

# Converting Colors - WCAG Matrix

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

**Hex(AC9C8D) Hex(FFFFFF) Hex(E4D2C3) Hex(FFEFDF) Hex(FFFFFFB)**

<b>Hex(AC9C8D)</b>		<a href="#">Ratio: 2.66</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.81</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.36</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.65</a> <b>Failed</b> <sup>5</sup>
<b>Hex(FFFFFF)</b>	<a href="#">Ratio: 2.66</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 1.47</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <b>Failed</b> <sup>5</sup>
<b>Hex(E4D2C3)</b>	<a href="#">Ratio: 1.81</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.47</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 1.30</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.46</a> <b>Failed</b> <sup>5</sup>
<b>Hex(FFEFDF)</b>	<a href="#">Ratio: 2.36</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.30</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 1.12</a> <b>Failed</b> <sup>5</sup>
<b>Hex(FFFFFFB)</b>	<a href="#">Ratio: 2.65</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.46</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.12</a> <b>Failed</b> <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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