

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(ECBBB7) Hex(FFBFBA) Hex(ECD5B7) Hex(756A6A) Hex(B50E00) Hex(360400)**

<b>Hex(ECBBB7)</b>		<a href="#">Ratio: 1.09</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.07</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.08</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 10.52</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(FFBFBA)</b>	<a href="#">Ratio: 1.09</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.33</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.43</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 11.42</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(ECD5B7)</b>	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 3.67</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.88</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 12.58</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(756A6A)</b>	<a href="#">Ratio: 3.07</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 3.33</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 3.67</a> <a href="#">AA 18pt<sup>2</sup></a>		<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.43</a> <a href="#">AA 18pt<sup>2</sup></a>
<b>Hex(B50E00)</b>	<a href="#">Ratio: 4.08</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.43</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.88</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.58</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(360400)</b>	<a href="#">Ratio: 10.52</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 11.42</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 12.58</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 3.43</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.58</a> <a href="#">Failed<sup>5</sup></a>	

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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