

# Converting Colors - WCAG Matrix

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

**Hex(9BCBB2) Hex(B6E7CD) Hex(D2FFEA) Hex(EFFFFFF) Hex(FFFFFF)**

| Hex(9BCBB2)  |                                                                   | <a href="#">Ratio: 1.32</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.66</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.76</a><br><a href="#">Failed<sup>5</sup></a> |
|--------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Hex(B6E7CD)  | <a href="#">Ratio: 1.32</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   | <a href="#">Ratio: 1.26</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.33</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D2FFEA)  | <a href="#">Ratio: 1.66</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.26</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(EFFFFFF) | <a href="#">Ratio: 1.76</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.33</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> |                                                                   |
| Hex(FFFFFF)  | <a href="#">Ratio: 1.81</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.37</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.09</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.03</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).