

# Converting Colors - WCAG Matrix

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

Hex(FFE0B0) Hex(FFEAC9) Hex(FFF4E3) Hex(FFFEFC) Hex(FFFFFF)

|             | Hex(FFE0B0)                        | Hex(FFEAC9)                        | Hex(FFF4E3)                        | Hex(FFFEFC)                        | Hex(FFFFFF)                        |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(FFE0B0) |                                    | Ratio: 1.08<br>Failed <sup>5</sup> | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.26<br>Failed <sup>5</sup> | Ratio: 1.27<br>Failed <sup>5</sup> |
| Hex(FFEAC9) | Ratio: 1.08<br>Failed <sup>5</sup> |                                    | Ratio: 1.08<br>Failed <sup>5</sup> | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.18<br>Failed <sup>5</sup> |
| Hex(FFF4E3) | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.08<br>Failed <sup>5</sup> |                                    | Ratio: 1.08<br>Failed <sup>5</sup> | Ratio: 1.09<br>Failed <sup>5</sup> |
| Hex(FFFEFC) | Ratio: 1.26<br>Failed <sup>5</sup> | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.08<br>Failed <sup>5</sup> |                                    | Ratio: 1.01<br>Failed <sup>5</sup> |
| Hex(FFFFFF) | Ratio: 1.27<br>Failed <sup>5</sup> | Ratio: 1.18<br>Failed <sup>5</sup> | Ratio: 1.09<br>Failed <sup>5</sup> | Ratio: 1.01<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).