

Helpful web resources and R packages

Color brewer 2.0

<https://colorbrewer2.org/#type=sequential&scheme=BuGn&n=3>

Evaluate if your figure or image is colorblind friendly

<http://hclwizard.org:3000/cvdemulator/>

Brian Connelly - Creating Colorblind-Friendly Figures

http://bconnelly.net/posts/creating_colorblind-friendly_figures/

Towards Data Science - Two simple steps to create colorblind-friendly data visualizations

<https://towardsdatascience.com/two-simple-steps-to-create-colorblind-friendly-data-visualizations-2ed781a167ec>

datlyon - data visualization for colorblind reader

<https://www.datylon.com/blog/data-visualization-for-colorblind-readers>

package colorBlindness vignette

<https://cran.r-project.org/web/packages/colorBlindness/vignettes/colorBlindness.html>

package colorblindcheck vignette

<https://cran.r-project.org/web/packages/colorblindcheck/vignettes/intro-to-colorblindcheck.html>

package viridis

<https://riptutorial.com/r/example/25865/viridis---print-and-colorblind-friendly-palettes>

package graffify

https://grafify-vignettes.netlify.app/colour_palettes.html

package wesanderson - Wes Anderson films inspired color palletes

<https://github.com/karthik/wesanderson>

package MetBrewer - palettes inspired by artwork from Metropolitan Museum of Art

<https://github.com/BlakeRMills/MetBrewer>

tableau blog - 5 tips on designing colorblind-friendly visualizations

<https://www.tableau.com/about/blog/examining-data-viz-rules-dont-use-red-green-together#:~:text=One%20color%20used%20together%20in,blue%2Fbrown%20would%20also%20work.>

Data visualization with ggplot - YouTube tutorials

Dataslice - 5 Quick Ways to Improve ggplot2 Graphs

https://www.youtube.com/watch?v=qnw1xDnt_Ec

Cédric Scherer—Outlier 2021—ggplot wizardy: my favorite tricks and secrets for beautiful plots in R

https://www.youtube.com/watch?v=7UjA_5gNvdw

See his website:

<https://www.cedricscherer.com/tags/ggplot2/>

Twitter resources

'#TidyTuesday' Also a podcast

<https://github.com/rfordatascience/tidytuesday>

R4DS online learning community

<https://twitter.com/R4DScommunity>

Moriah Taylor - color palettes

https://twitter.com/moriah_taylor58/status/1395431000977649665

Matt Dancho - ggside

<https://twitter.com/mdancho84/status/1548647983939571713>

A.Z. Andis Arietta - ggplot tricks

<https://twitter.com/azandisarietta/status/1558836340904558593>