

# Converting Colors - WCAG Matrix

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

|             | Hex(EDAF94)                                   | Hex(FFFFFF)                                   | Hex(FFE7CA)                                   | Hex(FFFE6)                                    |
|-------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Hex(EDAF94) | <div>Ratio: 1.88<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.57<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.57<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.85<br/>Failed<sup>5</sup></div> |
| Hex(FFFFFF) | <div>Ratio: 1.88<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.20<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.20<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.01<br/>Failed<sup>5</sup></div> |
| Hex(FFE7CA) | <div>Ratio: 1.57<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.20<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.20<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.18<br/>Failed<sup>5</sup></div> |
| Hex(FFFE6)  | <div>Ratio: 1.85<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.01<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.18<br/>Failed<sup>5</sup></div> | <div>Ratio: 1.18<br/>Failed<sup>5</sup></div> |

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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