

# Converting Colors - WCAG Matrix

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

**Hex(7BB5B5) Hex(FFFFFF) Hex(B2EDED) Hex(CEFFFF) Hex(EAFFFF)**

|             | Hex(7BB5B5)                                                        | Hex(FFFFFF)                                                        | Hex(B2EDED)                                                        | Hex(CEFFFF)                                                        | Hex(EAFFFF)                                                        |
|-------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Hex(7BB5B5) |                                                                    | <a href="#">Ratio: 2.30</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.78</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 2.12</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 2.22</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(FFFFFF) | <a href="#">Ratio: 2.30</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.29</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.08</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.04</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(B2EDED) | <a href="#">Ratio: 1.78</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.29</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.19</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.25</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(CEFFFF) | <a href="#">Ratio: 2.12</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.08</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.19</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.05</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(EAFFFF) | <a href="#">Ratio: 2.22</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.04</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.25</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.05</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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