

I. Where do the color palettes come from?

@prism includes some original creations, but most color palettes are derived from the project below by segmenting their color maps into 10-value palettes.

- [Asymptote](#) is used, but currently offers nothing beyond [Matplotlib](#) (despite different implementations).
- [CartoColor](#) is extracted from [Palettable](#) project.
- [cmocean](#) is extracted from [Palettable](#) project.
- [Colorbrewer](#).
- [Light and Bartlein](#) is extracted from [Palettable](#) project.
- [Matplotlib](#).
- [MyCarta](#) is extracted from [Palettable](#) project.
- [Plotly](#) is extracted from [Palettable](#) project.
- [Scientific Coulour Maps](#).
- [Tableau](#) is extracted from [Palettable](#) project.
- [Wes Anderson Palettes](#) is extracted from [Palettable](#) project.

Note.

Adding new palettes to @prism is straightforward (no coding skills required). See section ?? to get started.

We retain only palettes that comply with the following rules.

- **No repetition.** Unlike [Matplotlib](#),¹ @prism use a one-to-one map from names to palettes.
- **No reversed versions.** Unlike [Matplotlib](#),² @prism never includes reversed palettes as fixed data.

The following palettes were ignored due to duplication (straight or reversed).³ The symbol $\boxed{=}$ indicates equality, $\boxed{\rightleftharpoons}$ indicates reversal, and the rightmost palette is the one retained in @prism.

¹Some [Matplotlib](#) palettes are duplicated, likely for historical reasons.

²Most [Matplotlib](#) color maps have a reversed version named with the `_r` suffix, possibly for performance reasons.

³Recall that [Matplotlib](#) reversed color maps (with the `_r` suffix) are systematically excluded and therefore not shown here.

Colorbrewer	Accent	=	Accent
	Blues	=	Blues
	BrBG	=	BrBG
	BuGn	=	BuGn
	BuPu	=	BuPu
	Dark2	=	Dark2
	GnBu	=	GnBu
	Greens	=	Greens
	Greys	=	Grays
	OrRd	=	OrRd
	Oranges	=	Oranges
	PRGn	=	PRGn
	Paired	=	Paired
	Pastel1	=	Pastel1
	Pastel2	=	Pastel2
	PiYG	=	PiYG
	PuBu	=	PuBu
	PuBuGn	=	PuBuGn
	PuOr	=	PuOr
	PuRd	=	PuRd
	Purples	=	Purples
	RdBu	=	RdBu
	RdGy	=	RdGy
	RdPu	=	RdPu
	RdYlBu	=	RdYlBu
	RdYlGn	=	RdYlGn
	Reds	=	Reds
	Set1	=	Set1
	Set2	=	Set2
	Set3	=	Set3
	Spectral	=	Spectral
	YlGn	=	YlGn
	YlGnBu	=	YlGnBu
	YlOrBr	=	YlOrBr
	YlOrRd	=	YlOrRd
Cubehelix	Classic	=	Cubehelix
Matplotlib	GistGray	\Rightarrow	Binary
	GistGrey	\Rightarrow	Binary
	GistYarg	=	Binary
	GistYerg	=	Binary
	Grey	\Rightarrow	Binary
Plotly	D3	=	Tab10
	Hot	=	Hot
	Jet	=	Jet
Scientific Colour Maps	Berlin	=	Berlin
	Managua	=	Managua
	Vanimmo	=	Vanimmo
Tableau	Gray	\Rightarrow	Binary
cmocean	Balance	=	Vik