

htmlwidgets

HTML is an interactive format, and you can take advantage of that interactivity with **htmlwidgets**, R functions that produce interactive HTML visualizations. For example, take the **leaflet** map below. If you're viewing this page on the web, you can drag the map around, zoom in and out, etc. You obviously can't do that in a book, so Quarto automatically inserts a static screenshot for you.

It's O.K. with HTML & Word, but the marker is cut off from the screenshot when rendered to PDF:

```
Sys.setenv(CHROMOTE_CHROME =  
  "C:/Users/Jean/AppData/Local/Google/Chrome/Application/chrome.exe")  
  
library(leaflet)
```

Warning: 'leaflet' R 4.1.3

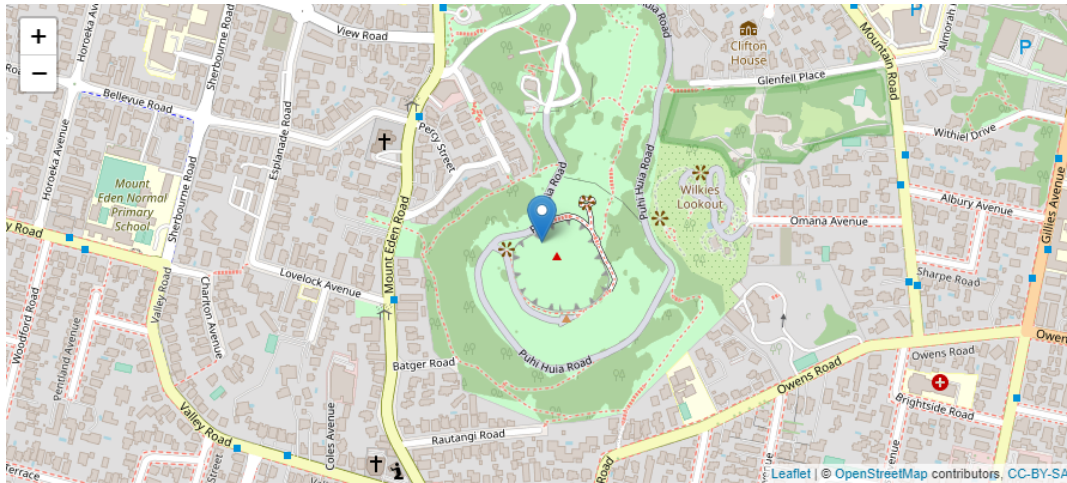
```
map<-leaflet(width = "90%") |>  
  setView(174.764, -36.877, zoom = 16) |>  
  addTiles() |>  
  addMarkers(174.764, -36.877, popup = "Maungawhau")  
map
```



It's O.K. by taking a snapshot and saving to png, then being loaded later.

```
library(htmlwidgets)
library(webshot2)

saveWidget(map, "leaflet_map.html", selfcontained = FALSE)
webshot("leaflet_map.html", file = "leaflet_map.png", cliprect = "viewport")
```



```
knitr::include_graphics("leaflet_map.png")
```