

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(FFE2EB) Hex(FFDDE8) Hex(E2FFE8) Hex(807377) Hex(BF0039) Hex(400013)**

<b>Hex(FFE2EB)</b>		<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.14</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.74</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 5.29</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 14.12</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(FFDDE8)</b>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.64</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 5.15</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 13.74</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(E2FFE8)</b>	<a href="#">Ratio: 1.14</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 4.25</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 6.02</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 16.05</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(807377)</b>	<a href="#">Ratio: 3.74</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 3.64</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.25</a> <a href="#">AA 18pt<sup>2</sup></a>		<a href="#">Ratio: 1.42</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.78</a> <a href="#">AA 18pt<sup>2</sup></a>
<b>Hex(BF0039)</b>	<a href="#">Ratio: 5.29</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 5.15</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 6.02</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.42</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.67</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(400013)</b>	<a href="#">Ratio: 14.12</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 13.74</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 16.05</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 3.78</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.67</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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