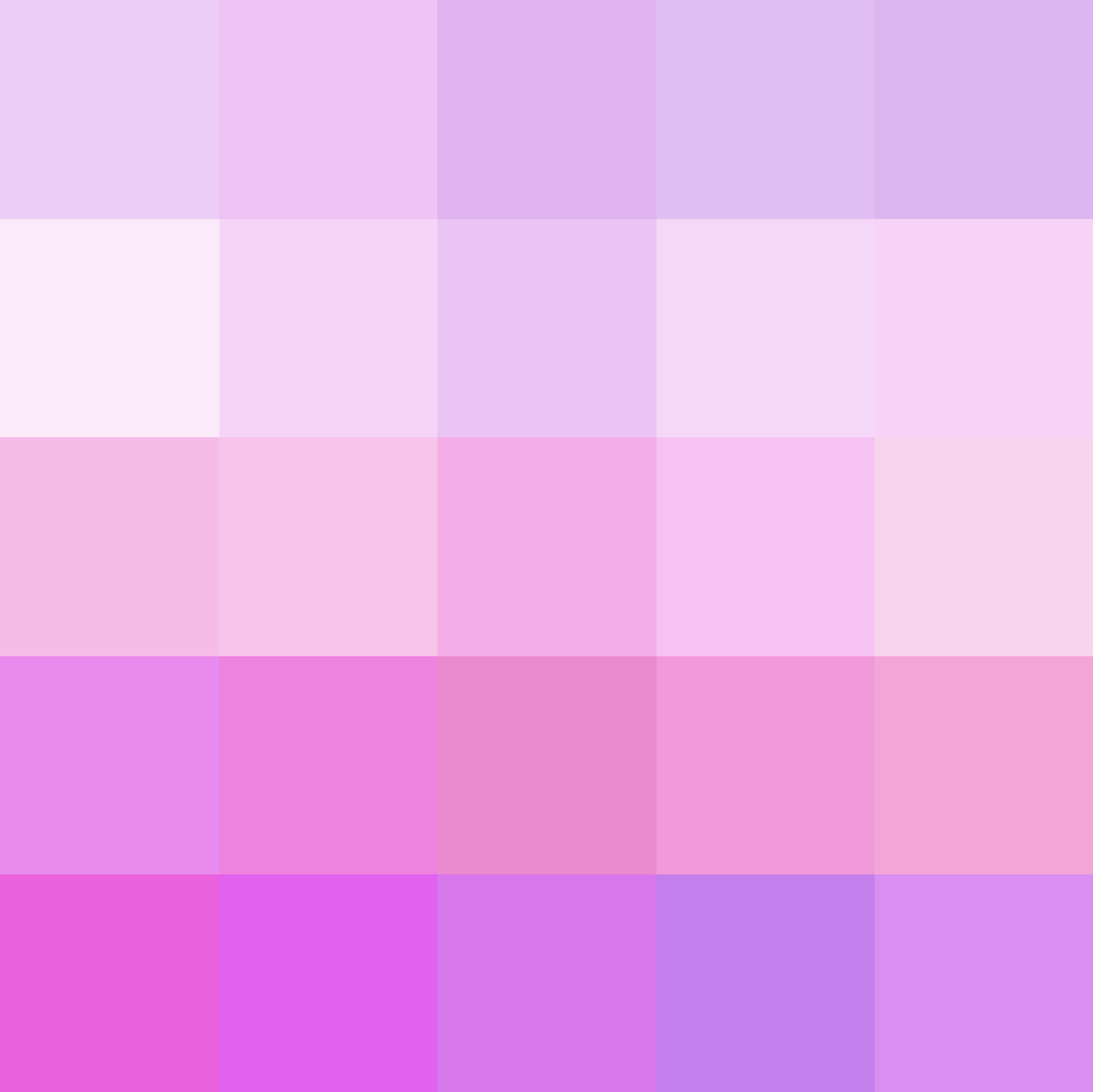
A very, very colourful grid of 196 blocks. It's mostly orange, but it also has some red, some magenta, a bit of indigo, a bit of blue, a little bit of green, a little bit of purple, a little bit of violet, a little bit of rose, a little bit of lime, and a tiny bit of yellow in it.

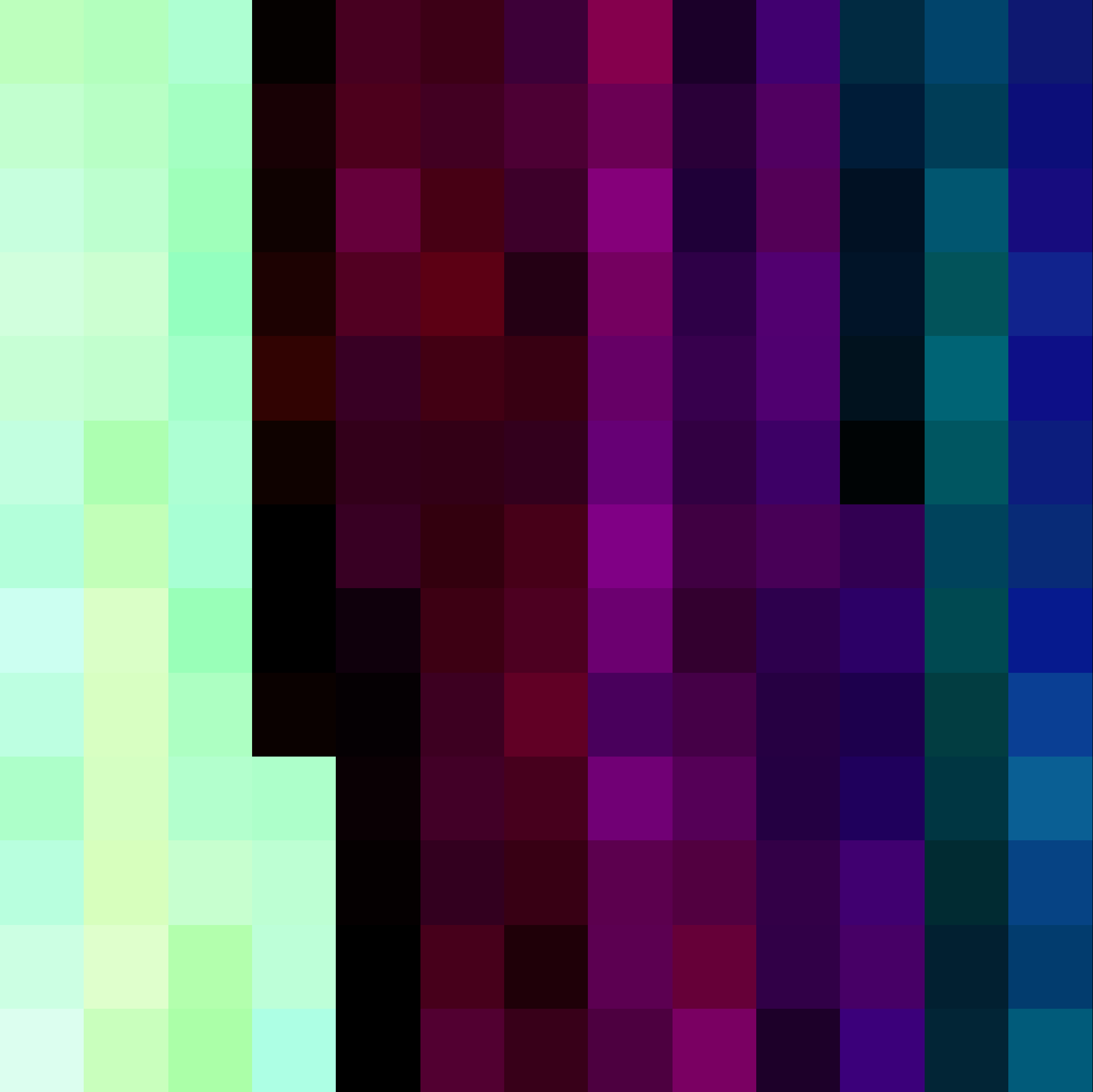This monochrome gradient, generated in this 5 by 5 pixel grid, is green.

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly blue, but it also has quite some orange, some cyan, a bit of red, a tiny bit of yellow, a tiny bit of green, and a tiny bit of indigo in it.
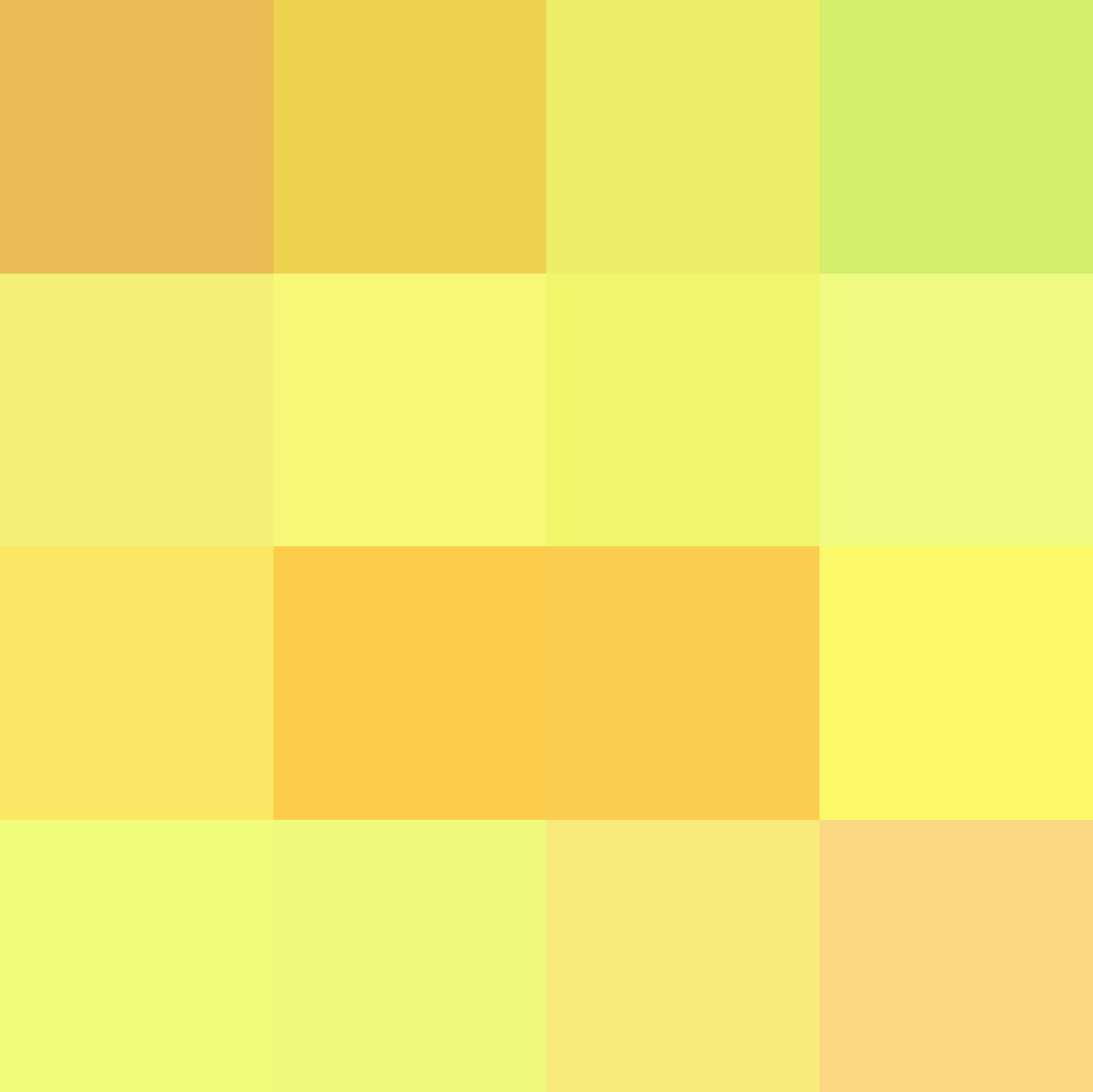
There's a two tone pixel gradient in this 5 by 5 grid. It is mostly magenta, and it also has quite some purple in it.
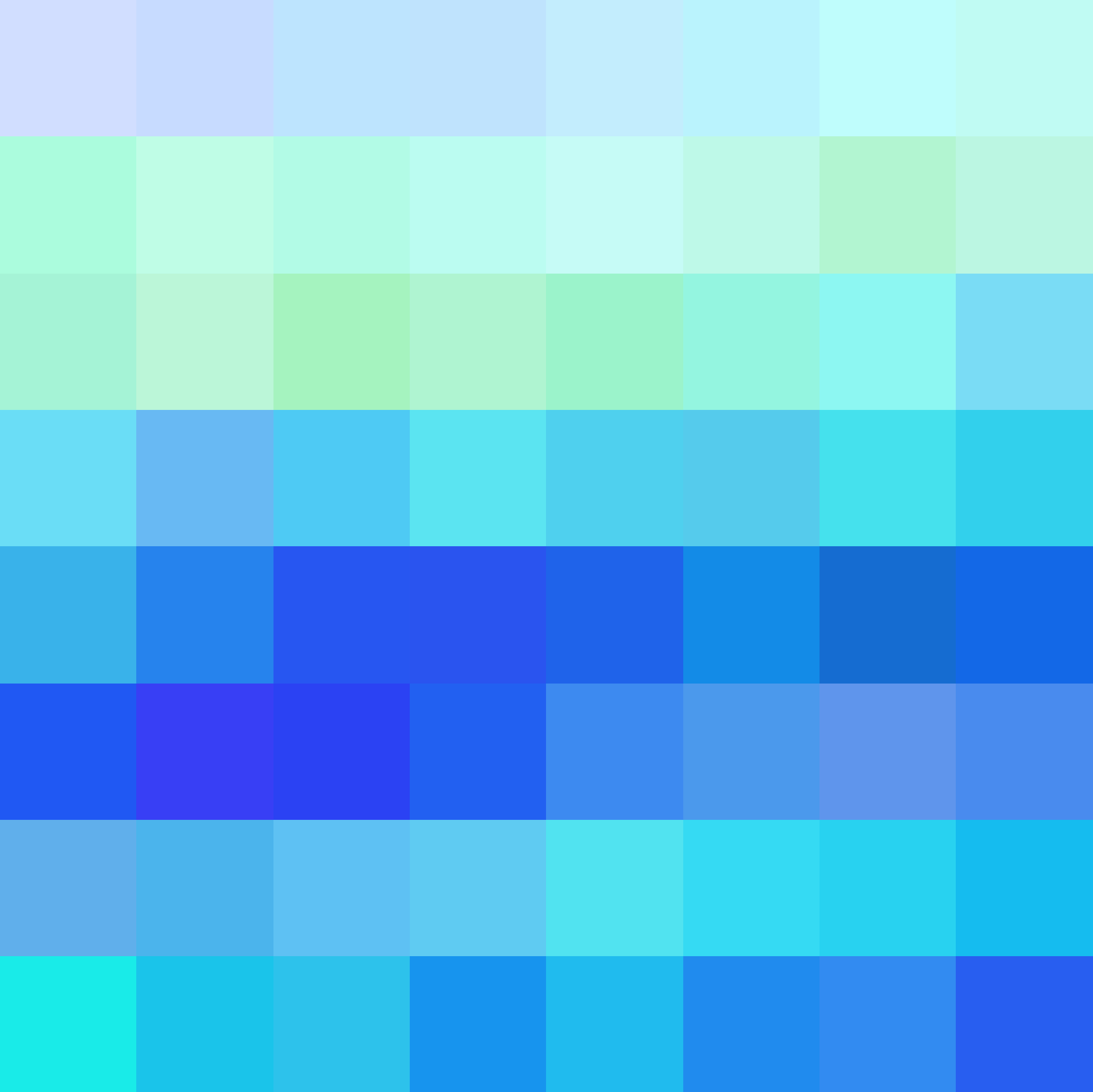
A 7 by 7 grid with coloured squares that form a monochrome gradient. The colours are various shades of red.

This colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly red, but it also has quite some green, some blue, a little bit of cyan, and a tiny bit of indigo in it.

A grid of 16 blocks. It's mostly yellow, but it also has quite some orange, and a little bit of lime in it.

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

This very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly orange, but it also has quite some magenta, quite some red, some yellow, some green, a bit of rose, and a tiny bit of lime in it.

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

Here's a 16 by 16 pixelated grid that forms a colourful gradient. It is mostly red, but it also has some green, some yellow, a bit of lime, and a tiny bit of orange in it.

A very, very colourful grid of 121 blocks. It's mostly red, and it also has quite some magenta, some rose, a bit of orange, a bit of green, a little bit of yellow, a little bit of purple, and a little bit of lime in it.
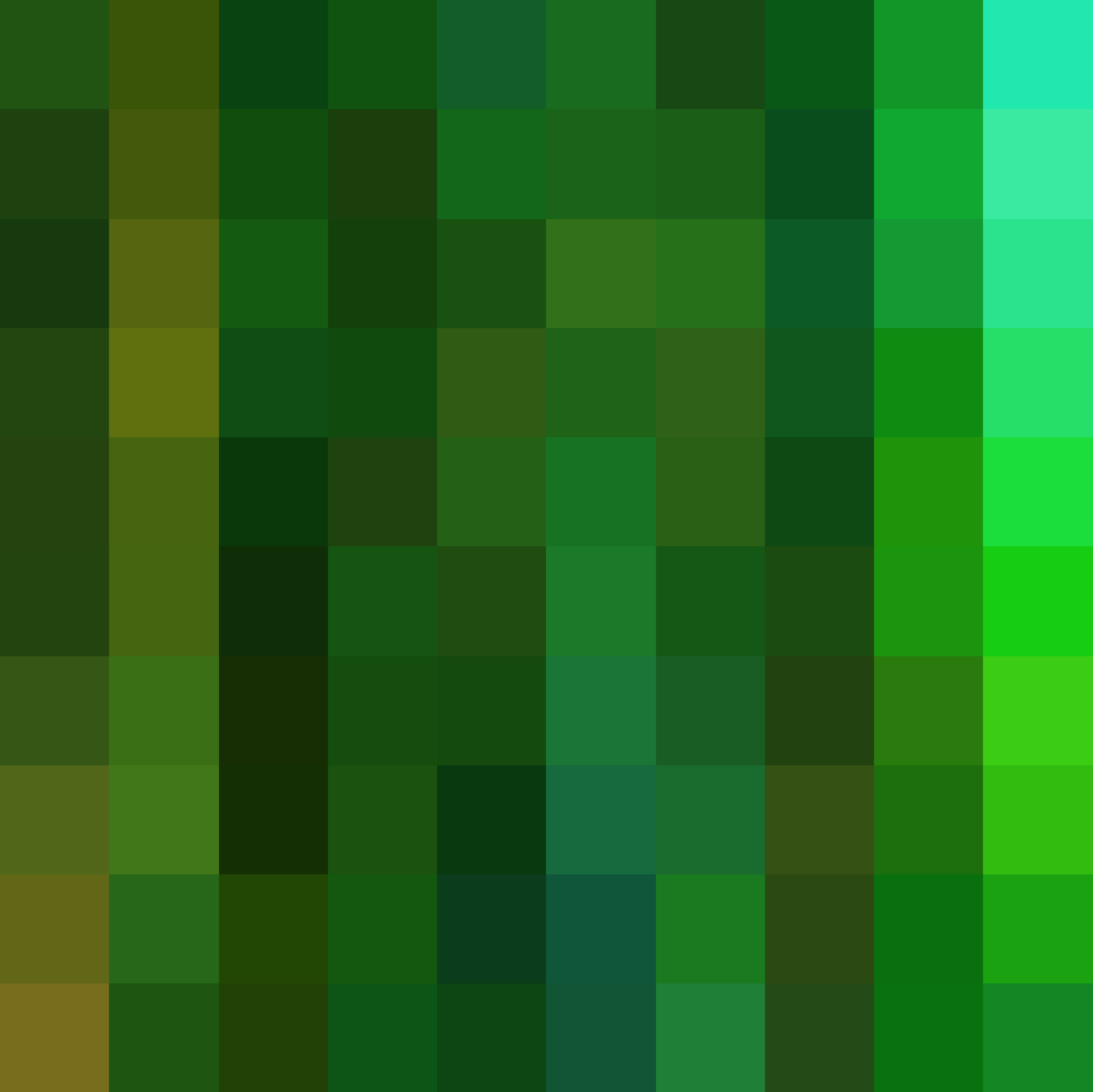
The gradient in this 5 by 5 pixel grid is mostly green, and it also has quite some cyan, and a bit of lime in it.

Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some magenta, some purple, a bit of cyan, a little bit of rose, a tiny bit of violet, and a tiny bit of green in it.

The cells in this 9 by 9 pixel grid form a gradient. It is mostly red, but it also has quite some yellow, a tiny bit of orange, and a tiny bit of lime in it.
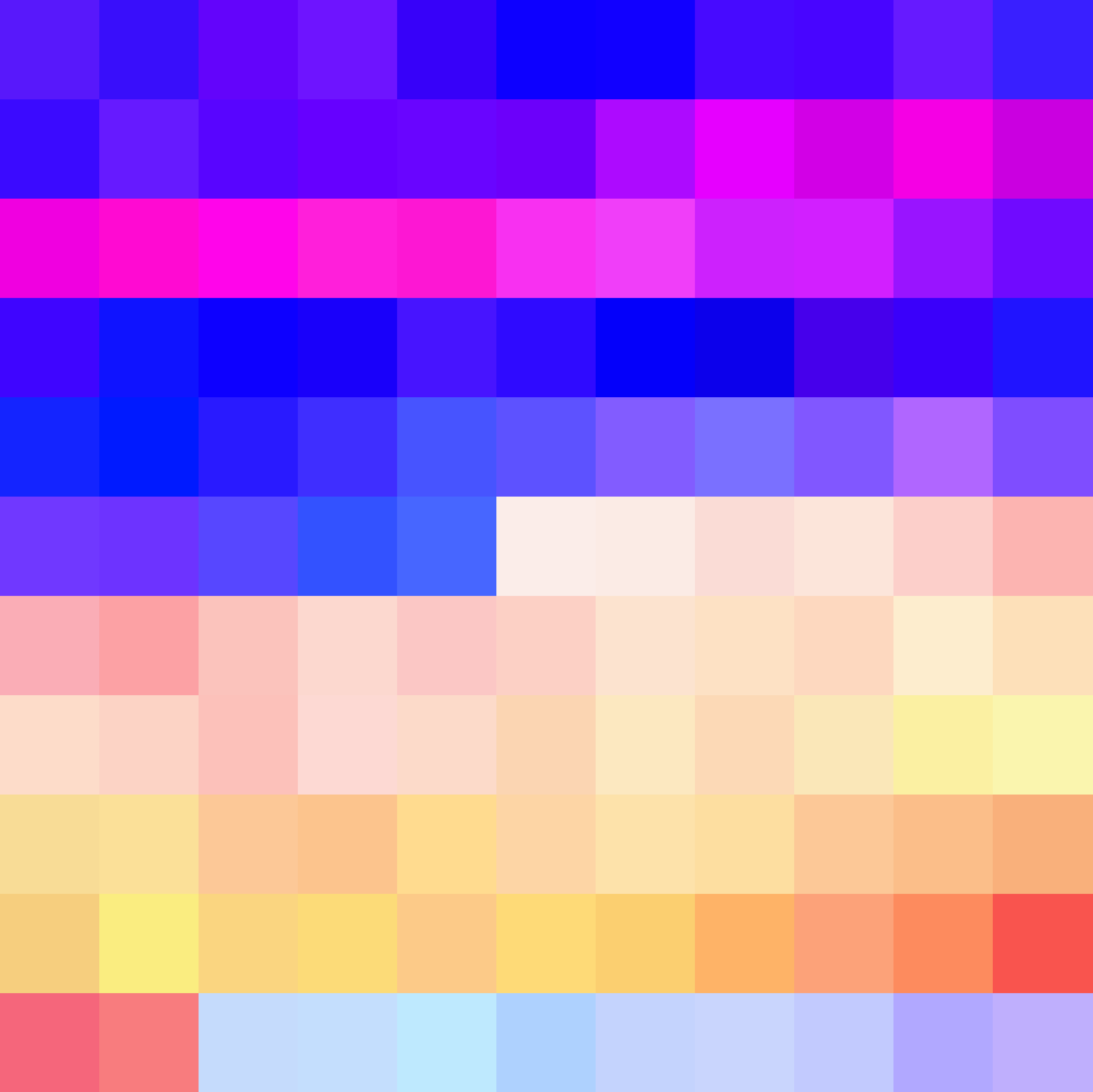
There's a pixel gradient in this 10 by 10 grid. It is mostly green, but it also has a little bit of yellow, and a little bit of lime in it.
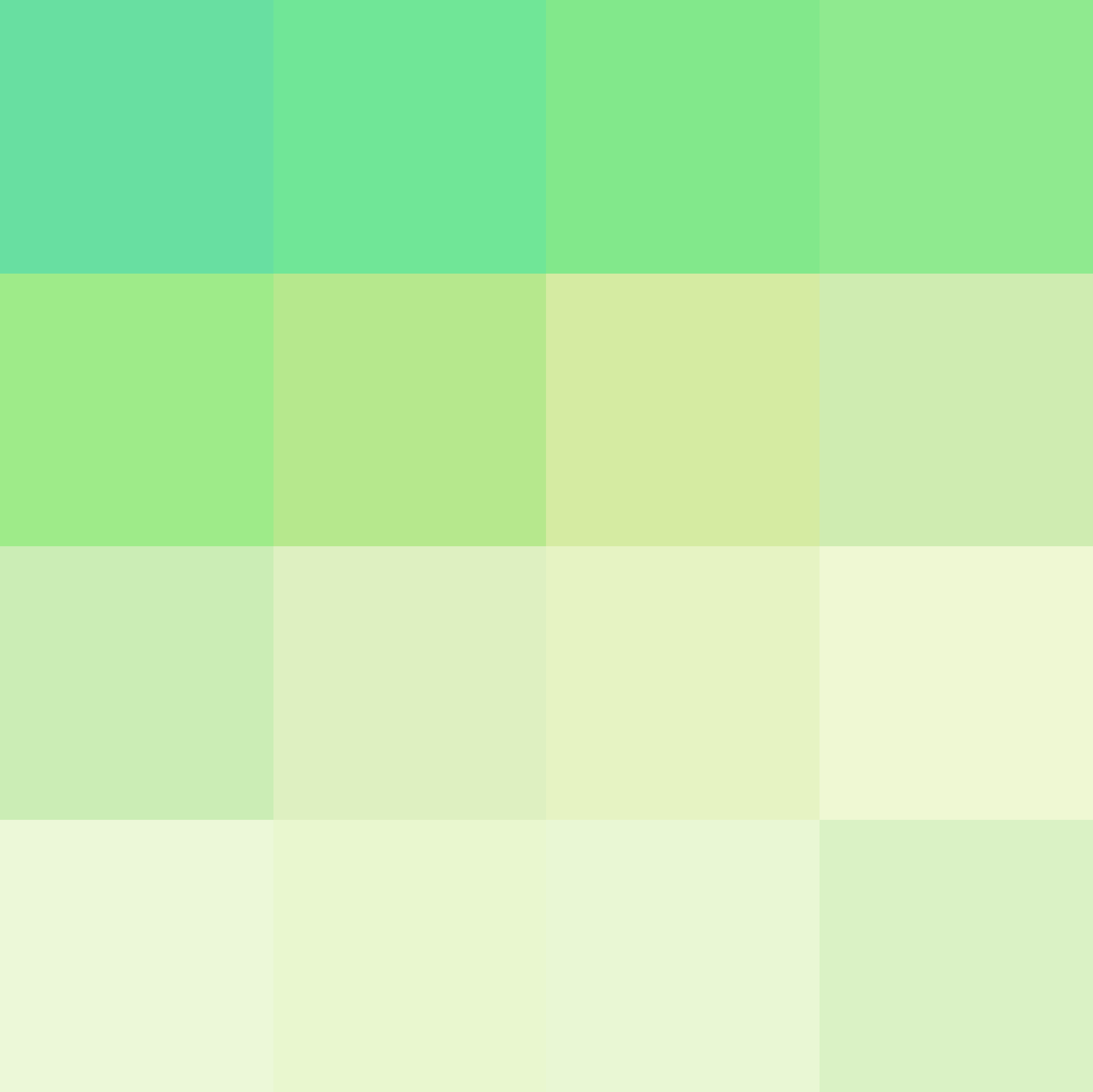
This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly red, and it also has a bit of orange, a bit of cyan, a little bit of yellow, a tiny bit of blue, and a tiny bit of green in it.
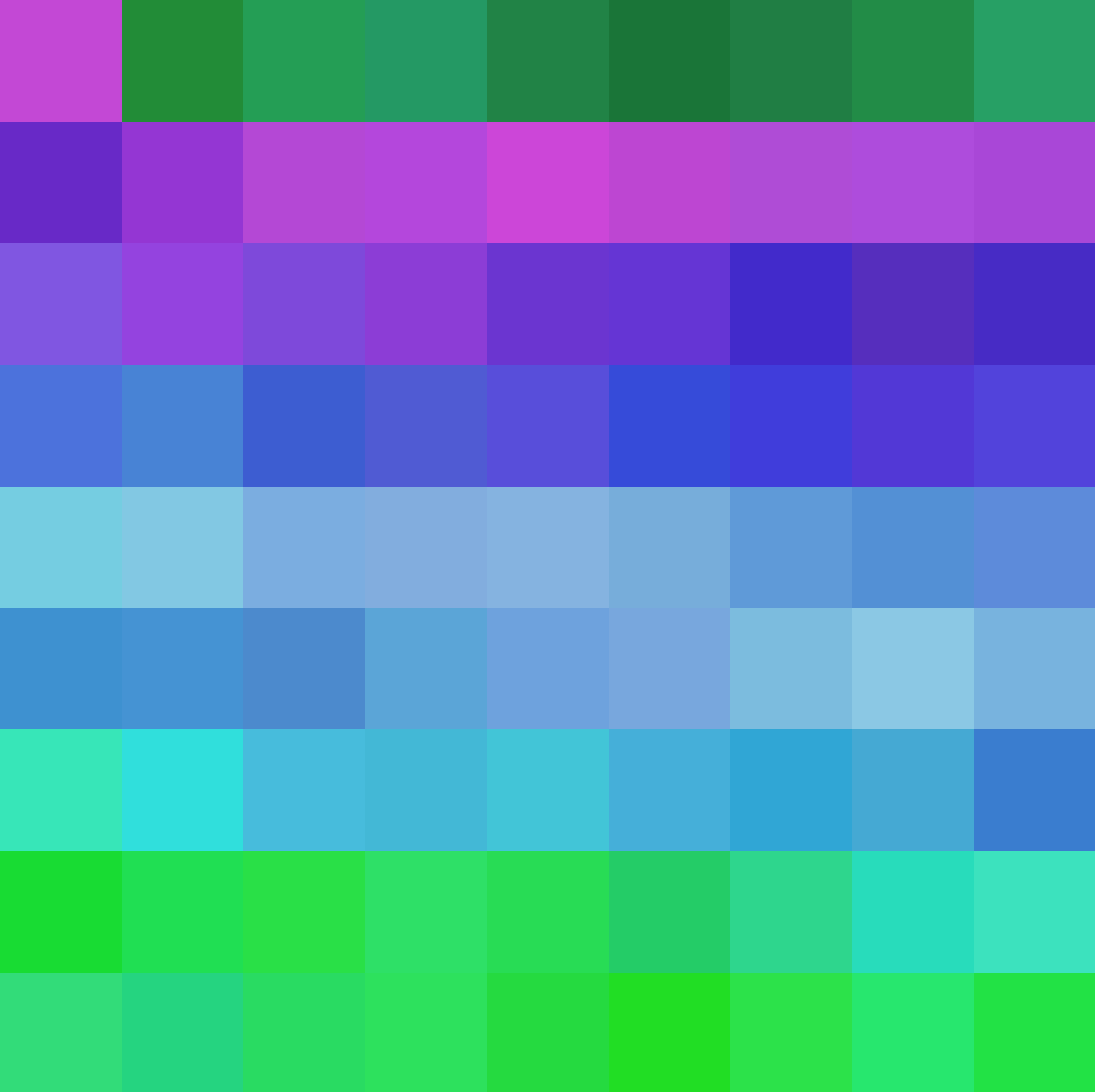
The two tone gradient in this 6 by 6 pixel grid is mostly magenta, and it also has a little bit of rose in it.

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

The two tone gradient in this 4 by 4 pixel grid is mostly green, but it also has some lime in it.

The cells in this 9 by 9 pixel grid form a very colourful gradient. It is mostly blue, but it also has quite some green, some purple, some indigo, a bit of cyan, a little bit of violet, and a tiny bit of magenta in it.
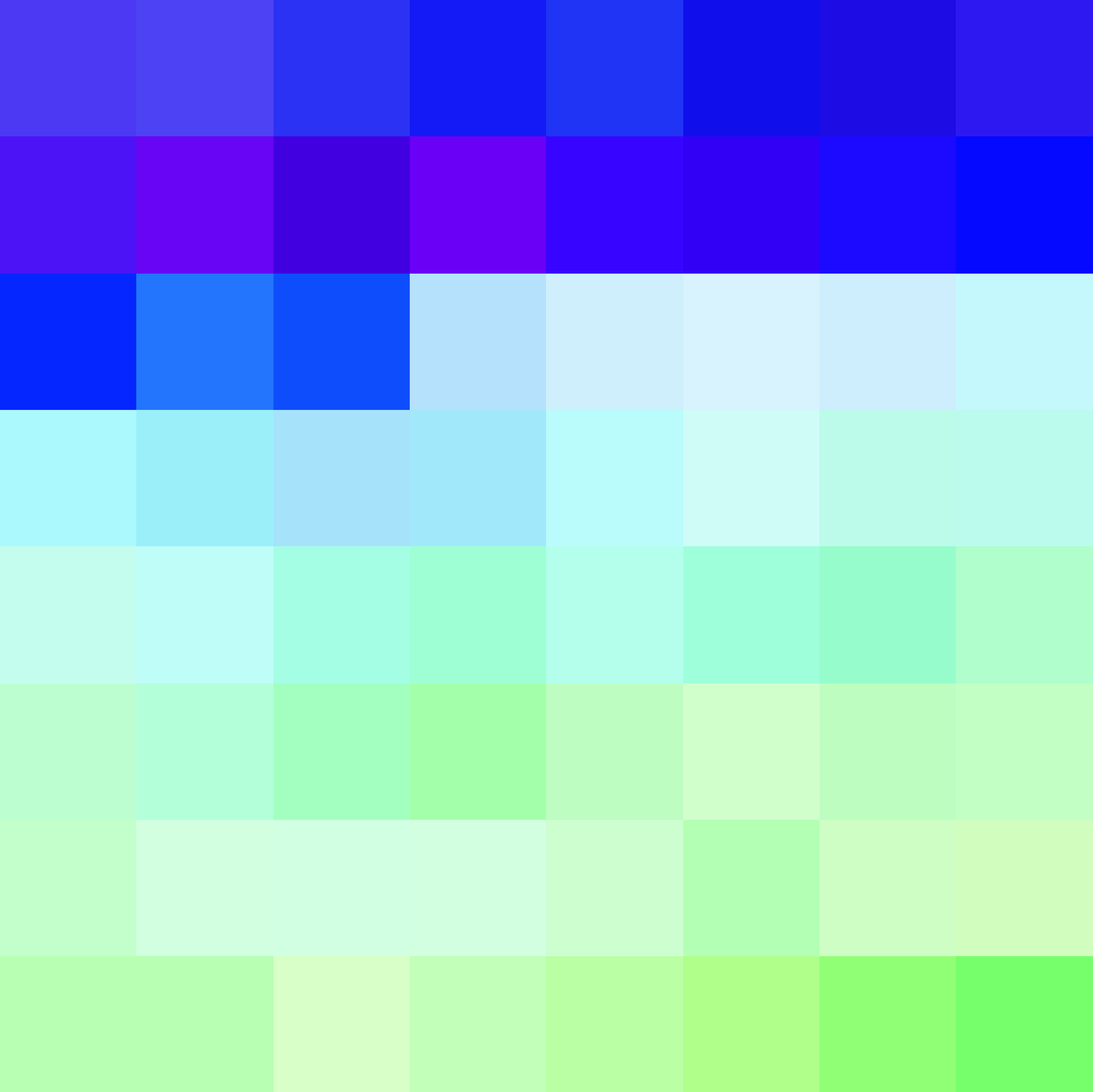
There's a very colourful pixel gradient in this 14 by 14 grid. It is mostly blue, but it also has quite some purple, some cyan, some green, a bit of indigo, a bit of violet, and a bit of magenta in it.

A grid of 25 blocks. It's mostly green, but it also has quite some yellow, and a bit of lime in it.

The gradient in this 8 by 8 pixel grid is mostly green, but it also has quite some lime, quite some yellow, and a tiny bit of orange in it.
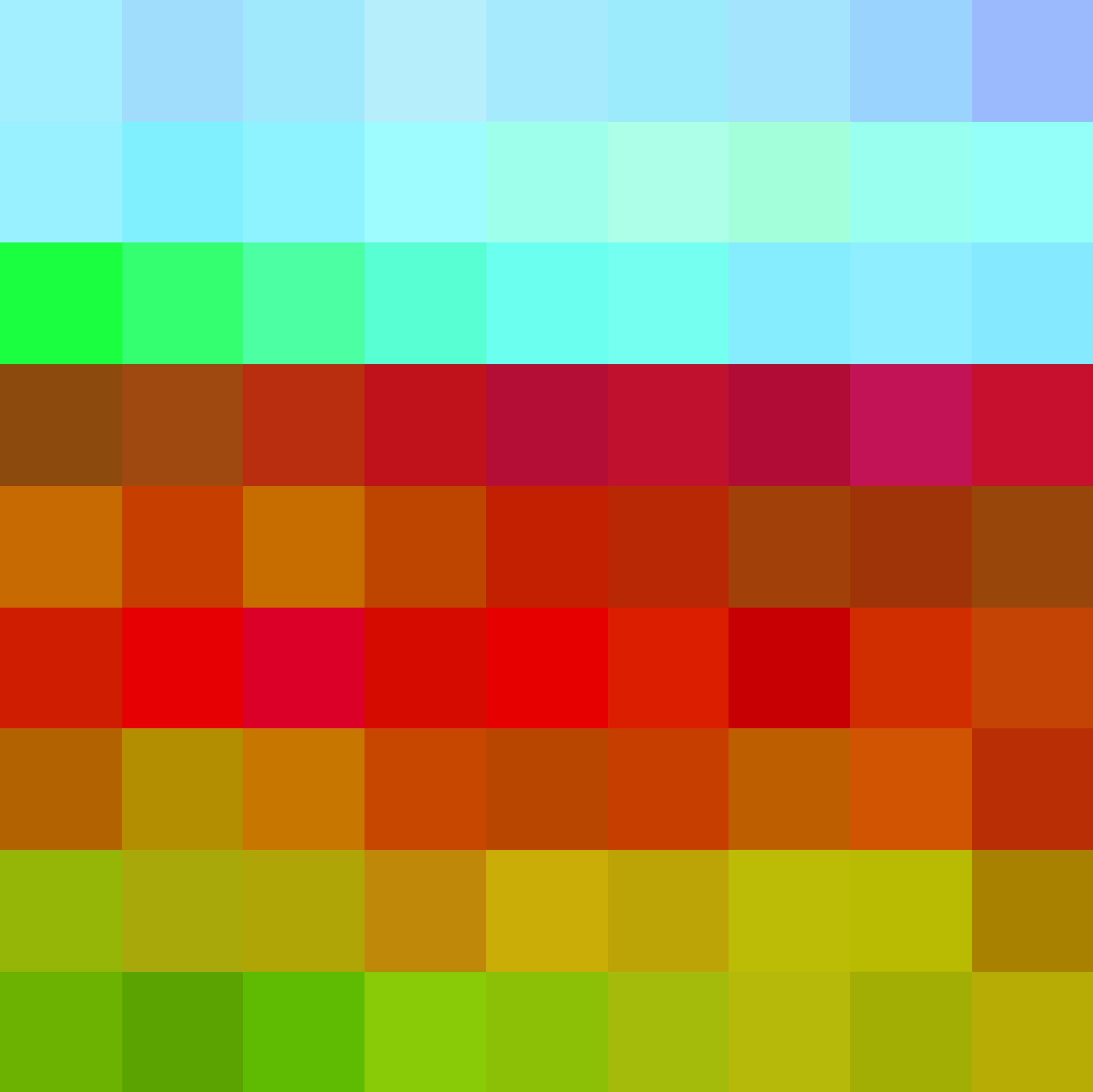
A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has some blue, some indigo, some cyan, and a little bit of violet in it.
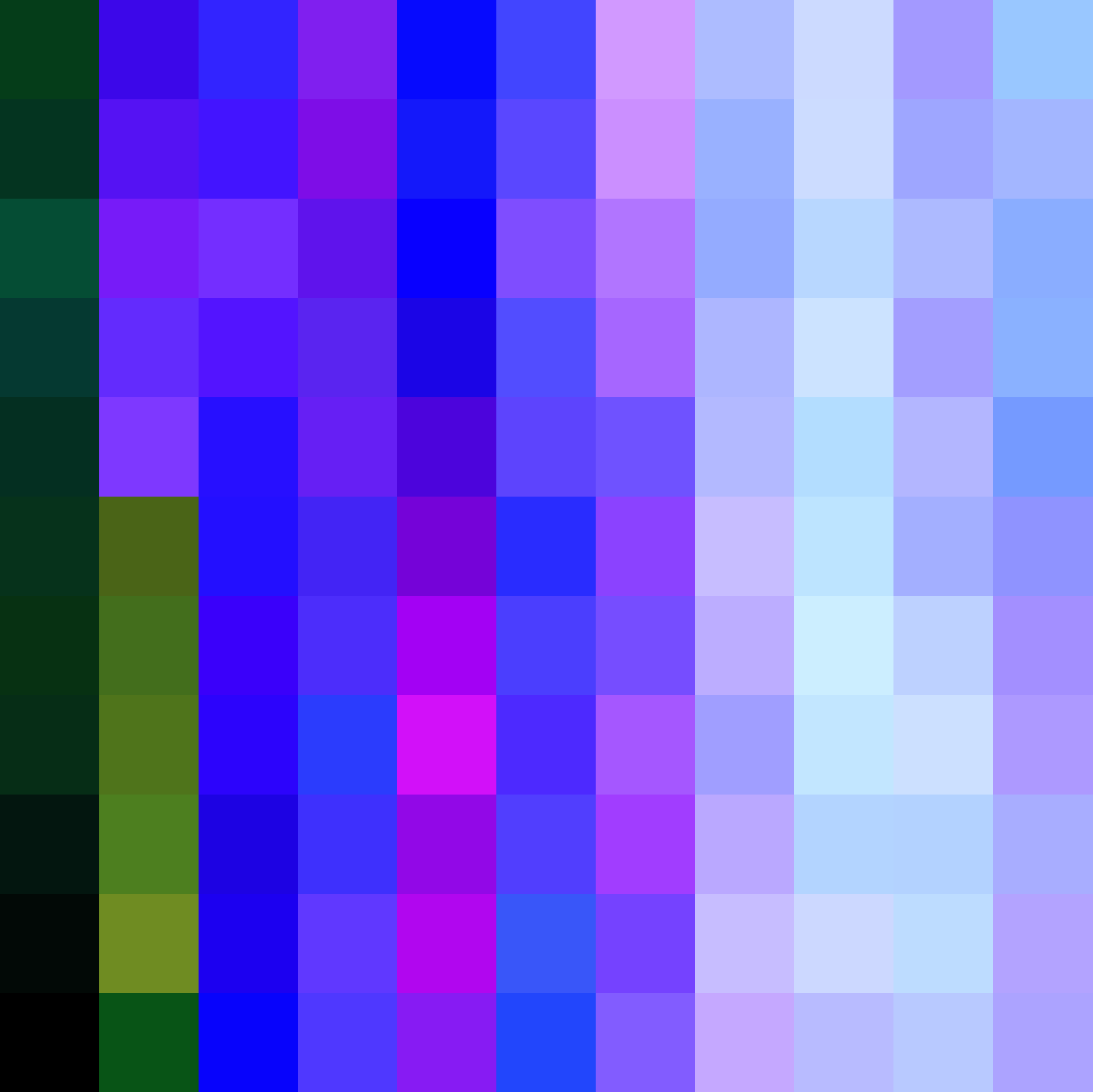
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly purple, but it also has quite some magenta, quite some indigo, some blue, some violet, and a tiny bit of rose in it.
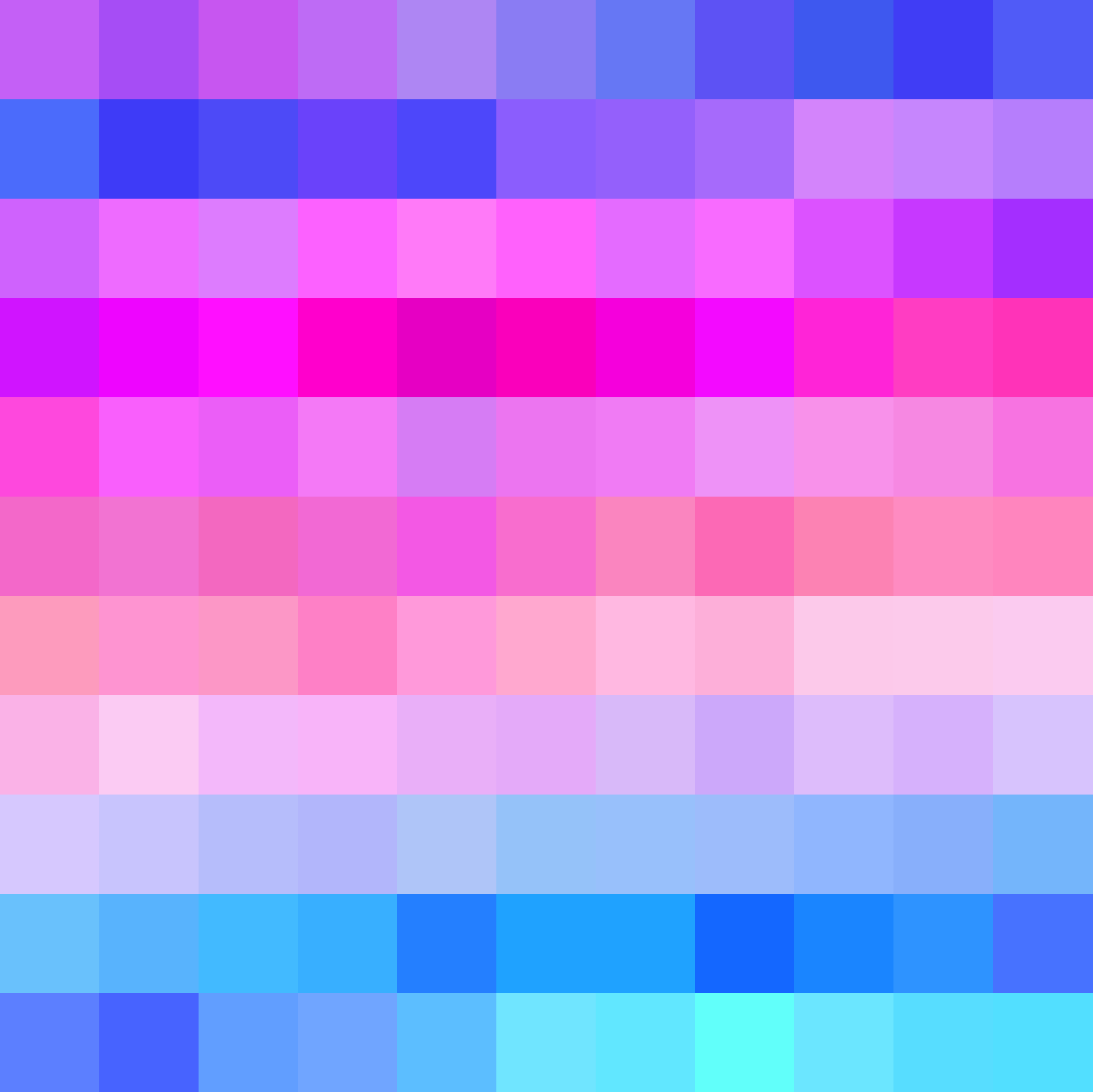
There's a colourful pixel gradient in this 11 by 11 grid. It is mostly blue, but it also has quite some indigo, quite some violet, some purple, and a bit of magenta in it.
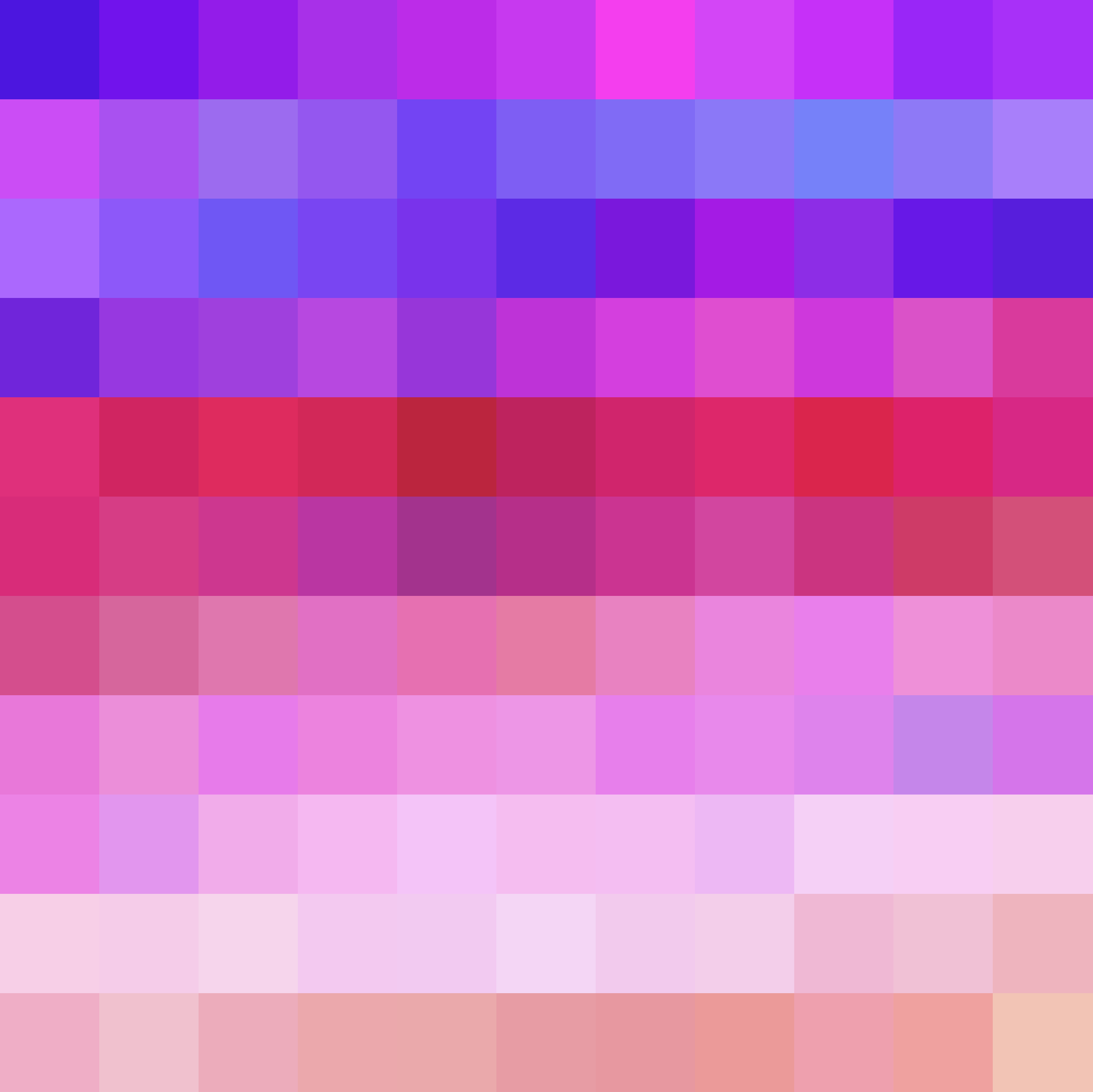
This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly cyan, and it also has quite some orange, quite some red, some yellow, some green, a little bit of blue, a tiny bit of lime, and a tiny bit of rose in it.
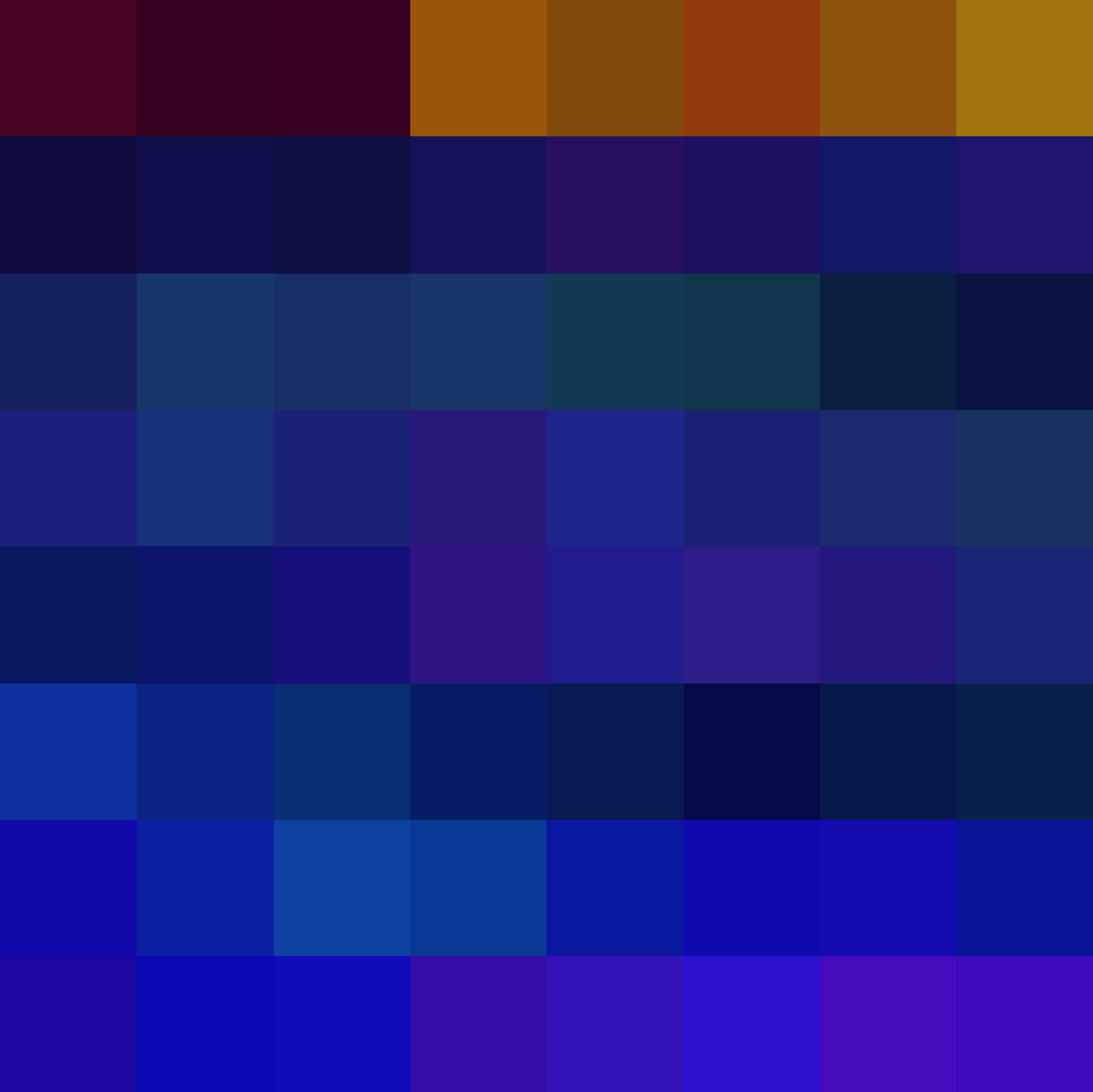
This very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly indigo, but it also has quite some blue, some green, a bit of violet, a bit of purple, a tiny bit of cyan, and a tiny bit of lime in it.
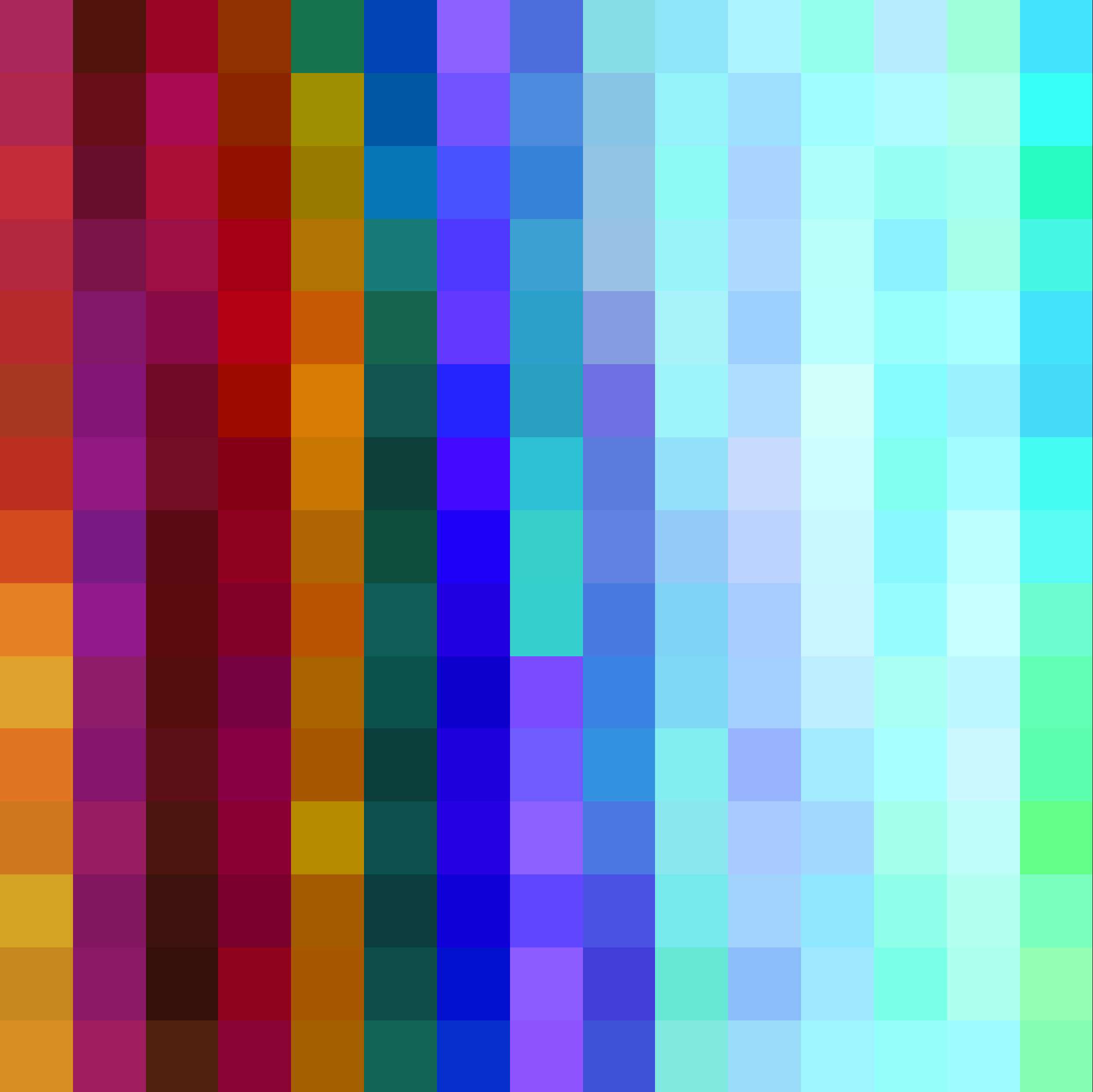
This very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly magenta, but it also has quite some blue, some purple, a bit of indigo, a bit of rose, a little bit of violet, and a little bit of cyan in it.
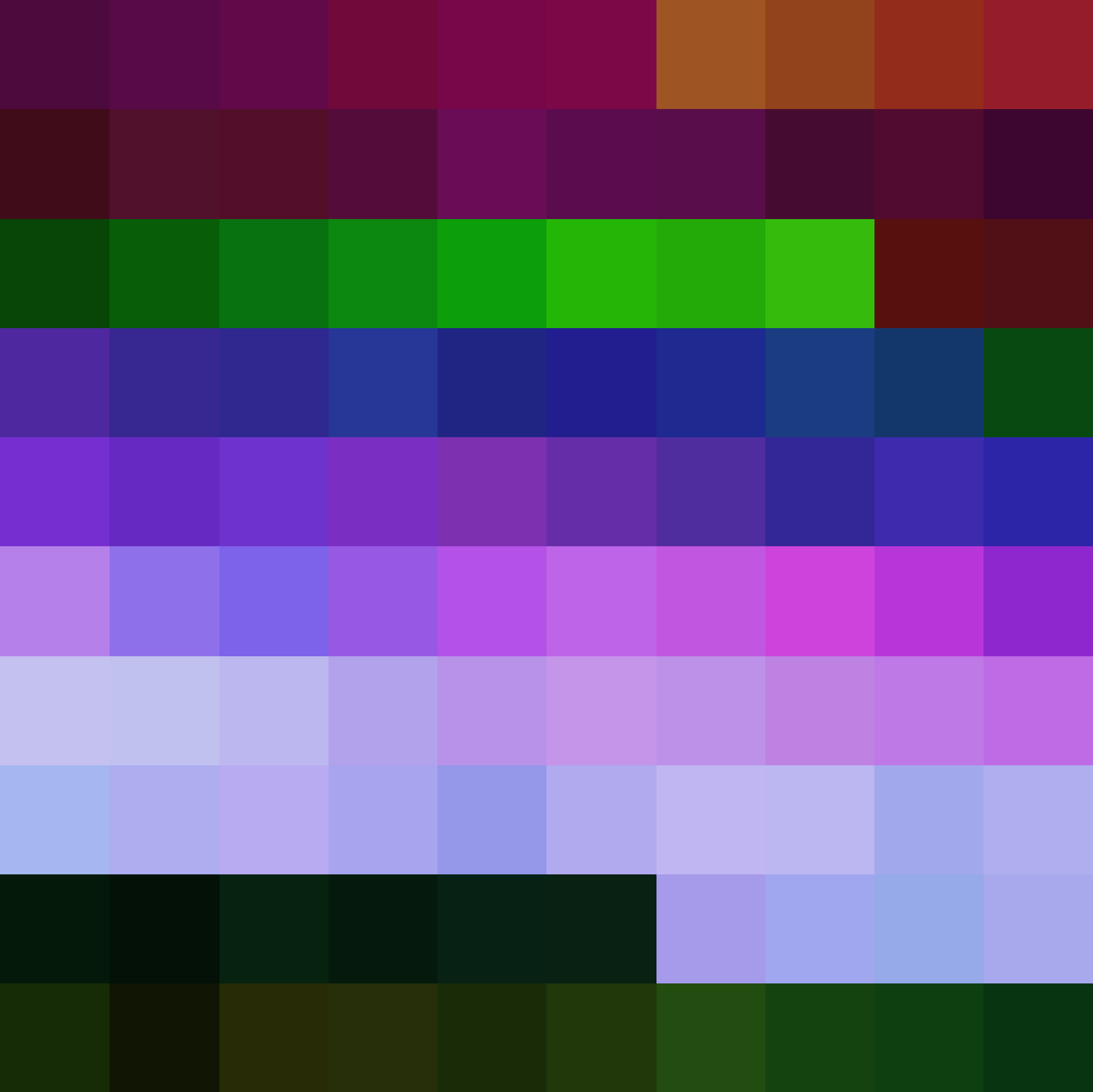
A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, and it also has some rose, some purple, a bit of indigo, a bit of red, a bit of violet, and a tiny bit of blue in it.

The colourful gradient in this 8 by 8 pixel grid is mostly blue, and it also has quite some indigo, a bit of orange, a little bit of magenta, and a tiny bit of rose in it.
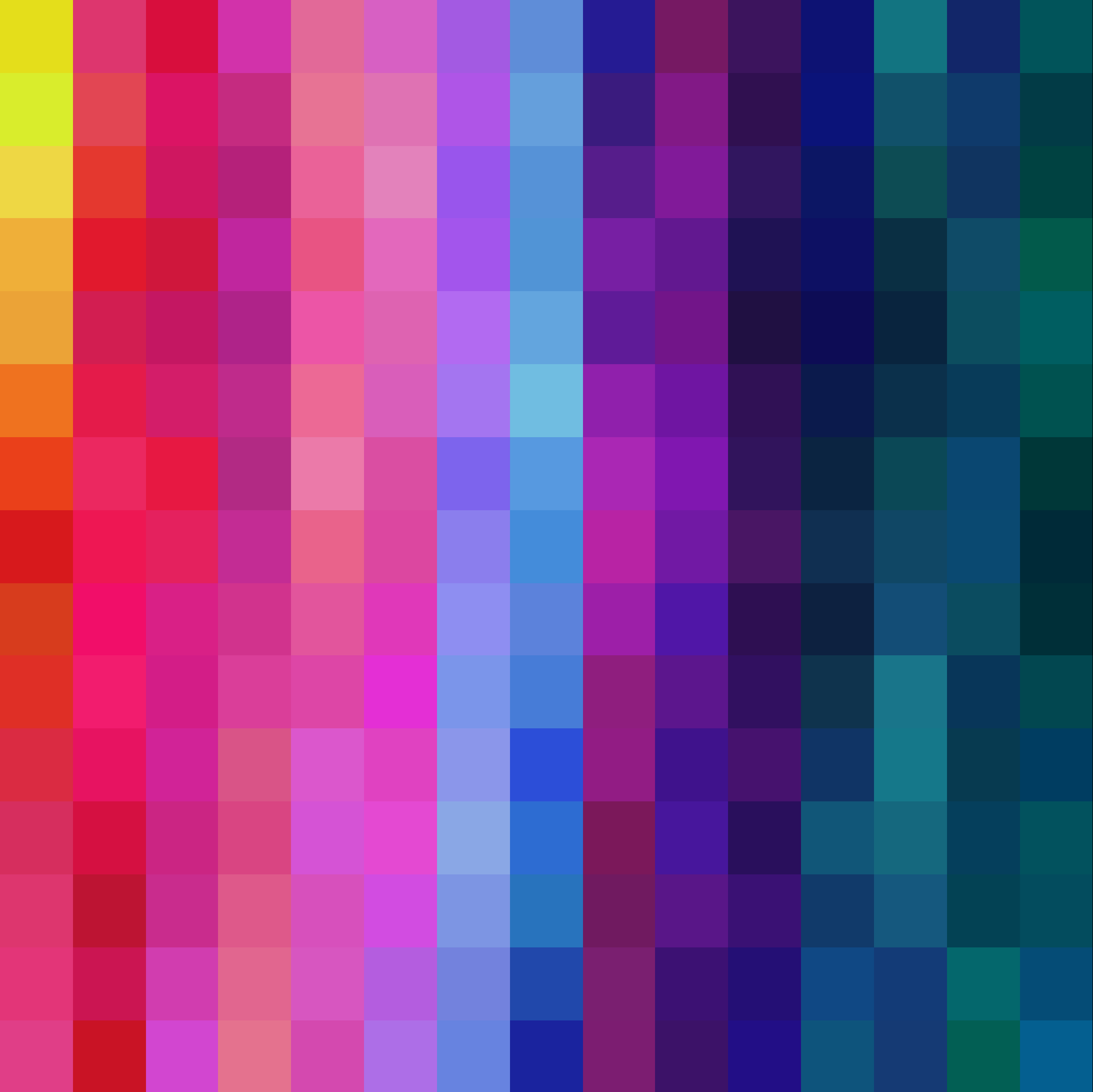
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly cyan, and it also has quite some red, quite some blue, a bit of orange, a bit of indigo, a little bit of green, a tiny bit of yellow, and a tiny bit of violet in it.

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

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly purple, and it also has quite some magenta, and some violet in it.
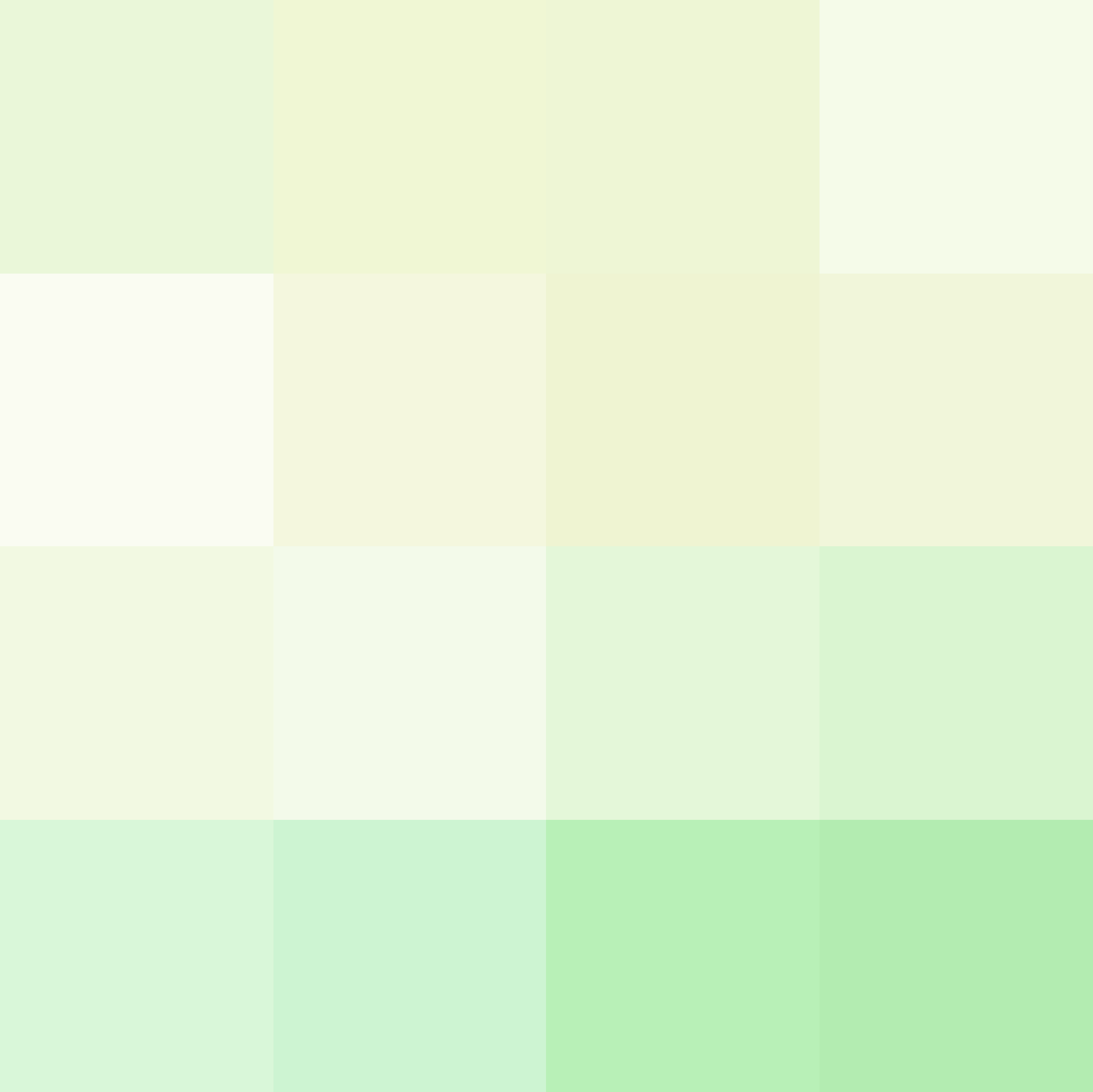
The gradient in this 15 by 15 pixel grid is mostly red, and it also has a tiny bit of yellow, and a tiny bit of orange in it.
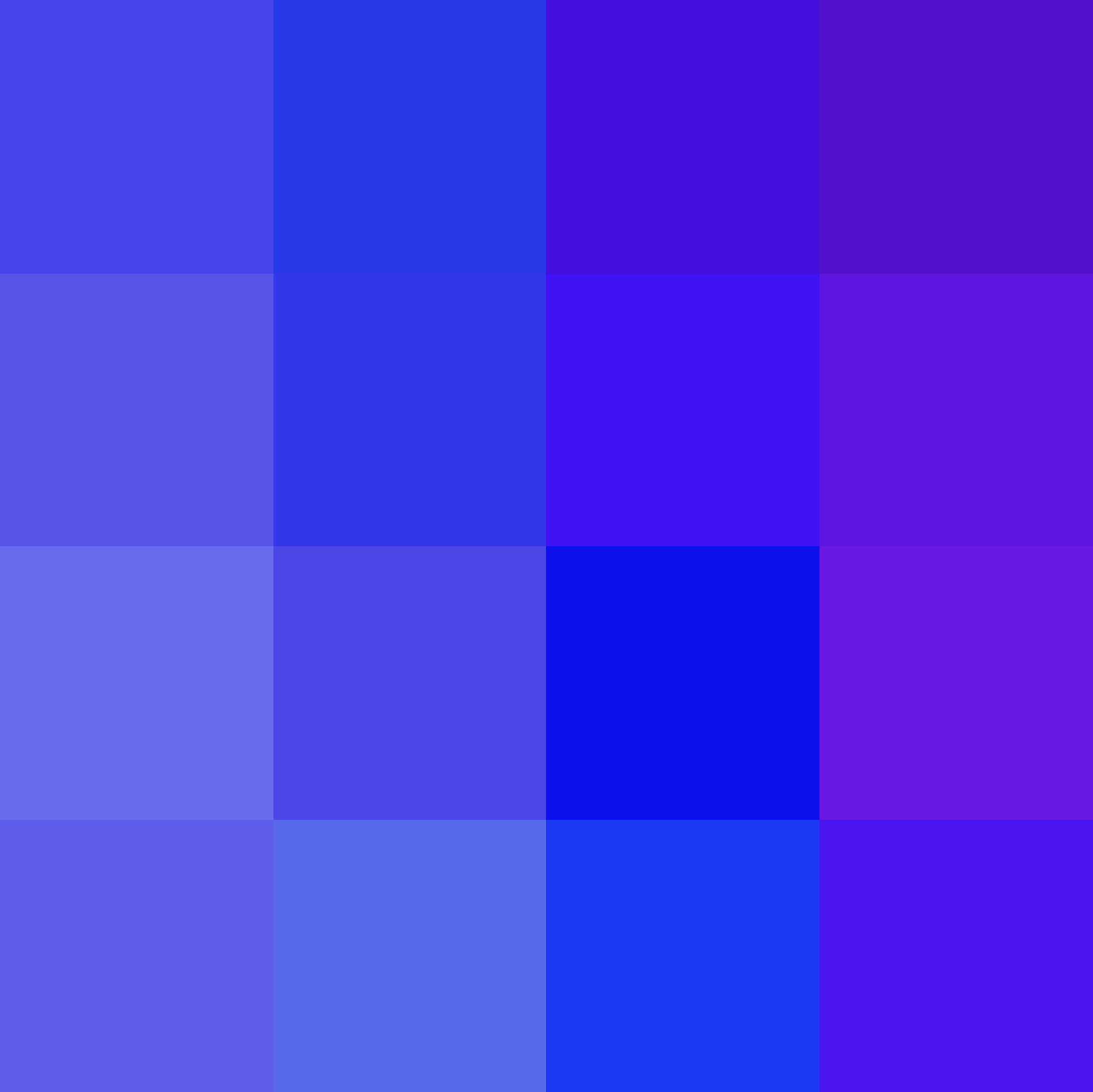
A very, very colourful grid of 256 blocks. It's mostly red, and it also has some yellow, some orange, some green, a bit of blue, a bit of cyan, a little bit of rose, and a tiny bit of lime in it.

A grid with 49 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, a little bit of yellow, a tiny bit of rose, a tiny bit of lime, and a tiny bit of indigo in it.
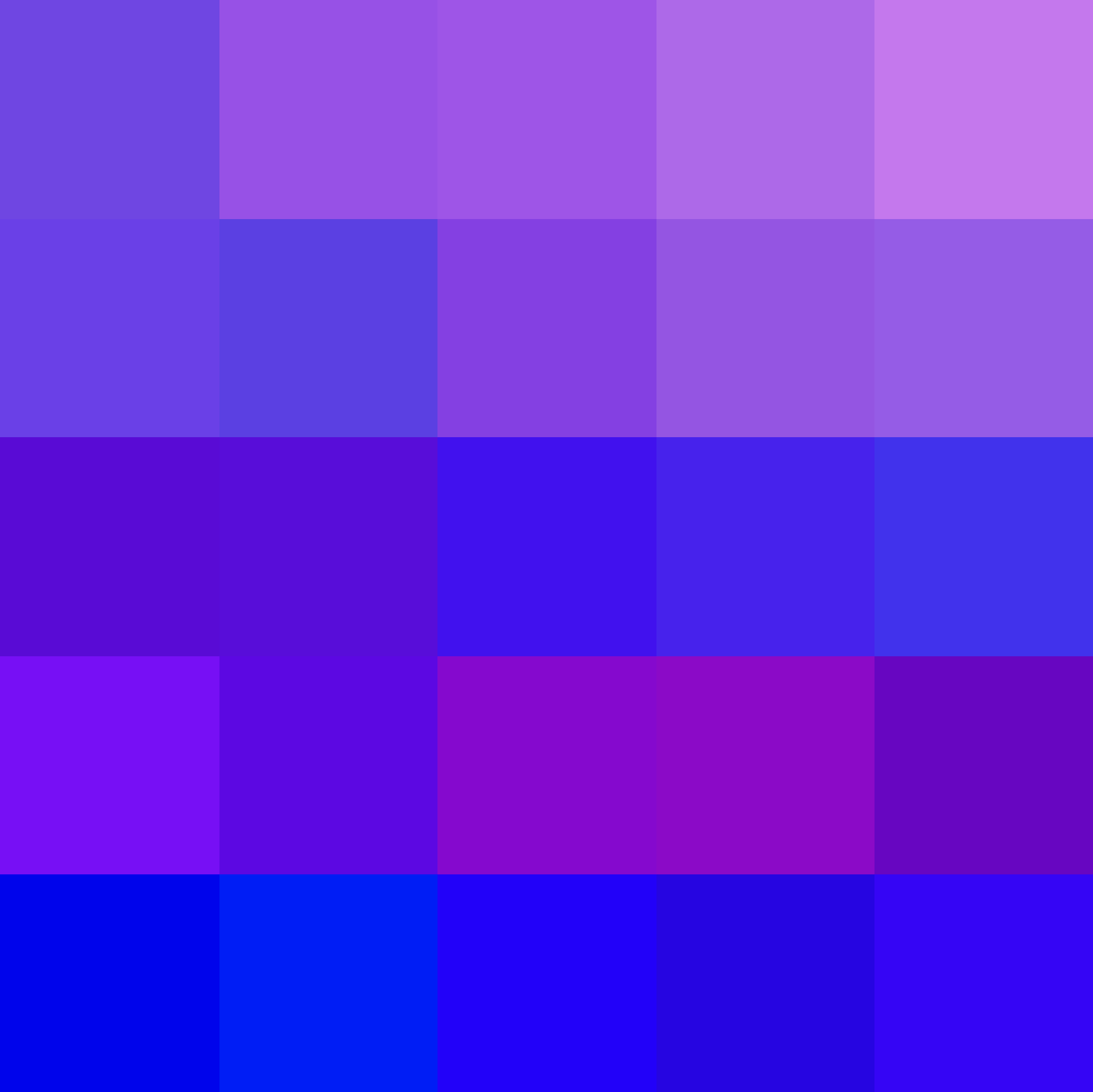
There's a pixel gradient in this 4 by 4 grid. It is mostly green, but it also has quite some lime, and some yellow in it.
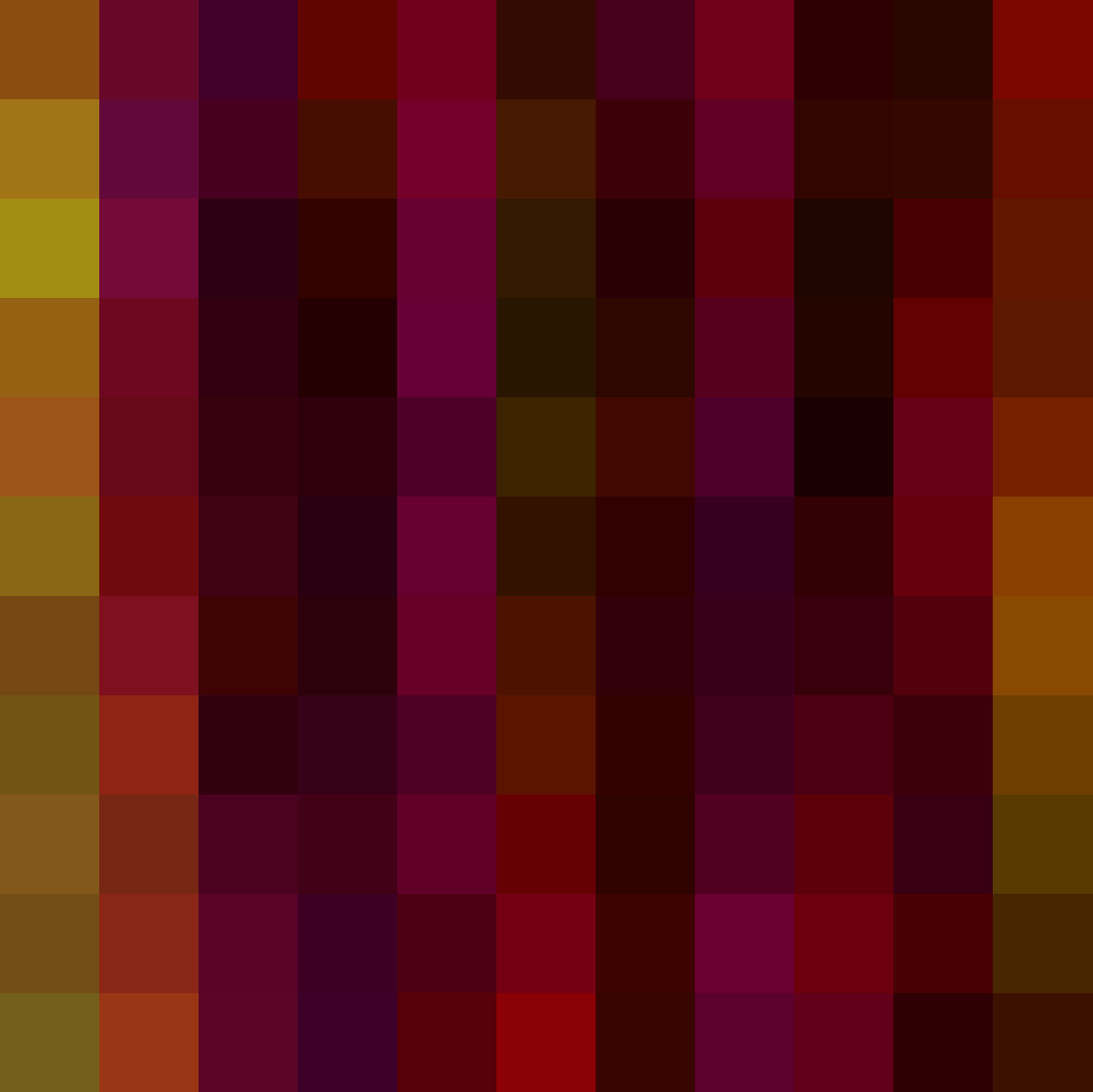
The gradient in this 4 by 4 pixel grid is mostly blue, but it also has quite some indigo, and some violet in it.
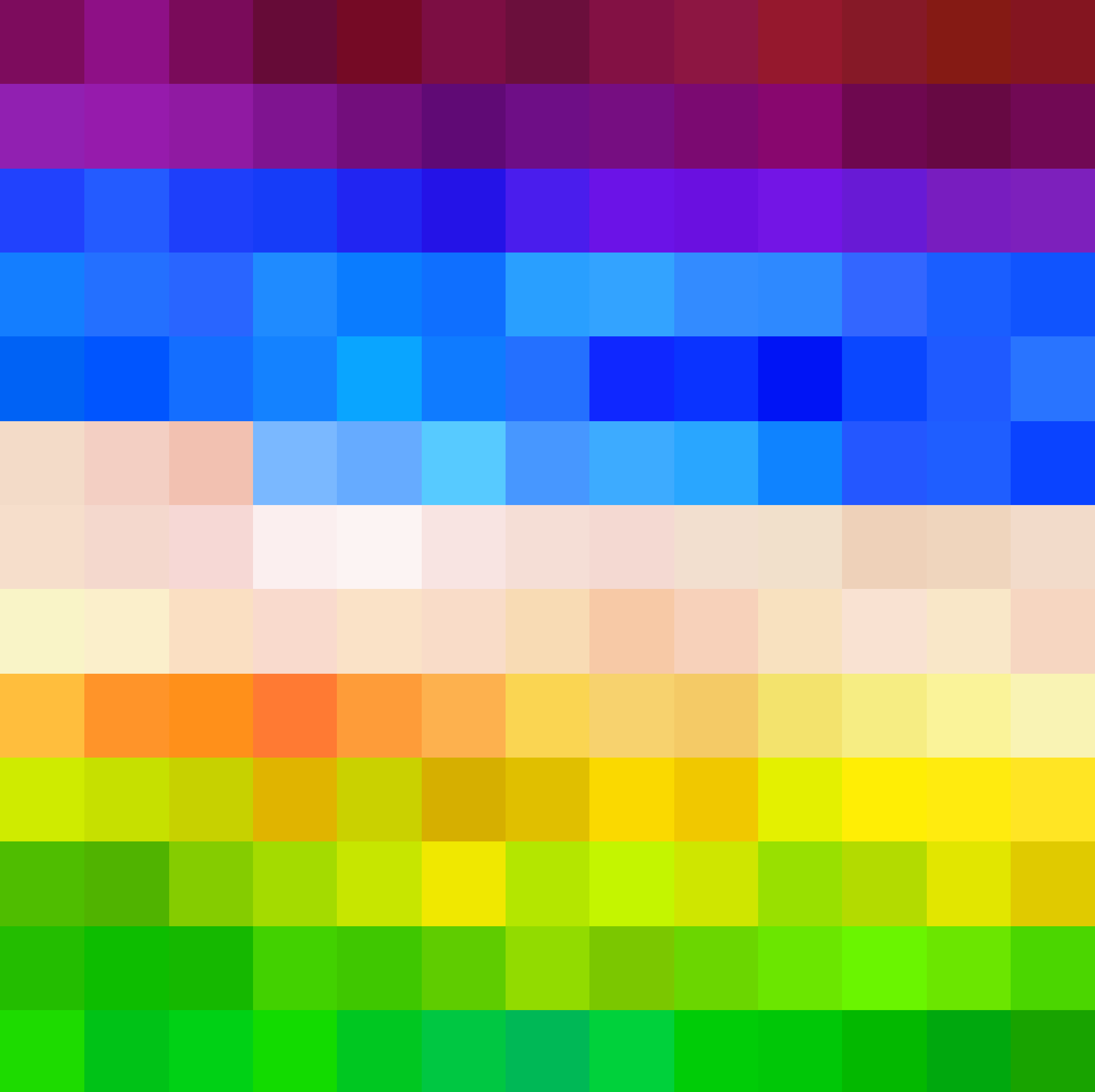
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly red, and it also has quite some rose, some orange, some magenta, a little bit of purple, and a little bit of green in it.
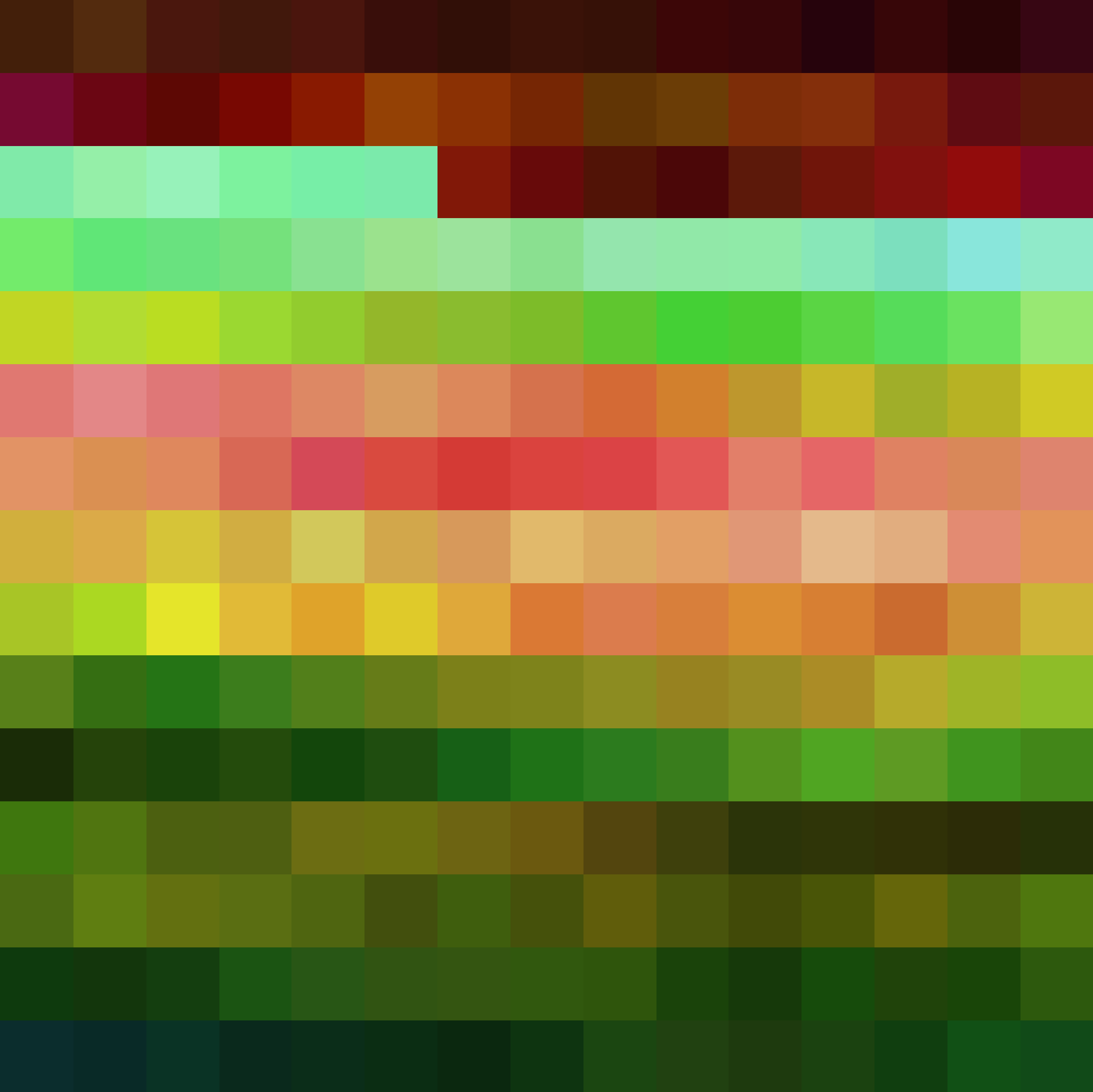
The gradient in this 5 by 5 pixel grid is mostly indigo, but it also has quite some violet, quite some purple, and a bit of blue in it.
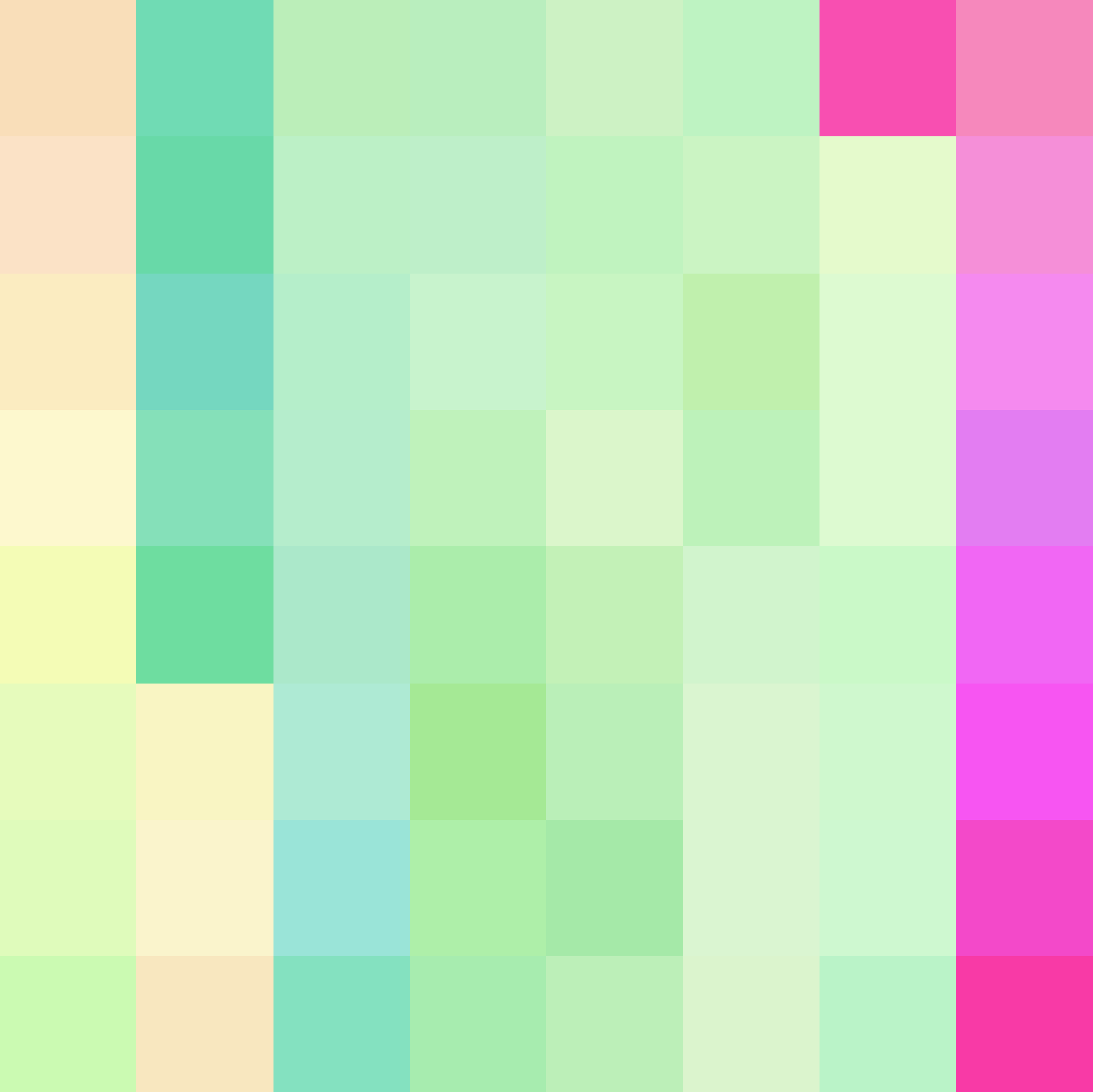
This pixel gradient—it is 11 cells wide, 11 cells high—is mostly red, and it also has some orange, and a tiny bit of yellow in it.
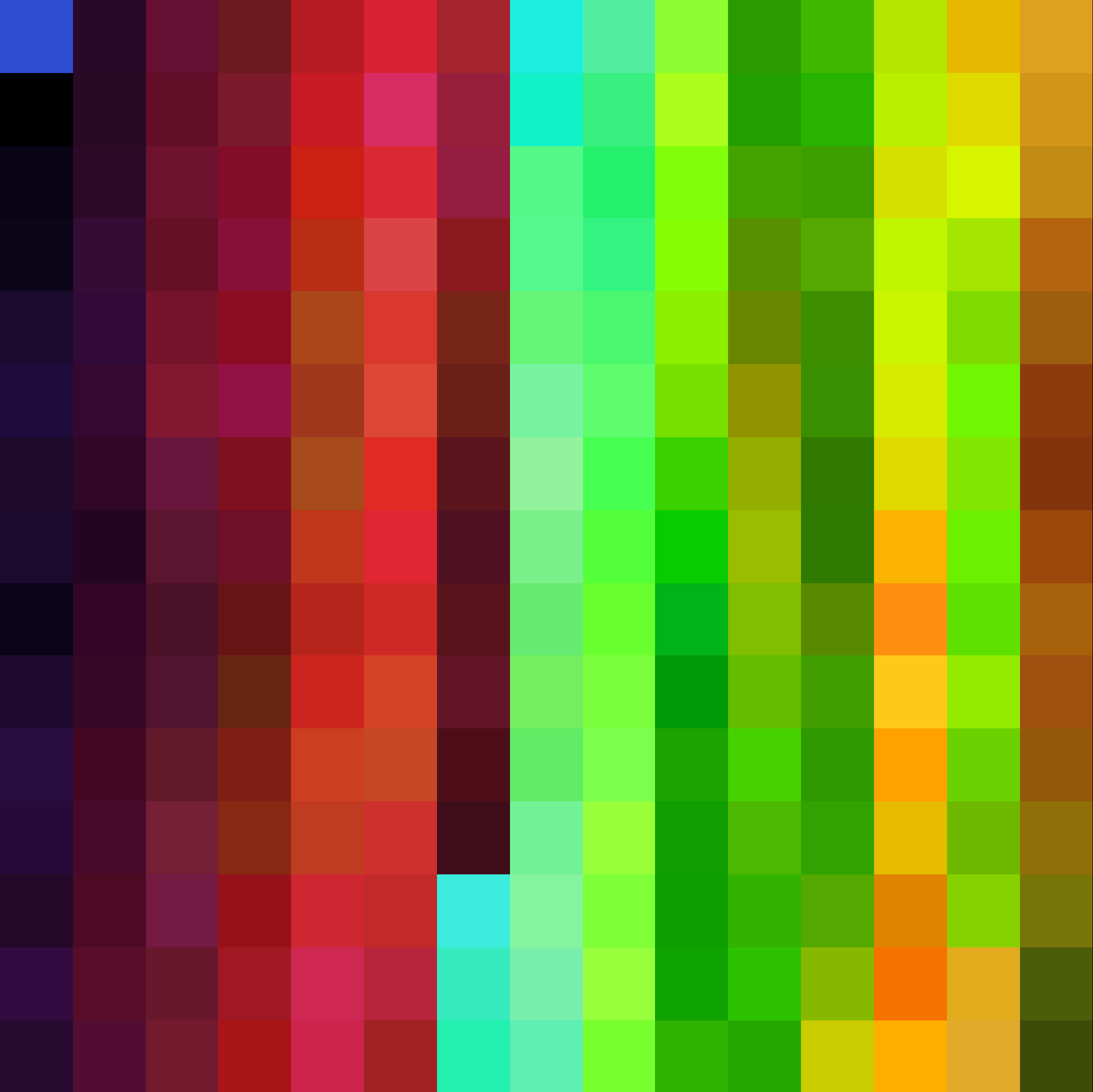
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly blue, and it also has some orange, some green, some yellow, a bit of red, a bit of magenta, a little bit of purple, a little bit of rose, a little bit of lime, a tiny bit of violet, and a tiny bit of indigo in it.

The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly green, and it also has some red, some orange, some yellow, a bit of lime, a tiny bit of rose, and a tiny bit of cyan in it.

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