

# Converting Colors - WCAG Matrix

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

Hex(BD8F75) Hex(FFFFFF) Hex(F7C5A9) Hex(FFE1C4) Hex(FFFEE0) Hex(FFFFFD)

|             | Hex(BD8F75)                        | Hex(FFFFFF)                        | Hex(F7C5A9)                        | Hex(FFE1C4)                        | Hex(FFFEE0)                        | Hex(FFFFFD)                        |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(BD8F75) |                                    | Ratio: 2.86<br>Failed <sup>5</sup> | Ratio: 1.84<br>Failed <sup>5</sup> | Ratio: 2.29<br>Failed <sup>5</sup> | Ratio: 2.79<br>Failed <sup>5</sup> | Ratio: 2.85<br>Failed <sup>5</sup> |
| Hex(FFFFFF) | Ratio: 2.86<br>Failed <sup>5</sup> |                                    | Ratio: 1.55<br>Failed <sup>5</sup> | Ratio: 1.25<br>Failed <sup>5</sup> | Ratio: 1.02<br>Failed <sup>5</sup> | Ratio: 1.00<br>Failed <sup>5</sup> |
| Hex(F7C5A9) | Ratio: 1.84<br>Failed <sup>5</sup> | Ratio: 1.55<br>Failed <sup>5</sup> |                                    | Ratio: 1.24<br>Failed <sup>5</sup> | Ratio: 1.52<br>Failed <sup>5</sup> | Ratio: 1.55<br>Failed <sup>5</sup> |
| Hex(FFE1C4) | Ratio: 2.29<br>Failed <sup>5</sup> | Ratio: 1.25<br>Failed <sup>5</sup> | Ratio: 1.24<br>Failed <sup>5</sup> |                                    | Ratio: 1.22<br>Failed <sup>5</sup> | Ratio: 1.25<br>Failed <sup>5</sup> |
| Hex(FFFEE0) | Ratio: 2.79<br>Failed <sup>5</sup> | Ratio: 1.02<br>Failed <sup>5</sup> | Ratio: 1.52<br>Failed <sup>5</sup> | Ratio: 1.22<br>Failed <sup>5</sup> |                                    | Ratio: 1.02<br>Failed <sup>5</sup> |
| Hex(FFFFFD) | Ratio: 2.85<br>Failed <sup>5</sup> | Ratio: 1.00<br>Failed <sup>5</sup> | Ratio: 1.55<br>Failed <sup>5</sup> | Ratio: 1.25<br>Failed <sup>5</sup> | Ratio: 1.02<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.

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