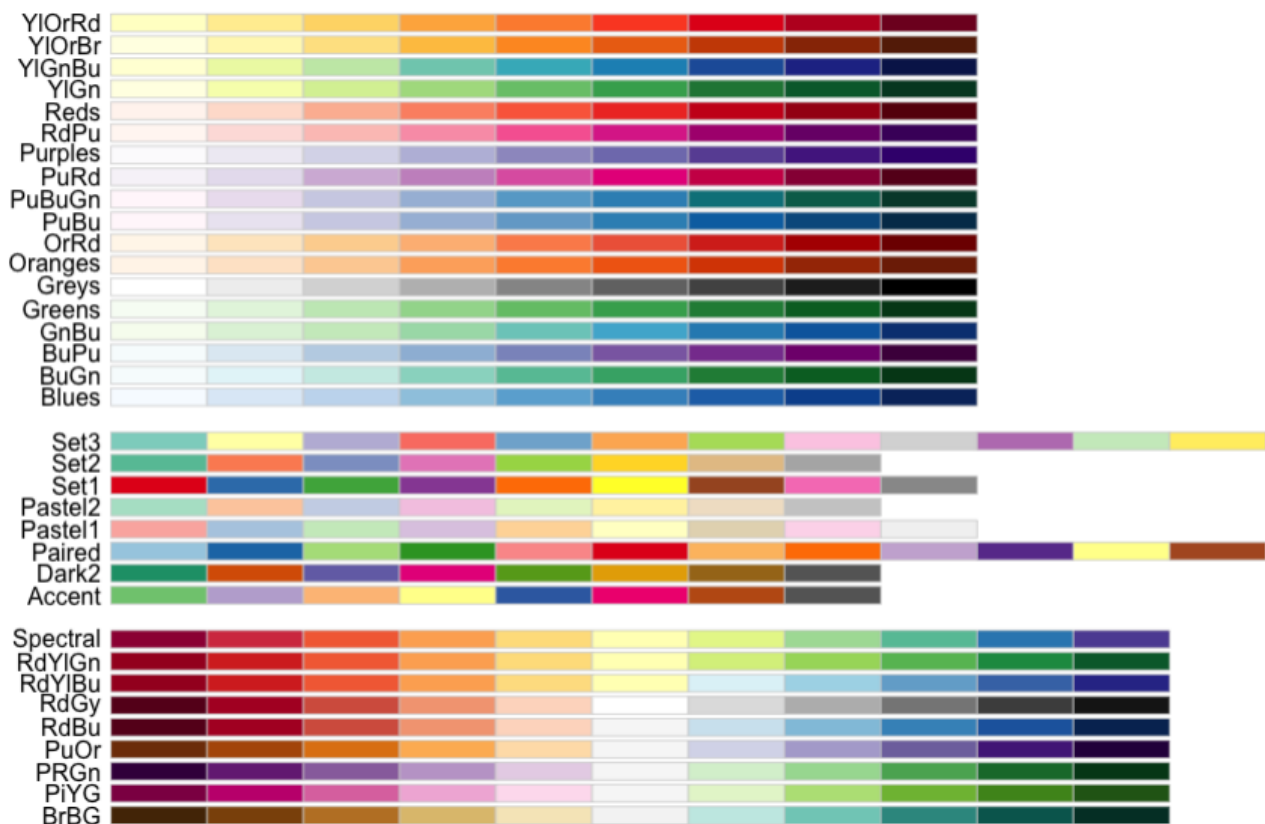# Using Palettes

- Palettes are sequences (lists or tuples) of RGB(A) hex strings that define a colormap and be can set as the palette attribute of all chart types from `bokeh.charts` and as the color attribute of many plot objects from `bokeh.plotting`.

- Bokeh offers many of the standard Brewer palettes, which can be imported from the `bokeh.palettes` module.

- For example, importing `Spectral6` gives a six element list of RBG(A) hex strings from the Brewer Spectral colormap.

```
>>> from bokeh.palettes import Spectral6
>>> Spectral6
[ '#3288bd', '#99d594', '#e6f598',
  '#fee08b', '#fc8d59', '#d53e4f']
```

- All of the standard palettes included in bokeh can be found at Standard Palettes.

- Custom palettes can be made by creating sequences of RGB(A) hex strings.

Colourblind Friendly Palettes

The default Palettes, that are used by high level charts, contain red and green are inappropriate for any colourblind users.

```
from bokeh.palettes import brewer
palette = brewer["Blues"][3]
```

pass palette into chart call e.g.

```
bar = Bar(medals, countries, title="grouped, dict_input",
xlabel="countries",
ylabel="medals",
legend=True, width=800, height=600,
notebook=True, palette=palette)
```

Palette can actually be a list of any values you want, but there's inbuilt palettes listed in the Bokeh documentation.