Looking for just the right colors for your data visualization?

I often cover tools to pick color palettes on my website (e.g. [here](https://paulvanderlaken.com/2020/01/15/leonardo-adaptive-color-palettes-using-contrast-ratio/), [here](https://paulvanderlaken.com/2018/09/09/google-for-colors/), or [here](https://paulvanderlaken.com/2018/11/11/100-amazing-color-palettes-including-their-hex-codes/)) and also host a comprehensive list of color packages in [my R programming resources overview](https://paulvanderlaken.com/2017/08/10/r-resources-cheatsheets-tutorials-books/).

However, paletteer is by far my favorite package for customizing your [**colors**](https://paulvanderlaken.com/2020/01/15/leonardo-adaptive-color-palettes-using-contrast-ratio/) in R!

The paletteer package offers **direct access to 1759 color palettes**, from 50 different packages!

After installing and loading the package, paletteer works as easy as just adding one additional line of code to your ggplot:

install.packages("paletteer")  
library(paletteer)  
  
install.packages("ggplot2")  
library(ggplot2)  
  
ggplot(iris, aes(Sepal.Length, Sepal.Width, color = Species)) +  
 geom\_point() +  
 **scale\_color\_paletteer\_d("nord::aurora")**

paletteer offers a combined collection of hundreds of other color palettes offered in the R programming environment, so you are sure you will find a palette that you like! Here’s the list copied below, but this [github repo](https://github.com/EmilHvitfeldt/r-color-palettes" \t "_blank) provides more detailed information about the package contents.

| **Name** | **Github** | **CRAN** |
| --- | --- | --- |
| awtools | [awhstin/awtools – 0.2.1](https://github.com/awhstin/awtools) | – |
| basetheme | [KKPMW/basetheme – 0.1.2](https://github.com/KKPMW/basetheme) | [0.1.2](https://cran.r-project.org/package=basetheme) |
| calecopal | [an-bui/calecopal – 0.1.0](https://github.com/an-bui/calecopal) | – |
| cartography | [riatelab/cartography – 2.2.1.1](https://github.com/riatelab/cartography) | [2.2.1](https://cran.r-project.org/package=cartography) |
| colorblindr | [clauswilke/colorblindr – 0.1.0](https://github.com/clauswilke/colorblindr) | – |
| colRoz | [jacintak/colRoz – 0.2.2](https://github.com/jacintak/colRoz) | – |
| dichromat | – | [2.0-0](https://cran.r-project.org/package=dichromat) |
| DresdenColor | [katiesaund/DresdenColor – 0.0.0.9000](https://github.com/katiesaund/DresdenColor) | – |
| dutchmasters | [EdwinTh/dutchmasters – 0.1.0](https://github.com/EdwinTh/dutchmasters) | – |
| fishualize | [nschiett/fishualize – 0.2.999](https://github.com/nschiett/fishualize) | [0.1.0](https://cran.r-project.org/package=fishualize) |
| gameofthrones | [aljrico/gameofthrones – 1.0.1](https://github.com/aljrico/gameofthrones) | [1.0.0](https://cran.r-project.org/package=gameofthrones) |
| ggpomological | [gadenbuie/ggpomological – 0.1.2](https://github.com/gadenbuie/ggpomological) | – |
| ggsci | [road2stat/ggsci – 2.9](https://github.com/road2stat/ggsci) | [2.9](https://cran.r-project.org/package=ggsci) |
| ggthemes | [jrnold/ggthemes – 4.2.0](https://github.com/jrnold/ggthemes) | [4.2.0](https://cran.r-project.org/package=ggthemes) |
| ggthemr | [cttobin/ggthemr – 1.1.0](https://github.com/cttobin/ggthemr) | – |
| ghibli | [ewenme/ghibli – 0.3.0.9000](https://github.com/ewenme/ghibli) | [0.3.0](https://cran.r-project.org/package=ghibli) |
| grDevices | – | 2.0-14 |
| harrypotter | [aljrico/harrypotter – 2.1.0](https://github.com/aljrico/harrypotter) | [2.1.0](https://cran.r-project.org/package=harrypotter) |
| IslamicArt | [lambdamoses/IslamicArt – 0.1.0](https://github.com/lambdamoses/IslamicArt) | – |
| jcolors | [jaredhuling/jcolors – 0.0.4](https://github.com/jaredhuling/jcolors) | [0.0.4](https://cran.r-project.org/package=jcolors) |
| LaCroixColoR | [johannesbjork/LaCroixColoR – 0.1.0](https://github.com/johannesbjork/LaCroixColoR) | – |
| lisa | [tyluRp/lisa – 0.1.1.9000](https://github.com/tyluRp/lisa) | [0.1.1](https://cran.r-project.org/package=lisa) |
| MapPalettes | [disarm-platform/MapPalettes – 0.0.2](https://github.com/disarm-platform/MapPalettes) | – |
| miscpalettes | [EmilHvitfeldt/miscpalettes – 0.0.0.9000](https://github.com/EmilHvitfeldt/miscpalettes) | – |
| nationalparkcolors | [katiejolly/nationalparkcolors – 0.1.0](https://github.com/katiejolly/nationalparkcolors) | – |
| NineteenEightyR | [m-clark/NineteenEightyR – 0.1.0](https://github.com/m-clark/NineteenEightyR) | – |
| nord | [jkaupp/nord – 1.0.0](https://github.com/jkaupp/nord) | [1.0.0](https://cran.r-project.org/package=nord) |
| ochRe | [ropenscilabs/ochRe – 1.0.0](https://github.com/ropenscilabs/ochRe) | – |
| oompaBase | – | [3.2.9](https://cran.r-project.org/package=oompaBase) |
| palettesForR | [frareb/palettesForR – 0.1.2](https://github.com/frareb/palettesForR) | [0.1.2](https://cran.r-project.org/package=palettesForR) |
| palettetown | [timcdlucas/palettetown – 0.1.1.90000](https://github.com/timcdlucas/palettetown) | [0.1.1](https://cran.r-project.org/package=palettetown) |
| palr | [AustralianAntarcticDivision/palr – 0.1.0](https://github.com/AustralianAntarcticDivision/palr) | [0.1.0](https://cran.r-project.org/package=palr) |
| pals | [kwstat/pals – 1.6](https://github.com/kwstat/pals) | [1.6](https://cran.r-project.org/package=pals) |
| PNWColors | [jakelawlor/PNWColors – 0.1.0](https://github.com/jakelawlor/PNWColors) | – |
| Polychrome | – | [1.2.3](https://cran.r-project.org/package=Polychrome) |
| rcartocolor | [Nowosad/rcartocolor – 2.0.0](https://github.com/Nowosad/rcartocolor) | [2.0.0](https://cran.r-project.org/package=rcartocolor) |
| RColorBrewer | – | [1.1-2](https://cran.r-project.org/package=RColorBrewer) |
| Redmonder | – | [0.2.0](https://cran.r-project.org/package=Redmonder) |
| RSkittleBrewer | [alyssafrazee/RSkittleBrewer – 1.1](https://github.com/alyssafrazee/RSkittleBrewer) | – |
| scico | [thomasp85/scico – 1.1.0](https://github.com/thomasp85/scico) | [1.1.0](https://cran.r-project.org/package=scico) |
| tidyquant | [business-science/tidyquant – 0.5.8](https://github.com/business-science/tidyquant) | [0.5.8](https://cran.r-project.org/package=tidyquant) |
| trekcolors | [leonawicz/trekcolors – 0.1.2](https://github.com/leonawicz/trekcolors) | [0.1.1](https://cran.r-project.org/package=trekcolors) |
| tvthemes | [Ryo-N7/tvthemes – 1.1.0](https://github.com/Ryo-N7/tvthemes) | [1.1.0](https://cran.r-project.org/package=tvthemes) |
| unikn | [hneth/unikn – 0.2.0.9003](https://github.com/hneth/unikn) | [0.2.0](https://cran.r-project.org/package=unikn) |
| vapeplot | [seasmith/vapeplot – 0.1.0](https://github.com/seasmith/vapeplot) | – |
| vapoRwave | [moldach/vapoRwave – 0.0.0.9000](https://github.com/moldach/vapoRwave) | – |
| viridis | [sjmgarnier/viridis – 0.5.1](https://github.com/sjmgarnier/viridis) | [0.5.1](https://cran.r-project.org/package=viridis) |
| visibly | [m-clark/visibly – 0.2.6](https://github.com/m-clark/visibly) | – |
| werpals | [sciencificity/werpals – 0.1.0](https://github.com/sciencificity/werpals) | – |
| wesanderson | [karthik/wesanderson – 0.3.6.9000](https://github.com/karthik/wesanderson) | [0.3.6](https://cran.r-project.org/package=wesanderson) |
| yarrr | [ndphillips/yarrr – 0.1.6](https://github.com/ndphillips/yarrr) | [0.1.5](https://cran.r-project.org/package=yarrr) |