Alice is putting together a presentation on poverty in the United States. As part of this presentation, she wants to include a figure comparing relative poverty rates between the fifty states. In particular, she wants to include a bar chart of poverty rates to show which states have the highest poverty rates.

First, Alice arrives at our webpage. She notices a prominently displayed drop-down menu labeled “statistic” from which she selects “poverty rate”. This immediately displays the poverty rate of the fifty states in a default format to give Alice immediate feedback that what she is doing is working. She notices that the chart is already a bar chart by default, so she ignores the option to change it. The chart updates. She notices that the color-scheme clashes with her presentation; she also notices that beneath the chart options is a color-scheme options box. She selects blue. The chart updates immediately. The chart data indicates that this data is form the most recent year, as Alice desires, so she leaves the time parameters unchanged. Being the savvy web-user that she is, Alice right-clicks the image and saves it to her computer. She can now insert this graphic into her powerpoint. Later, she realizes that she wants to change the color again. Fortunately, the webpage saved her latest parameter selections in a cookie, allowing her to easily update the color of the same chart.

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