

# Converting Colors - WCAG Matrix

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

**Hex(FFFF93) Hex(FFFFAC) Hex(FFFC6) Hex(FFFE0) Hex(FFFF9) Hex(FFFFFF)**

| <b>Hex(FFFF93)</b> |                                                                   | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.03</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> |
|--------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Hex(FFFFAC)</b> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.04</a><br><a href="#">Failed<sup>5</sup></a> |
| <b>Hex(FFFC6)</b>  | <a href="#">Ratio: 1.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.03</a><br><a href="#">Failed<sup>5</sup></a> |
| <b>Hex(FFFE0)</b>  | <a href="#">Ratio: 1.03</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |
| <b>Hex(FFFF9)</b>  | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.04</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.03</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.00</a><br><a href="#">Failed<sup>5</sup></a> |
| <b>Hex(FFFFFF)</b> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.04</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.03</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.00</a><br><a href="#">Failed<sup>5</sup></a> |

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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