

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(EEDDE2) Hex(FFEBF1) Hex(EEE0DD) Hex(786C70) Hex(B80039) Hex(380011)**

<b>Hex(EEDDE2)</b>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.19</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.67</a> Passed <sup>6</sup>
<b>Hex(FFEBF1)</b>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.65</a> Passed <sup>6</sup>
<b>Hex(EEE0DD)</b>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.28</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.89</a> Passed <sup>6</sup>
<b>Hex(786C70)</b>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>
<b>Hex(B80039)</b>	<a href="#">Ratio: 5.19</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.28</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.63</a> Failed <sup>5</sup>
<b>Hex(380011)</b>	<a href="#">Ratio: 13.67</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.65</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.63</a> 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).