

# Converting Colors - WCAG Matrix

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

**Hex(5E4BF1) Hex(4933F1) Hex(341AF1) Hex(1E02F1) Hex(1C00F1)**

| Hex(5E4BF1) | <a href="#">Ratio: 1.24</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.46</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.61</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.62</a><br><a href="#">Failed</a> <sup>5</sup> |
|-------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Hex(4933F1) | <a href="#">Ratio: 1.24</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.30</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(341AF1) | <a href="#">Ratio: 1.46</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.10</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(1E02F1) | <a href="#">Ratio: 1.61</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.30</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.10</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(1C00F1) | <a href="#">Ratio: 1.62</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.30</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <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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