

CSS filter: Portable Color Filters

With PdfGenerateConfig.PortableColorFilters on, brightness(), contrast(), and invert() are written as blend-mode layers (Multiply, ColorDodge, ColorBurn, Screen, Difference) instead of an ExtGState /TR transfer function, so a reader that ignores /TR - MuPDF, and the viewers built on it - still shows the filter. Still vector, not a bitmap. (docs/html-css-support.md#filters-and-blend-modes)

1 — Individual functions

A rectangular box with a horizontal gradient from orange on the left to blue on the right. The word "Peach" is centered in white.

baseline (no filter)
filter: none

A rectangular box with a horizontal gradient from light yellow on the left to light blue on the right. The word "Peach" is centered in white.

brightness
filter: brightness(1.6)

A rectangular box with a horizontal gradient from orange on the left to blue on the right. The word "Peach" is centered in white.

contrast
filter: contrast(1.8)

A rectangular box with a horizontal gradient from dark blue on the left to dark brown on the right. The word "Peach" is centered in black.

invert
filter: invert(1)

2 — Darkening and partial strength

A rectangular box with a horizontal gradient from dark brown on the left to dark blue on the right. The word "Peach" is centered in a light gray.

brightness below 1
filter: brightness(0.5)

A rectangular box with a horizontal gradient from reddish-brown on the left to blue on the right. The word "Peach" is centered in a light gray.

contrast below 1
filter: contrast(0.5)

A rectangular box with a horizontal gradient from dark gray on the left to dark blue on the right. The word "Peach" is centered in a light gray.

partial invert
filter: invert(0.4)

A rectangular box with a horizontal gradient from orange on the left to yellow on the right. The word "Peach" is centered in white.

brightness + contrast
filter: brightness(1.3) contrast(1.4)