

## I. Where do the color palettes come from?

Most color palettes are obtained from [Matplotlib](#) and [Scientific Coulour Maps](#) by segmenting their color maps into 10 values.<sup>1</sup> We retain only palettes that comply with the following rules.

- **No repetition.** Some [Matplotlib](#) palettes are duplicated,<sup>2</sup> in which case we keep the first one in lexicographical order.
- **No reversed versions.** Unlike [Matplotlib](#),<sup>3</sup> `@prism` never includes reversed palettes as fixed data.

Here are the palettes that were not taken into account because they created a duplicate.

TODO

In addition to [Matplotlib](#) and [Scientific Coulour Maps](#) palettes, `@prism` includes original creations.

 Note.

*Adding new palettes to `@prism` is straightforward. See section ?? to get started.*

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<sup>1</sup>[Asymptote](#) is also used, but currently offers nothing beyond [Matplotlib](#), despite different implementations.

<sup>2</sup>Likely for historical reasons.

<sup>3</sup>Most [Matplotlib](#) color maps have a reversed version named with the `_r` suffix, possibly for performance reasons.