

## Appendix 1 – The 217 palettes at a glance

The palette names used in this appendix are standard, but most `Op prism` implementations add the `pal` prefix.



*Categories were generated semi-automatically using a program, followed by manual selection to obtain relevant choices. If you identify any errors, please contact the author of `Op prism`.*

### Colorblind-friendly palettes – 40 palettes



**Acton**  
Scientific  
Colour Maps



**Bam**  
Scientific  
Colour Maps



**Bamako**  
Scientific  
Colour Maps



**Bam0**  
Scientific  
Colour Maps



**Batlow**  
Scientific  
Colour Maps



**BatlowK**  
Scientific  
Colour Maps



**BatlowW**  
Scientific  
Colour Maps



**Berlin**  
Scientific  
Colour Maps



**Bilbao**  
Scientific  
Colour Maps



**Broc**  
Scientific  
Colour Maps



**Broc0**  
Scientific  
Colour Maps



**Buda**  
Scientific  
Colour Maps



Continued on next page



**Bukavu**  
Scientific  
Colour Maps



**Cork**  
Scientific  
Colour Maps



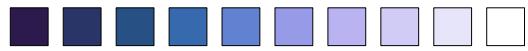
**Cork0**  
Scientific  
Colour Maps



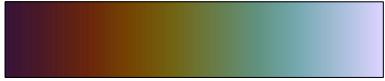
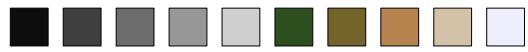
**Davos**  
Scientific  
Colour Maps



**Devon**  
Scientific  
Colour Maps



**Fes**  
Scientific  
Colour Maps



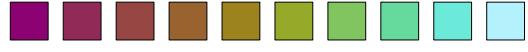
**Glasgow**  
Scientific  
Colour Maps



**GrayC**  
Scientific  
Colour Maps



**Hawaii**  
Scientific  
Colour Maps



**Imola**  
Scientific  
Colour Maps



**Lajolla**  
Scientific  
Colour Maps



**Lapaz**  
Scientific  
Colour Maps



**Lipari**  
Scientific  
Colour Maps



**Lisbon**  
Scientific  
Colour Maps



**Managua**  
Scientific  
Colour Maps



Continued on next page



**Navia**  
Scientific  
Colour Maps



**NaviaW**  
Scientific  
Colour Maps



**Nuuk**  
Scientific  
Colour Maps



**Oleron**  
Scientific  
Colour Maps



**Oslo**  
Scientific  
Colour Maps



**Roma**  
Scientific  
Colour Maps



**Roma0**  
Scientific  
Colour Maps



**Tofino**  
Scientific  
Colour Maps



**Tokyo**  
Scientific  
Colour Maps



**Turku**  
Scientific  
Colour Maps



**Vanimo**  
Scientific  
Colour Maps



**Vik**  
Scientific  
Colour Maps



**Vik0**  
Scientific  
Colour Maps



## Two-color palettes – 49 palettes



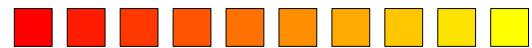
AgGrnYl  
CartoColors



Algae  
cmocean



Autumn  
Matplotlib



Binary  
Matplotlib



BluGrn  
CartoColors



BluYl  
CartoColors



Bluered  
Plotly



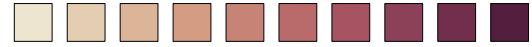
Blues  
Colorbrewer



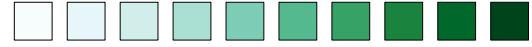
Bone  
Matplotlib



BrwnYl  
CartoColors



BuGn  
Colorbrewer



Buda  
Scientific  
Colour Maps



Burg  
CartoColors



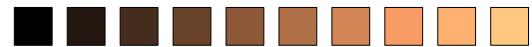
BurgYl  
CartoColors



Cool  
Matplotlib



Copper  
Matplotlib



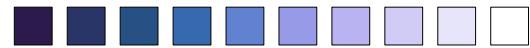
Continued on next page



**DarkMint**  
CartoColors



**Devon**  
Scientific  
Colour Maps



**Emrld**  
CartoColors



**GistHeat**  
Matplotlib



**GrayC**  
Scientific  
Colour Maps



**Grays**  
Matplotlib



**Greens**  
Colorbrewer



**Lemon**  
@prism



**Magenta**  
CartoColors



**Mint**  
CartoColors



**OrRd**  
Colorbrewer



**OrYel**  
CartoColors



**Oranges**  
Colorbrewer



**Oslo**  
Scientific  
Colour Maps



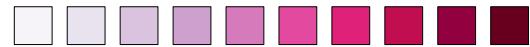
**Peach**  
CartoColors



**PuBu**  
Colorbrewer



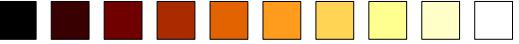
**PuRd**  
Colorbrewer



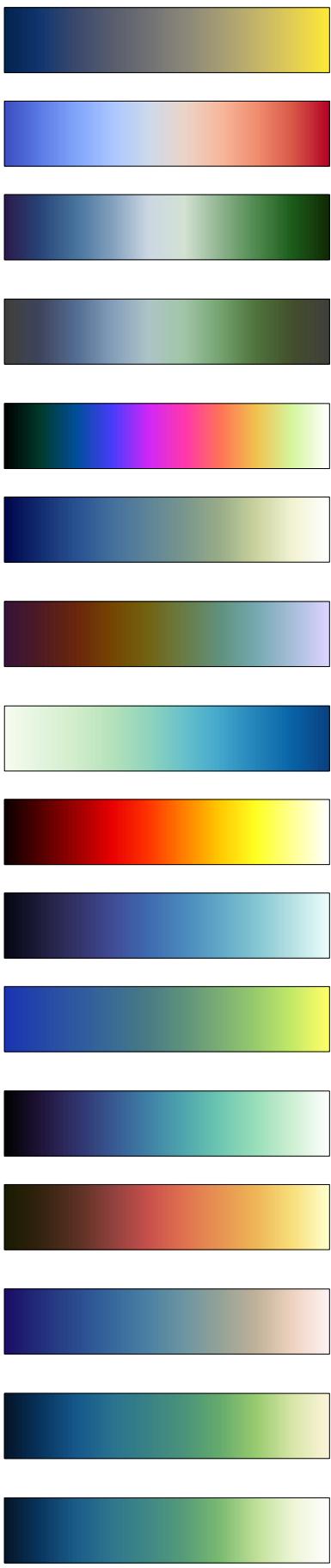
Continued on next page



## Three-color palettes – 51 palettes

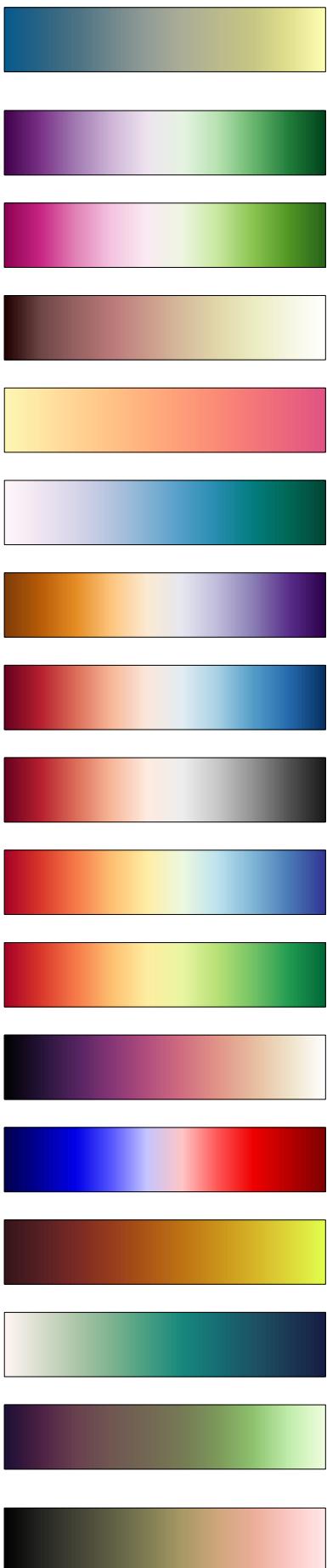
	<b>Acton</b> Scientific Colour Maps	
	<b>Af'mhot</b> Matplotlib	
	<b>Amp</b> cmocean	
	<b>Bam</b> Scientific Colour Maps	
	<b>Bam0</b> Scientific Colour Maps	
	<b>Bamako</b> Scientific Colour Maps	
	<b>Berlin</b> Scientific Colour Maps	
	<b>Bilbao</b> Scientific Colour Maps	
	<b>BlueGray</b> Light Bartlein	
	<b>BlueGreen</b> Light Bartlein	
	<b>BrBG</b> Colorbrewer	
	<b>Broc</b> Scientific Colour Maps	
	<b>Broc0</b> Scientific Colour Maps	
	<b>BuPu</b> Colorbrewer	
	<b>BurningGrass</b> @prism	
	<b>Bwr</b> Matplotlib	

Continued on next page



<b>Cividis</b> Matplotlib	
<b>Coolwarm</b> Matplotlib	
<b>Cork</b> Scientific Colour Maps	
<b>Cork0</b> Scientific Colour Maps	
<b>Cubehelix3</b> Cubehelix	
<b>Davos</b> Scientific Colour Maps	
<b>Glasgow</b> Scientific Colour Maps	
<b>GnBu</b> Colorbrewer	
<b>Hot</b> Plotly	
<b>Ice</b> cmocean	
<b>Imola</b> Scientific Colour Maps	
<b>JimSpecial</b> Cubehelix	
<b>Lajolla</b> Scientific Colour Maps	
<b>Lapaz</b> Scientific Colour Maps	
<b>Navia</b> Scientific Colour Maps	
<b>NaviaW</b> Scientific Colour Maps	

Continued on next page



**Nuuk**  
Scientific  
Colour Maps



**PRGn**  
Colorbrewer



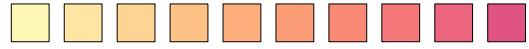
**PiYG**  
Colorbrewer



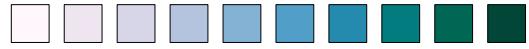
**Pink**  
Matplotlib



**PinkYl**  
CartoColors



**PuBuGn**  
Colorbrewer



**PuOr**  
Colorbrewer



**RdBu**  
Colorbrewer



**RdGy**  
Colorbrewer



**RdYlBu**  
Colorbrewer



**RdYlGn**  
Colorbrewer



**Red**  
Cubehelix



**Seismic**  
Matplotlib



**Solar**  
cmcean



**Tempo**  
cmcean



**Tokyo**  
Scientific  
Colour Maps



**Turku**  
Scientific  
Colour Maps



Continued on next page



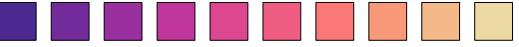
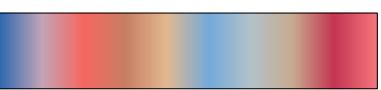
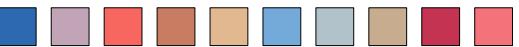
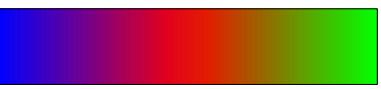
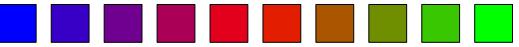
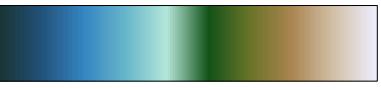
**Vanimo**  
Scientific  
Colour Maps



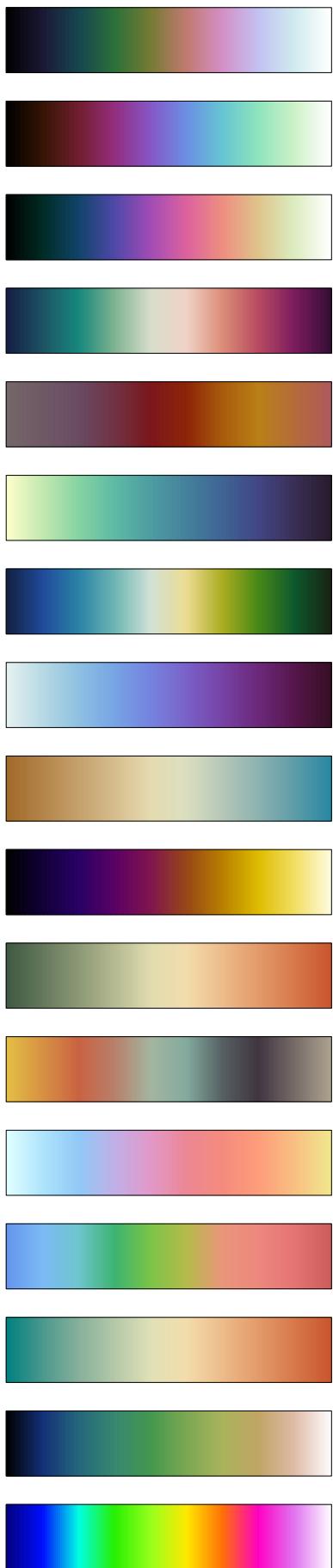
**YlGnBu**  
Colorbrewer



## Rainbow-style palettes – 87 palettes

	AgSunset CartoColors	
	Aquatic Wes Anderson	
	ArmyRose CartoColors	
	Batlow Scientific Colour Maps	
	BatlowK Scientific Colour Maps	
	BatlowW Scientific Colour Maps	
	Blackbody Plotly	
	BlindFish @prism	
	BlueOrangeRed Light Bartlein	
	BlueRed Tableau	
	Brg Matplotlib	
	Bukavu Scientific Colour Maps	
	CMRmap Matplotlib	
	Cavalcant Wes Anderson	
	Chevalie Wes Anderson	
	CubeYF MyCarta	

Continued on next page

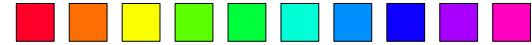


Cubehelix Matplotlib	
Cubehelix1 Cubehelix	
Cubehelix2 Cubehelix	
Curl cmocean	
Darjeeling Wes Anderson	
Deep cmocean	
Delta cmocean	
Dense cmocean	
Earth CartoColors	
Electric Plotly	
Fall CartoColors	
FantasticFox Wes Anderson	
GasFlame @prism	
GeoRainbow @prism	
Geyser CartoColors	
GistEarth Matplotlib	
GistNcar Matplotlib	

Continued on next page



GistRainbow  
Matplotlib



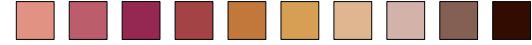
Gnuplot  
Matplotlib



Gnuplot2  
Matplotlib



GrandBudapest  
Wes Anderson



GreenMagenta  
Light Bartlein



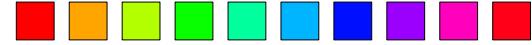
Haline  
cmcean



Hawaii  
Scientific  
Colour Maps



Hsv  
Matplotlib



Inferno  
Matplotlib



IsleOfDogs  
Wes Anderson



Jet  
Plotly



LinearL  
MyCarta



Lipari  
Scientific  
Colour Maps



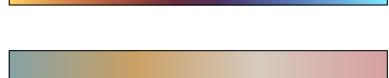
Lisbon  
Scientific  
Colour Maps



Magma  
Matplotlib



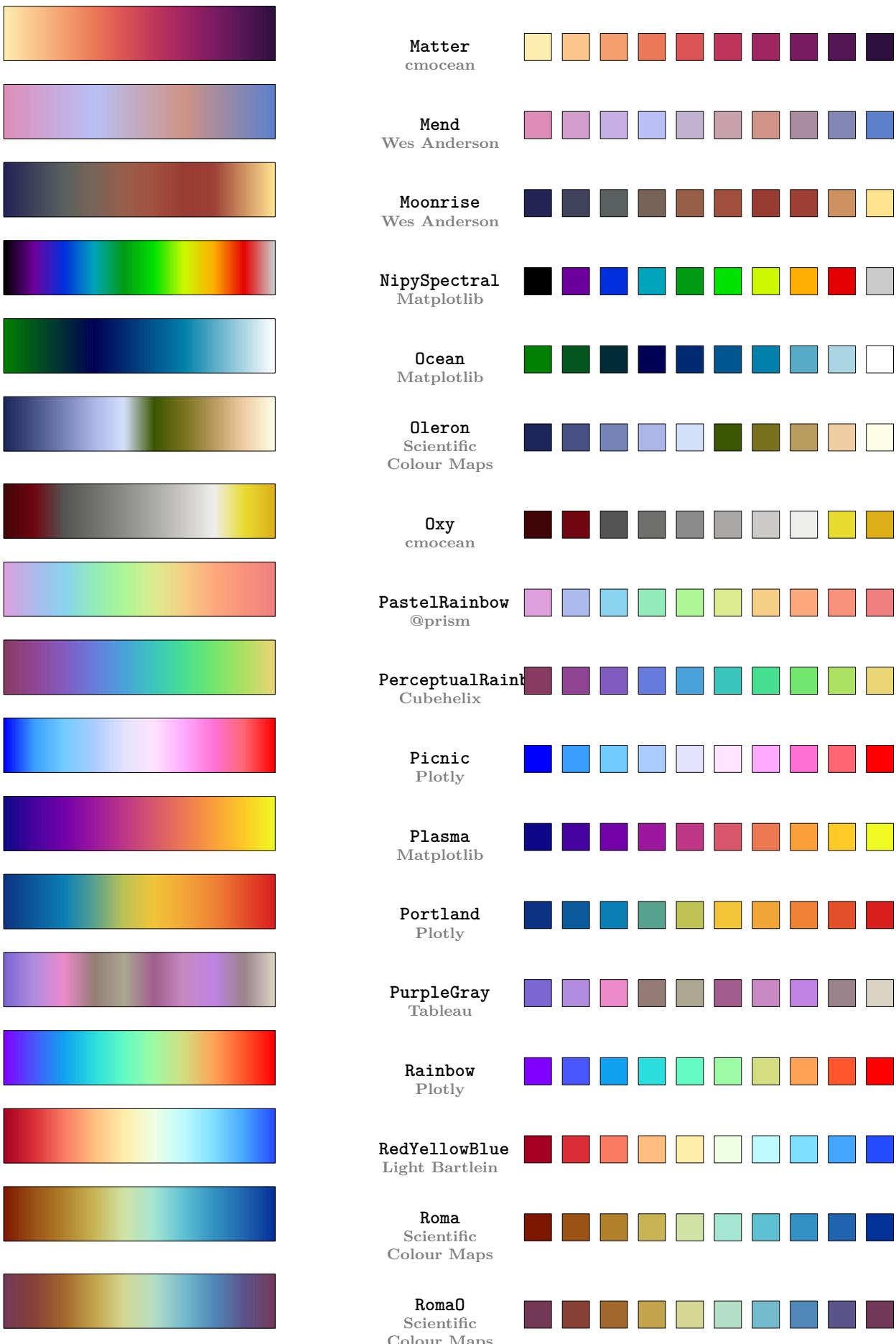
Managua  
Scientific  
Colour Maps



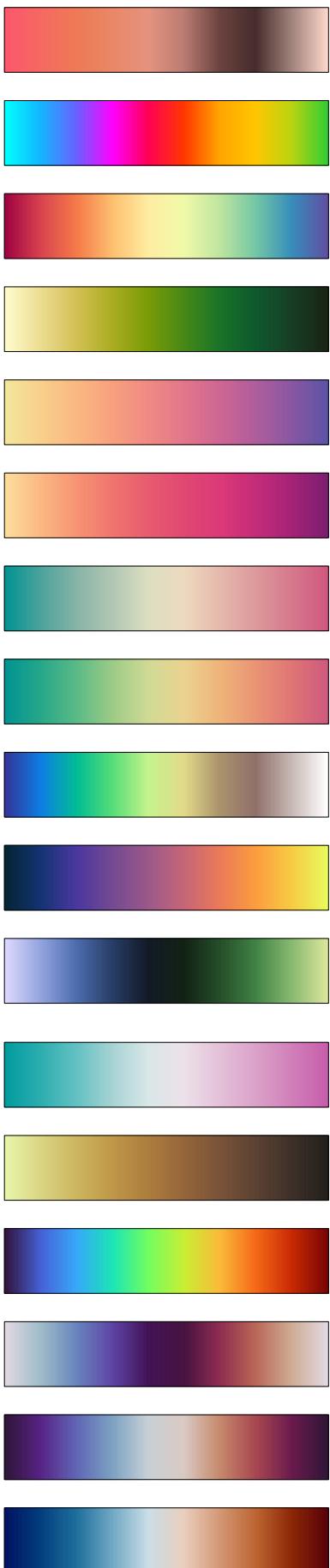
Margot  
Wes Anderson



Continued on next page



Continued on next page



Royal  
Wes Anderson

ShiftRainbow  
@prism

Spectral  
Colorbrewer

Speed  
cmocean

Sunset  
CartoColors

SunsetDark  
CartoColors

TealRose  
CartoColors

Temps  
CartoColors

Terrain  
Matplotlib

Thermal  
cmocean

Tofino  
Scientific  
Colour Maps

Tropic  
CartoColors

Turbid  
cmocean

Turbo  
Matplotlib

Twilight  
Matplotlib

TwilightShifted  
Matplotlib

Vik  
Scientific  
Colour Maps

Continued on next page



**Vik0**  
Scientific  
Colour Maps



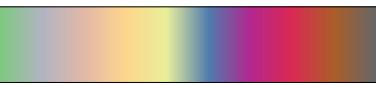
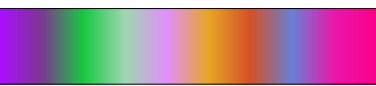
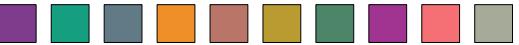
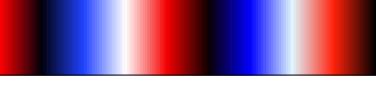
**Viridis**  
Matplotlib



**Zisso**  
Wes Anderson



## High-contrast palettes – 30 palettes

	Accent Colorbrewer	
	Alphabet Plotly	
	Antique CartoColors	
	Bold CartoColors	
	ColorBlind Tableau	
	Dark2 Colorbrewer	
	Fes Scientific Colour Maps	
	Flag Matplotlib	
	GistStern Matplotlib	
	GreenOrange Tableau	
	Paired Colorbrewer	
	Pastel CartoColors	
	Pastel1 Colorbrewer	
	Pastel2 Colorbrewer	
	Phase cmcean	
	Plotly Plotly	

Continued on next page



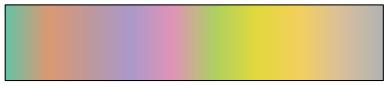
**Prism**  
CartoColors



**Safe**  
CartoColors



**Set1**  
Colorbrewer



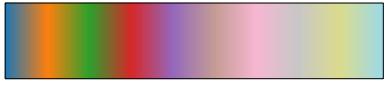
**Set2**  
Colorbrewer



**Set3**  
Colorbrewer



**Tab10**  
Matplotlib



**Tab20**  
Matplotlib



**Tab20b**  
Matplotlib



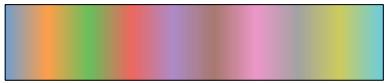
**Tab20c**  
Matplotlib



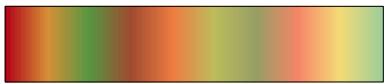
**Tableau**  
Tableau



**TableauLight**  
Tableau



**TableauMedium**  
Tableau



**TrafficLight**  
Tableau



**Vivid**  
CartoColors

