Issue #16482: Pyplot hlines and vlines do not use the 'lines.color' property in rcParams by default

https://github.com/matplotlib/matplotlib/issues/16482

Description:

The bug is that hlines' and vlines' colors do not always default to the lines.color set in rcParams, which specifies the defaults for various properties including line color. The initial behavior is when the color is unspecified the line will follow the color cycle (starting with blue) and when color is None, it uses the default lines.color value black. The bug occurs when changing the default color in rcParams. When the color is unspecified, the color correctly uses the lines.color value. But when color is given None, the color incorrectly uses the initial default value, black, instead of the default set in the rcParams.
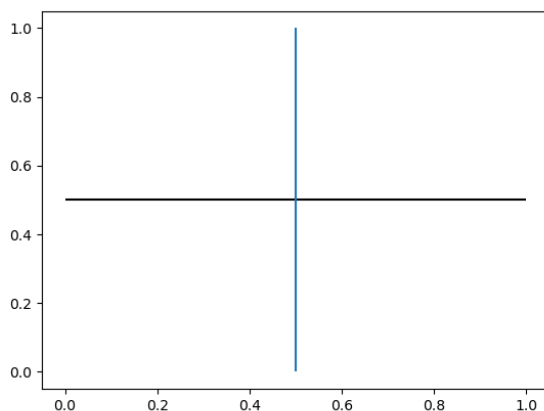
Reproduction Steps:

1. Install matplotlib packages

   python -m pip install -U pip
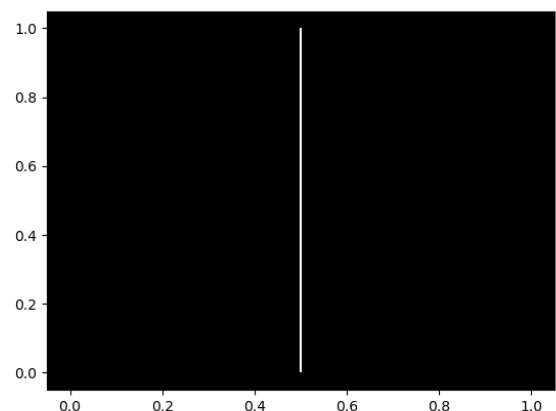   python -m pip install -U matplotlib

2. Download the 'bug_linecolors.py' file

3. Run the file
   - By default, it will show you 2 figures, the intended initial behavior and the bug
   - If you want to download the figures, uncomment lines 17 and 18

Result:

Initial Figure (Intended)   White line color Figure (Bug)

Expected Result for the second figure: