

D3 Interactive Bar Chart

- For the bars I chose a default color of cadet blue. When the mouse hovers over the bars they change to light blue. This is a different shade from the same color, so that is easy on the eyes next to each other.
- While hovering over a bar the chart show a bit of interactivity. One thing is that it changes color, but the more important thing is that it shows a tooltip element that immediately tells you the value of that bar. This way you can precisely see the value of each bar, instead of having to read it from the y-axis.
- The text in the tooltip is the same color (light blue) as the bar when you're hovering over it, so that the colors match nicely.
- On the x-axis the chart displays the dates that correspond to a certain bar. On the y-axis it shows the temperature in steps.
- The ticks of the y-axis are displayed through the entire width of the graph, so for every bar it is easier to read it's value from the y-axis.
- All the bars have a certain degree of transparency, that is specified with a CSS-opacity attribute. This way, you can easier see the y-axis ticks inside the chart.
- The x- and y-axes have an informative title so that it is clear what is on there.
- The chart itself also has an informative title, in a big font-size, so that it is clear what is displayed in the graph.
- The y-axis has a height that is set by `Math.ceil`-ing the maximum value in the graph, this way, all the values fit in the graph, and there is some spare space at the top.