

# Converting Colors - WCAG Matrix

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

**Hex(B8E6CF)** **Hex(CFE6DB)** **Hex(E6E6E6)** **Hex(FDE6F2)** **Hex(FFE6FD)** **Hex(FFE6FF)**

| <b>Hex(B8E6CF)</b> |                                                                    | <a href="#">Ratio: 1.05</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: 1.17</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: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> |
|--------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Hex(CFE6DB)</b> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.05</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: 1.12</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.13</a><br><a href="#">Failed</a> <sup>5</sup> |
| <b>Hex(E6E6E6)</b> | <a href="#">Ratio: 1.10</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.07</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.07</a><br><a href="#">Failed</a> <sup>5</sup> |
| <b>Hex(FDE6F2)</b> | <a href="#">Ratio: 1.17</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: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <sup>5</sup> |
| <b>Hex(FFE6FD)</b> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.12</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.07</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.00</a><br><a href="#">Failed</a> <sup>5</sup> |
| <b>Hex(FFE6FF)</b> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.13</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.07</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.00</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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