

# Converting Colors - WCAG Matrix

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

|             | Hex(FFB7CE)                                        | Hex(FFD1DF)                                        | Hex(FFEAF1)                                        | Hex(FFFFFF)                                        |
|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Hex(FFB7CE) |                                                    | Ratio: <a href="#">1.20</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.42</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.63</a><br>Failed <sup>5</sup> |
| Hex(FFD1DF) | Ratio: <a href="#">1.20</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.18</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.36</a><br>Failed <sup>5</sup> |
| Hex(FFEAF1) | Ratio: <a href="#">1.42</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.18</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.15</a><br>Failed <sup>5</sup> |
| Hex(FFFFFF) | Ratio: <a href="#">1.63</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.36</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.15</a><br>Failed <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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