

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

|             | Hex(FFFFFF)                                               | Hex(C5FFFF)                                               | Hex(FFEBEF)                                               | Hex(FFF6CB)                                               |
|-------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Hex(FFFFFF) |                                                           | <a href="#">Ratio: 1.10</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.14</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.09</a><br><u>Failed</u> <sup>5</sup> |
| Hex(C5FFFF) | <a href="#">Ratio: 1.10</a><br><u>Failed</u> <sup>5</sup> |                                                           | <a href="#">Ratio: 1.04</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><u>Failed</u> <sup>5</sup> |
| Hex(FFEBEF) | <a href="#">Ratio: 1.14</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.04</a><br><u>Failed</u> <sup>5</sup> |                                                           | <a href="#">Ratio: 1.05</a><br><u>Failed</u> <sup>5</sup> |
| Hex(FFF6CB) | <a href="#">Ratio: 1.09</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><u>Failed</u> <sup>5</sup> | <a href="#">Ratio: 1.05</a><br><u>Failed</u> <sup>5</sup> |                                                           |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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