

To alter the brightness of a grid theme

- 1 Double-click on a grid theme's legend in the Table of Contents to open the Legend Editor.
- 2 Press the Advanced button in the Legend Editor.
- 3 Select a Brightness Theme from the dropdown list of grid themes in the view.
- 4 Alter the Minimum and Maximum Cell Brightness values, if desired.
- 5 Press OK in the Advanced Options dialog.
- 6 Press Apply in the Legend Editor.

Varying the brightness of the color used to display each cell in a grid theme with the value of another grid theme can help give depth to your display. You will not only be able to see how one variable is spatially distributed, but how another variable changes within that variable. This is useful for seeing the relationship between two grid themes, such as land use and topography. Topography is not the only type of information you can use as a brightness theme. Any continuous data set, such as distance, density, and percent-cover, can be used.

Values in between the lowest and highest cell values of the brightness theme are mapped between the Minimum Cell Brightness and the Maximum Cell Brightness by applying a linear stretch. Giving the Minimum Cell Brightness a higher value than the Maximum Cell Brightness allows lower values to be brighter than higher values in the brightness theme. An example of this would be having locations closer to roads brighter than locations farther away.

Mapping the Minimum or Maximum Cell Brightness to the value of 0 or 100 will result in the colors of black and white respectively in areas where the brightness theme has low and high cell values. If you don't want to totally wash out your colors, use a lower number than 100. If you want at least a small amount of color to be displayed, use a higher number than 0.