

**The following format string characters are accepted to control the line style or marker:**

| character | description           |
|-----------|-----------------------|
| '-'       | solid line style      |
| '--'      | dashed line style     |
| '-.'      | dash-dot line style   |
| ':'       | dotted line style     |
| '.'       | point marker          |
| ','       | pixel marker          |
| 'o'       | circle marker         |
| 'v'       | triangle_down marker  |
| '^'       | triangle_up marker    |
| '<'       | triangle_left marker  |
| '>'       | triangle_right marker |
| '1'       | tri_down marker       |
| '2'       | tri_up marker         |
| '3'       | tri_left marker       |
| '4'       | tri_right marker      |
| 's'       | square marker         |
| 'p'       | pentagon marker       |
| '*'       | star marker           |
| 'h'       | hexagon1 marker       |

|     |                        |
|-----|------------------------|
| 'H' | hexagon2 marker        |
| '+' | plus marker            |
| 'x' | x marker               |
| 'D' | diamond marker         |
| 'd' | thin_diamond<br>marker |
| ' ' | vline marker           |
| '_' | hline marker           |

**The following color abbreviations are supported:**

| character | color   |
|-----------|---------|
| 'b'       | blue    |
| 'g'       | green   |
| 'r'       | red     |
| 'c'       | cyan    |
| 'm'       | magenta |
| 'y'       | yellow  |
| 'k'       | black   |
| 'w'       | white   |

**Set the linestyle of the line (also accepts drawstyles, e.g., 'steps--')**

| linestyle         | description      |
|-------------------|------------------|
| '-' or 'solid'    | solid line       |
| '--' or 'dashed'  | dashed line      |
| '-.' or 'dashdot' | dash-dotted line |
| ':' or 'dotted'   | dotted line      |
| 'None'            | draw nothing     |
| ' '               | draw nothing     |
| ' '               | draw nothing     |

### font size in legend matplotlib :-

| Location String | Location Code |
|-----------------|---------------|
| 'best'          | 0             |
| 'upper right'   | 1             |
| 'upper left'    | 2             |
| 'lower left'    | 3             |
| 'lower right'   | 4             |
| 'right'         | 5             |
| 'center left'   | 6             |
| 'center right'  | 7             |
| 'lower center'  | 8             |
| 'upper center'  | 9             |
| 'center'        | 10            |