

Basic Vector Styling

QGIS Tutorials and Tips



Author

Ujaval Gandhi

<http://google.com/+UjavalGandhi>

Translations by

SongHyun Choi

□□ □□ □□□□

□□□ □□□ □□□□ GIS □□□□ □□ □□□ □□□ □□□ □□□ □□□□ □□□. QGIS□□ □ □□□□ □□□ □□□ □□□ □□ □ □□ □□ □□□ □□□□ □□□□. □□□□ □□□□ □□□□□ □□ □□□ □□□□.

□□ □□

□□□□ □□ □□□□□ □□ □□□ □□□□ □□ □□□□ □□□□ □□□ □ □□□□.

■ ■ ■ ■ ■ ■ ■ ■ ■ ■

- □□ □□□□ □□ □□□ □□.

□□□ □□

□□□ □□□□ □□□□ University of Wisconsin–Madison□ `Center for Sustainability and the Global Environment (SAGE) <<http://www.sage.wisc.edu/atlas/maps.php>>`_□ □□□□□.

□□□ □□ □□□□□□□□ □□□□□□□□ [Life Expectancy GIS Grid data](#) □ □□□□ □□ □ □□□□. □ □□□□ □□ □□ □□□ □□□ □□□□ □□ □ □□□□.

lifeexpectancy.zip

□□ □□ [SAGE]

□□

1. QGIS□ □□□□ Layer ▸ Add Vector Layer...□ □□□□□□.



2. `lifeexpectancy.zip` を開く。:guilabel: `Open` をクリックする。
`newsweek_data.shp` を開く。:guilabel: `Open` をクリックする。開いた後、`newsweek_data.shp` の CRS (CRS, Coordinate Reference System) を `WGS84 EPSG:4326` に設定する。



3. zip 파일을 압축 해제합니다. 압축 해제된 파일을 확인합니다.



4. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ :guilabel: `Open Attribute Table` ☐ ☐ ☐ ☐ ☐.



5. Click on the 'newsworld_data' layer in the Layers panel. Right-click on the layer and select 'Open Attribute Table' from the context menu. This will open the attribute table for the layer, showing the data for each country. The attribute table has columns for 'country' and 'LIFEXPCT' (Life Expectancy). The 'country' column contains the names of the countries, and the 'LIFEXPCT' column contains the life expectancy values. The attribute table is displayed in a table format with the following columns: 'country' and 'LIFEXPCT'. The 'country' column contains the names of the countries, and the 'LIFEXPCT' column contains the life expectancy values. The attribute table is displayed in a table format with the following columns: 'country' and 'LIFEXPCT'.

Attribute table - newswk_data :: Features total: 165, filtered: 165, selected: 0

	GRWRATE	URBPOP	MIG_RATE	POP_15	POP65_	LIFEXPCT	CONTRCEP
0	2.620000000	47.000000000	0.000000000	45.200000000	3.800000000	47.000000000	7.000000000
1	2.660000000	33.000000000	0.000000000	44.900000000	3.100000000	42.000000000	4.000000000
2	1.900000000	53.000000000	-0.400000000	33.200000000	5.100000000	76.000000000	58.000000000
3	0.940000000	35.000000000	-9.900000000	32.300000000	4.000000000	65.000000000	31.000000000
4	3.320000000	46.000000000	2.200000000	46.000000000	3.700000000	55.000000000	6.000000000
5	3.170000000	44.000000000	0.500000000	48.100000000	2.800000000	52.000000000	1.000000000
6	3.360000000	32.000000000	-0.100000000	48.000000000	2.500000000	50.000000000	8.000000000
7	3.400000000	5.000000000	0.700000000	49.800000000	2.300000000	46.000000000	10.000000000
8	2.880000000	8.000000000	0.000000000	46.300000000	2.900000000	48.000000000	9.000000000
9	3.720000000	29.000000000	-0.200000000	47.100000000	2.900000000	46.000000000	1.000000000
10	2.840000000	49.000000000	-0.100000000	48.500000000	2.200000000	49.000000000	1.000000000
11	3.310000000	15.000000000	-7.700000000	49.200000000	2.600000000	45.000000000	7.000000000
12	2.370000000	51.000000000	-0.100000000	39.700000000	3.900000000	59.000000000	30.000000000
13	2.830000000	27.000000000	32.000000000	44.900000000	3.300000000	47.000000000	4.000000000
14	2.970000000	25.000000000	-0.300000000	44.600000000	2.800000000	60.000000000	43.000000000
15	3.180000000	33.000000000	0.000000000	45.000000000	3.400000000	58.000000000	26.000000000
16	1.550000000	84.000000000	0.000000000	30.500000000	6.400000000	72.000000000	43.000000000
17	2.920000000	25.000000000	0.000000000	44.900000000	3.300000000	68.000000000	33.000000000
18	2.690000000	46.000000000	0.000000000	39.600000000	3.600000000	67.000000000	48.000000000
19	2.370000000	60.000000000	0.200000000	37.500000000	4.000000000	62.000000000	48.000000000
20	2.680000000	30.000000000	0.000000000	42.500000000	3.100000000	57.000000000	20.000000000
21	2.470000000	9.000000000	0.000000000	40.700000000	3.900000000	56.000000000	5.000000000

Show All Features

6. 000000 0000. 00 00000 000 0000 0000 00 0, :guilabel: `Properties` 000000.



7. □□ □□□□□□ Style`□□□□ □□□□ □□□□ □□□□. □□□□ □□□□□□□□ □□□□ □□□□ □□□□ □□□□ □, □□□□ :guilabel: `Single Symbol, □□□□ Categorized, □□□□ □□□□ Graduated, □□□□ □□ Rule Based and □□□□:guilabel: `Point displacement` □ □□□□□□□ □□□□□□. □□□□ □□ □□□□ □□□□ □□□□ □□□□.



8. Single Symbol` 0 000000. 0 000 00000 00 000 00 0000 0000 000 0
 000 000. 0000 000 00000000 000 00 000 0 0 0000. 0000 000 `fill 00 00
 `outline`00 0000 0 0 0000. 0 00 000 :guilabel: `dotted` 0 0000 000
 :guilabel: `OK` 0 000000.



9. □□□ □□□ □□□□ □□□□ □□□ □□□ □□□□ □□□ □□□□.



10. The first step is to open the 'Properties' dialog for the 'newweek_data' layer. This can be done by right-clicking on the layer in the Layers panel and selecting 'Properties'. The 'Style' tab is selected, and the 'Categorized' option is chosen. The 'Color ramp' is set to 'Sequential'. The 'Column' is set to 'LIFEXPCT'. The 'Classify' button is clicked, and the 'OK' button is clicked to apply the changes.



11. □□□ □□□ □□□ □□□ □□□ □□ □ □ □□□□. □□ □□□ □□ □□□□□ □□ □□□ □□ □□□□□ □□□□□. □□□□ □□ □□□ □□ □□□□, □□□□□□□ □□□□□ □□□□□ □□□□□. □□□ □□ □□□□ □□□□ □□□□ □□□□.

Note

□□□ □□□□ :guilabel: `Graduated` □□□□ □□□□ □□□ □□□□ □□□. □□□ □□□ □
□□□□. □□□ □□□ □□□□□ □ □□□□ □□□ □□□ □ □□□□.



13. □ □□□□ □□□□ □□□□□ 3□□ □□□ □□□ □□□□□.



14. □□ □□□□ □□ □□ □□ □□□ Properties` □ □□□ :guilabel:`Style □□□□ □□ □□□. □□ □ □□□ □□ □□ □□□. □ □□ □□ □□□ □ □□□ □□ □ □□□. □□□□ □, □, □□ □□□ □□ □□, □□ □□ □□ □□□ □□□□.



15. □□ □□ Symbol Selector □□□□□□ :guilabel: `Color` □ □□□□□.



16. Select Color dialog box.



17. Layer Properties dialog box has a tab called Label. This tab is used to create labels for the data classes. The Value field is used to enter the value for the label. The Label field is used to enter the label text. The OK button is used to save the changes.



18. The Layer Properties dialog box is used to modify the style of a layer. The 'Style' tab is used to modify the layer's appearance. The 'Labels' sub-tab is used to create labels for the data classes. The 'Value' field is used to enter the value for the label. The 'Label' field is used to enter the label text. The 'OK' button is used to save the changes.

