

2.23 Environment variables

Rich respects some standard environment variables.

Setting the environment variable TERM to "dumb" or "unknown" will disable color/style and some features that require moving the cursor, such as progress bars.

If the environment variable FORCE_COLOR is set and non-empty, then color/styles will be enabled regardless of the value of TERM.

If the environment variable NO_COLOR is set, Rich will disable all color in the output. NO_COLOR takes precedence over FORCE_COLOR. See [no_color](#) for details.

Note

The NO_COLOR environment variable removes *color* only. Styles such as dim, bold, italic, underline etc. are preserved.

The environment variable TTY_COMPATIBLE is used to override Rich's auto-detection of terminal support. If TTY_COMPATIBLE is set to 1 then Rich will assume it is writing to a device which can handle escape sequences like a terminal. If TTY_COMPATIBLE is set to "0", then Rich will assume that it is writing to a device that is *not* capable of displaying escape sequences (such as a regular file). If the variable is not set, or set to a value other than "0" or "1", then Rich will attempt to auto-detect terminal support.

The environment variable TTY_INTERACTIVE is used to override Rich's auto-detection of *Interactive mode*. If you set this to "0", it will disable interactive mode even if Rich thinks it is writing to a terminal. Set this to "1" to force interactive mode on. If this environment variable is not set, or set to any other value, then interactive mode will be auto-detected as normal.

Note

If you want Rich output in CI or Github Actions, then you should set TTY_COMPATIBLE=1 and TTY_INTERACTIVE=0. The combination of both these variables tells rich that it can output escape sequences, and also that there is no user interacting with the terminal – so it won't bother animating progress bars.

If width / height arguments are not explicitly provided as arguments to `Console` then the environment variables `COLUMNS` / `LINES` can be used to set the console width / height. `JUPYTER_COLUMNS` / `JUPYTER_LINES` behave similarly and are used in Jupyter.

Note that environment variables set defaults in the `Console` object. If you explicitly set any variables in the constructor then these will take precedence.