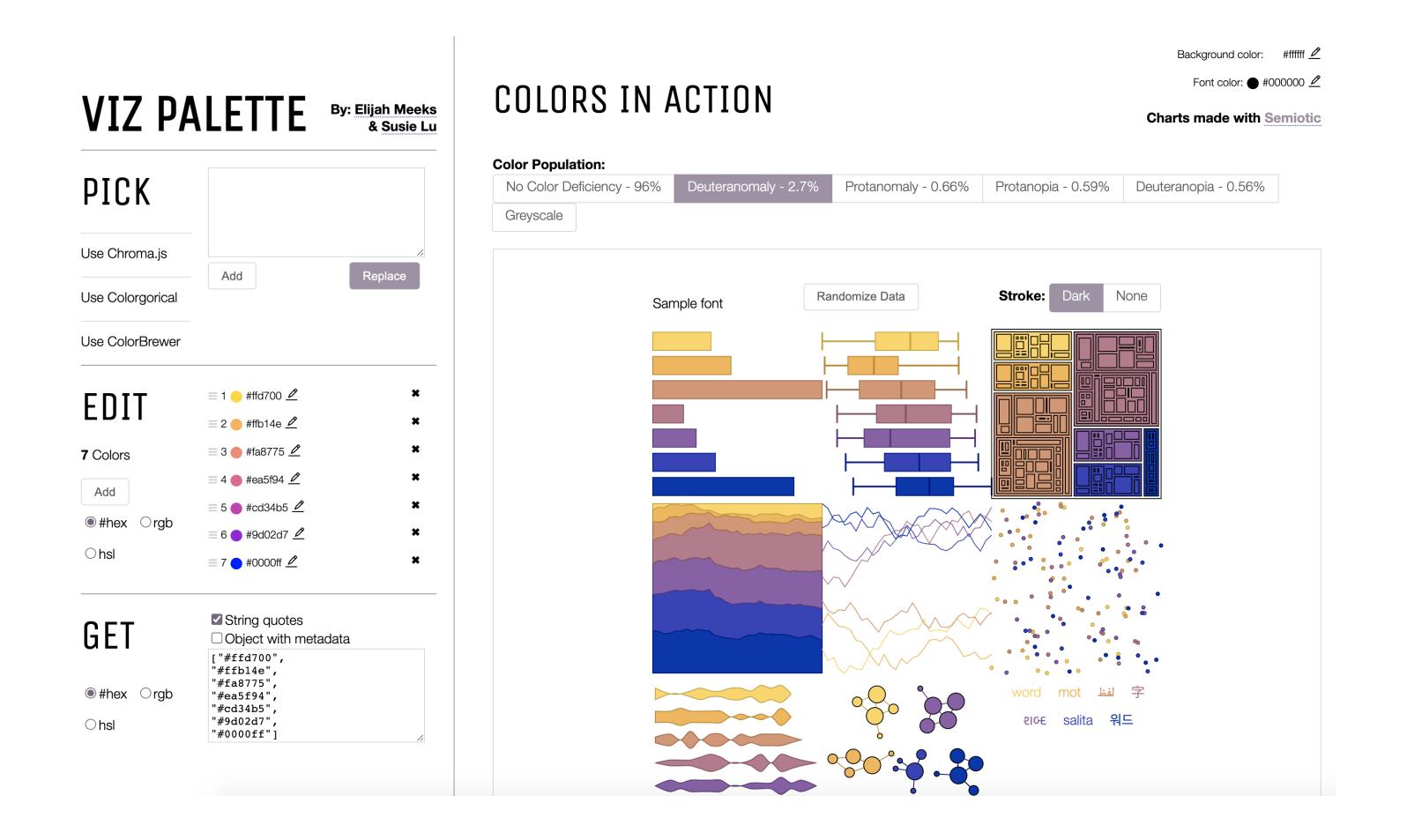
# Accessibility

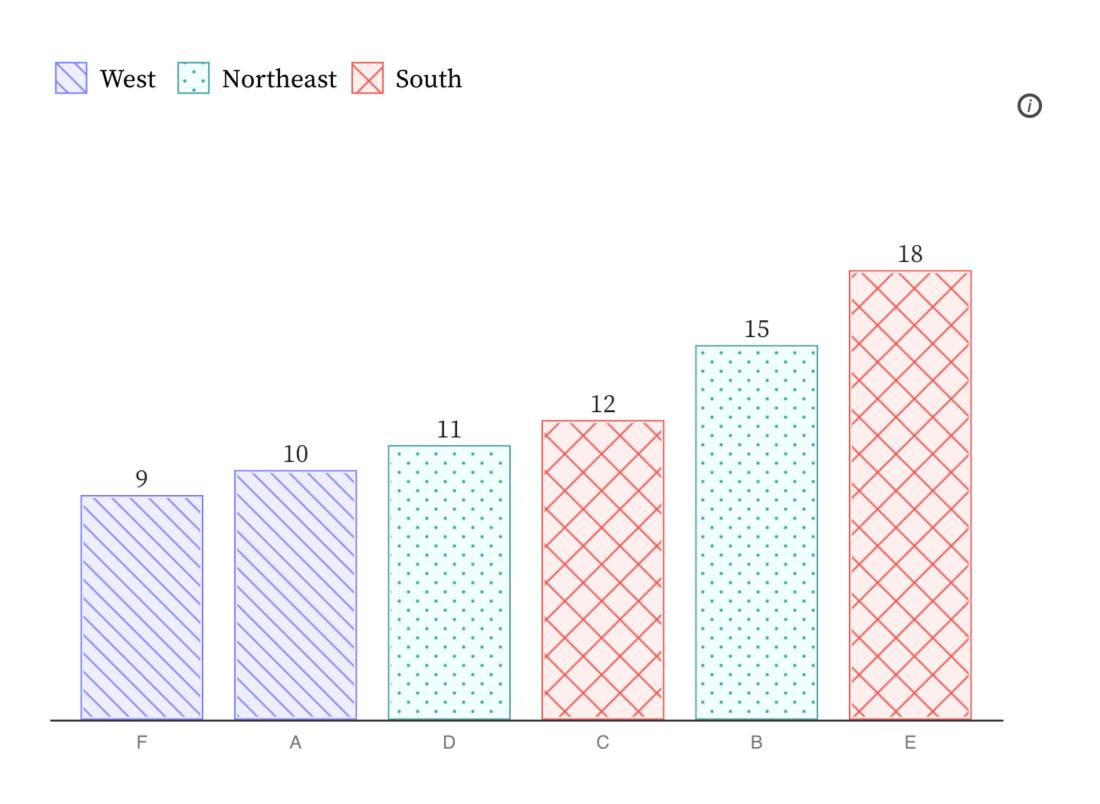






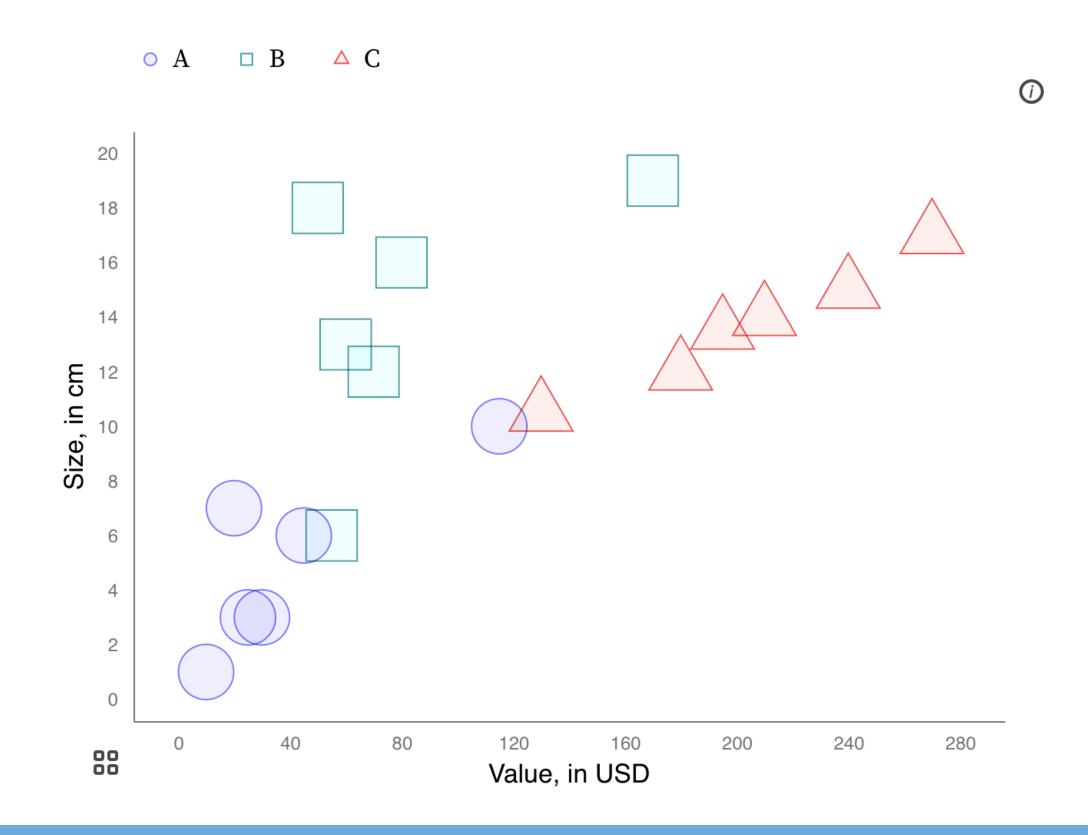


A bar chart that uses a categorical color scheme with textures that also match

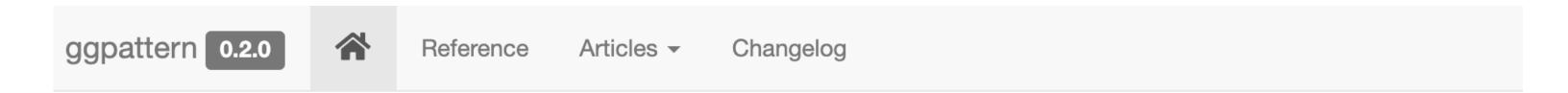


## A scatterplot that uses shapes in conjunction with color

Research supports the idea that shape and color can be used effectively as redundant encoding, not just for accessibility but general visual cognition too.



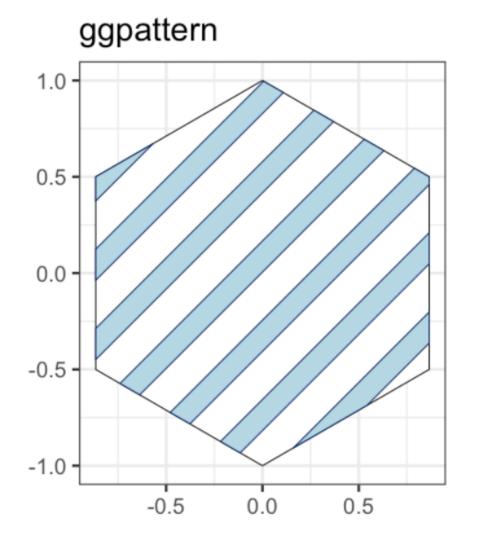




#### ggpattern

ggpattern provides custom
ggplot2 geoms which support filled
areas with geometric and imagebased patterns.

Reading the articles/vignettes on the package website is probably the best way to get started.



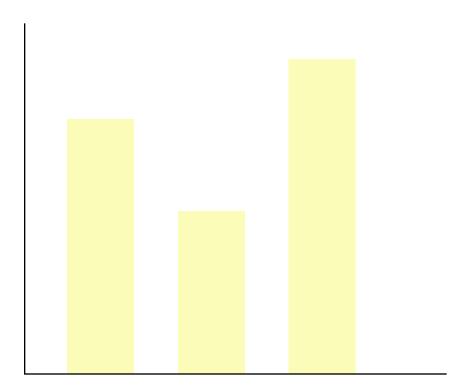




## Contrast

#### Insufficient

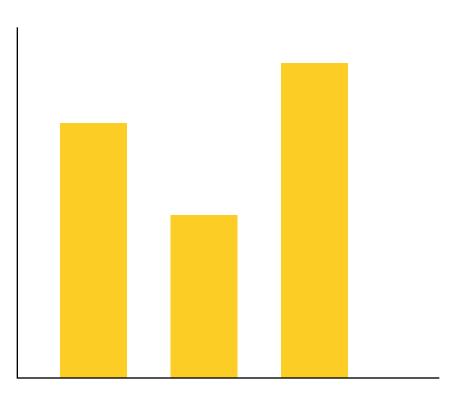
A chart title



https://webaim.org/resources/contrastchecker/

### Sufficient

A chart title





## Alt text

alt= "Chart type of type of data where reason for including chart"

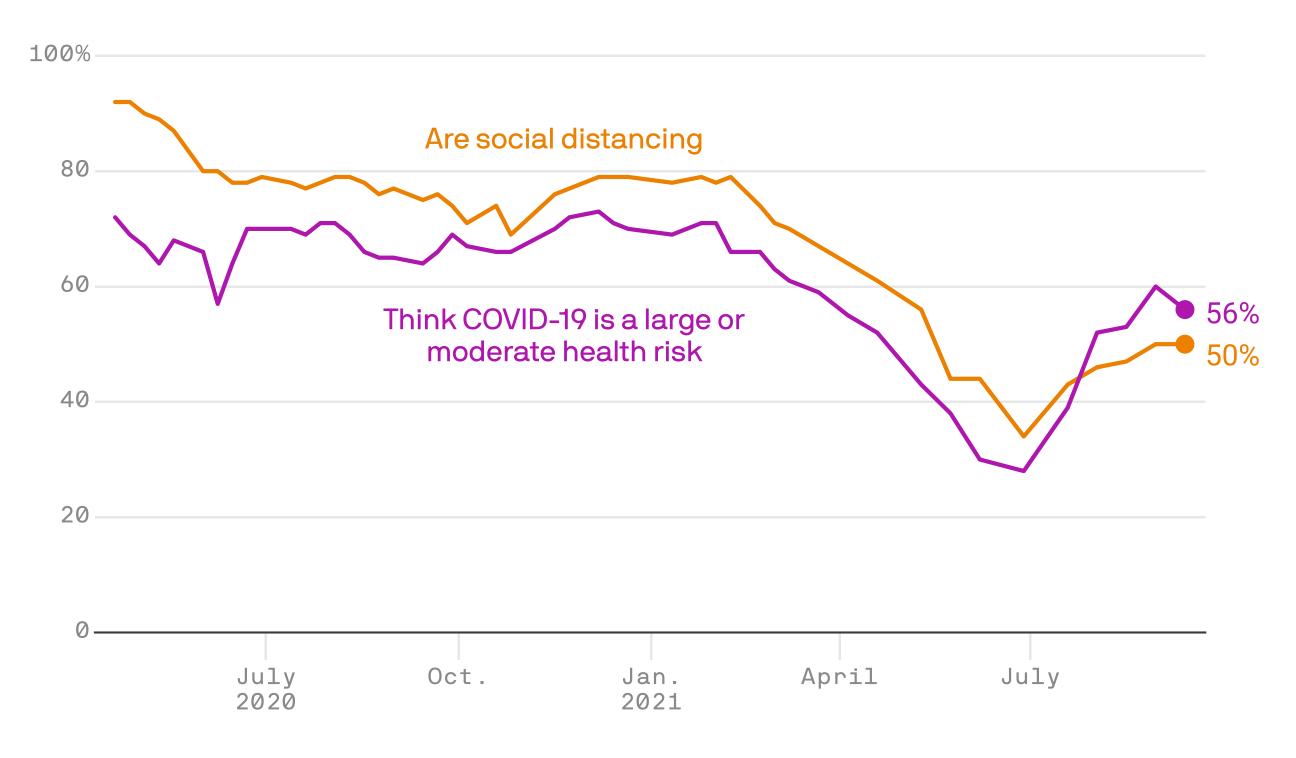
Include a **link to data source** somewhere in the text

https://medium.com/nightingale/writing-alt-text-for-data-visualization-2a218ef43f81



#### Percentage of Americans who...

Survey of up to 1,065 U.S. adults, April 20, 2020, to Sept. 13, 2021



alt= "Chart type of type of data where reason for including chart"

Include a **link to data source** somewhere in the text

A line chart with two lines showing the percentage of people who think COVID-19 is a large or moderate health risk, vs. the percentage who are social distancing. The lines are closely correlated, and for most of 2020 the values hover between 70-80%, then in 2021 they drop steadily to about 30% in July before rising to about 50% in September.

