

# Converting Colors - WCAG Matrix

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

**Hex(FF99AB) Hex(FFB3C0) Hex(FFCCD5) Hex(FFE6EA) Hex(FFFFFF)**

|             | Hex(FF99AB)   | Hex(FFB3C0)   | Hex(FFCCD5)   | Hex(FFE6EA)   | Hex(FFFFFF)   |
|-------------|---|---|---|---|---|
| Hex(FF99AB) |   | <a href="#">Ratio: 1.20</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.71</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 2.02</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(FFB3C0) | <a href="#">Ratio: 1.20</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.19</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.69</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(FFCCD5) | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.19</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.20</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.41</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(FFE6EA) | <a href="#">Ratio: 1.71</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.20</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.18</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(FFFFFF) | <a href="#">Ratio: 2.02</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.69</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.41</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.18</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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