

# Converting Colors - WCAG Matrix

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

**Hex(E3E8D6) Hex(E9E8ED) Hex(F0E8FF) Hex(F6E8FF) Hex(FDE8FF) Hex(FFE8FF)**

| Hex(E3E8D6) |                                                    | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.07</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.08</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.09</a><br>Failed <sup>5</sup> |
|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Hex(E9E8ED) | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.04</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.06</a><br>Failed <sup>5</sup> |
| Hex(F0E8FF) | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> |
| Hex(F6E8FF) | <a href="#">Ratio: 1.07</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.04</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.02</a><br>Failed <sup>5</sup> |
| Hex(FDE8FF) | <a href="#">Ratio: 1.08</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.00</a><br>Failed <sup>5</sup> |
| Hex(FFE8FF) | <a href="#">Ratio: 1.09</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.06</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.03</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.02</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.00</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.

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