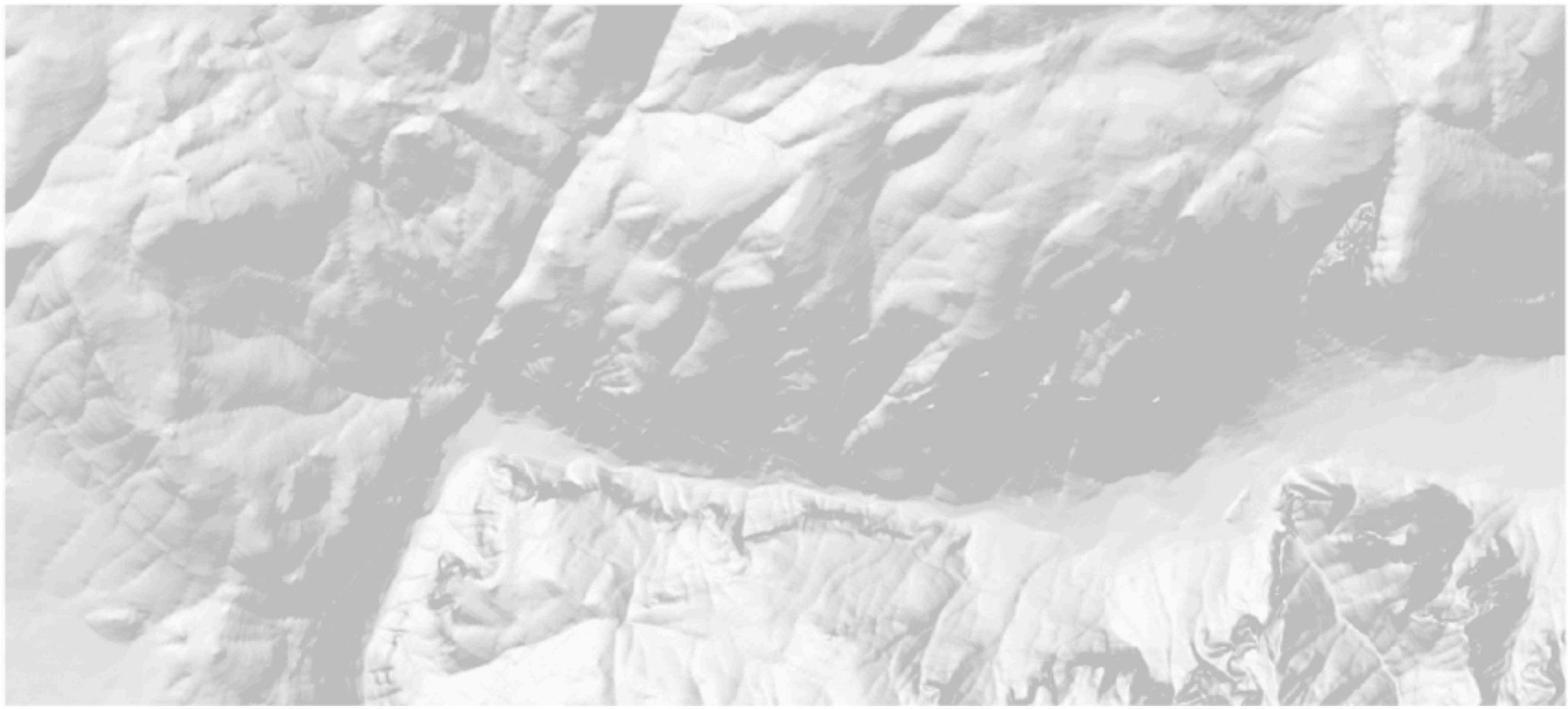
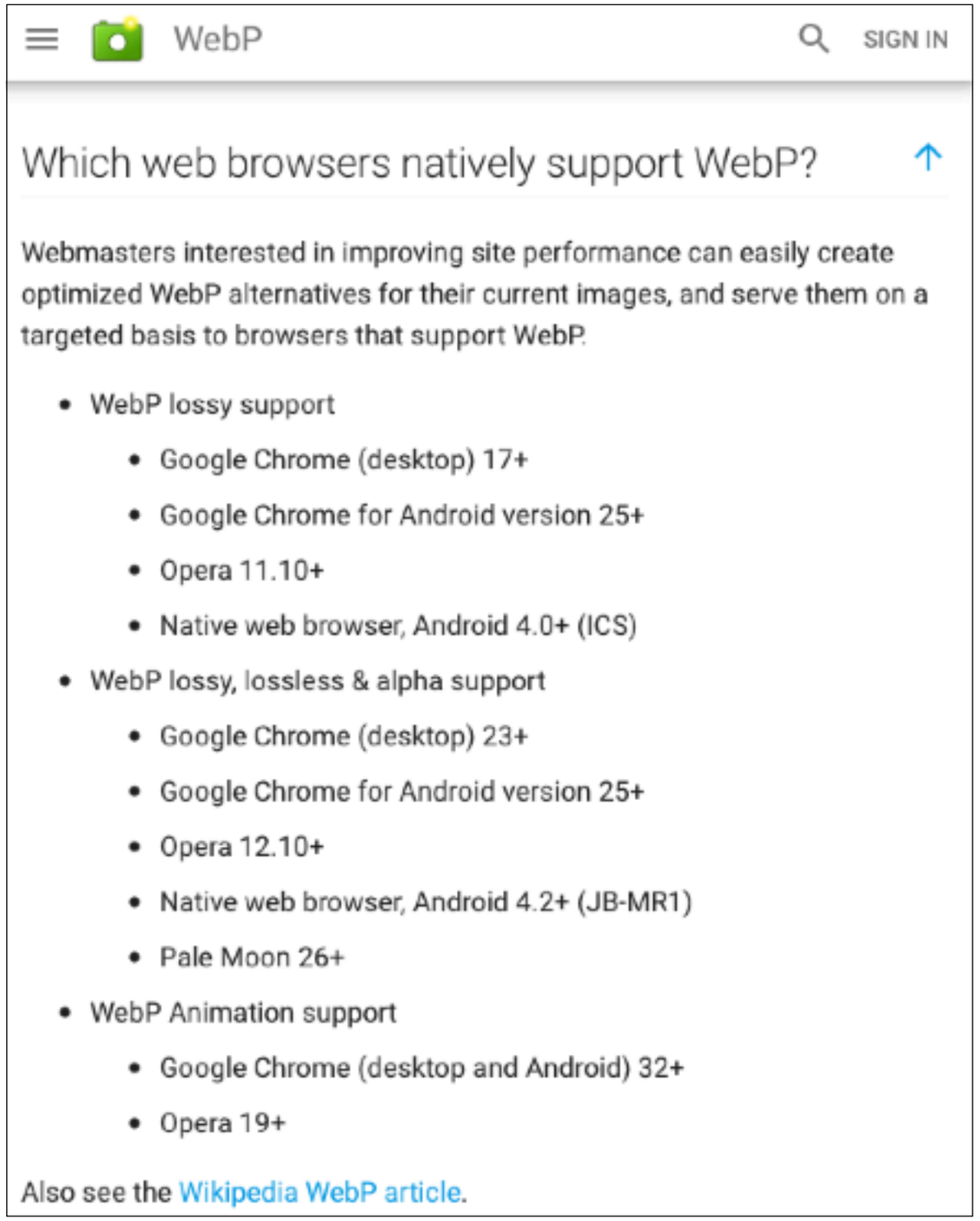


Rendering Raster Data

- Raster data is `tiled` and compressed with `WebP`
- `WebP` compress about 3 times smaller when compared to `PNG`
- https://developers.google.com/speed/webp
- Tiling is performed with the GDAL suite of tools from OSGEO, `gdal2tiles.py`

Not all Web Browsers support WebP

- But since we are Mobile First, this is a `don't care`
- We built the WebP reader into our Mobile SDK for iOS
- See our code and how to include a WebP reader for mobile
  - https://github.com/roblabs/mapbox-gl-native



WebP SIGN IN

Which web browsers natively support WebP?

Webmasters interested in improving site performance can easily create optimized WebP alternatives for their current images, and serve them on a targeted basis to browsers that support WebP.

- WebP lossy support
  - Google Chrome (desktop) 17+
  - Google Chrome for Android version 25+
  - Opera 11.10+
  - Native web browser, Android 4.0+ (ICS)
- WebP lossy, lossless & alpha support
  - Google Chrome (desktop) 23+
  - Google Chrome for Android version 25+
  - Opera 12.10+
  - Native web browser, Android 4.2+ (JB-MR1)
  - Pale Moon 26+
- WebP Animation support
  - Google Chrome (desktop and Android) 32+
  - Opera 19+

Also see the Wikipedia WebP article.

https://developers.google.com/speed/webp/faq