

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(FFCFE0) Hex(FFC7DB) Hex(F9FFCF) Hex(807377) Hex(BF0043) Hex(400016)**

<b>Hex(FFCFE0)</b>		<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.29</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.63</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 12.41</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(FFC7DB)</b>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.12</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.38</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 11.75</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(F9FFCF)</b>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 4.36</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 6.14</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 16.45</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(807377)</b>	<a href="#">Ratio: 3.29</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 3.12</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.36</a> <a href="#">AA 18pt<sup>2</sup></a>		<a href="#">Ratio: 1.41</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.77</a> <a href="#">AA 18pt<sup>2</sup></a>
<b>Hex(BF0043)</b>	<a href="#">Ratio: 4.63</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 4.38</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 6.14</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.41</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.68</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(400016)</b>	<a href="#">Ratio: 12.41</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 11.75</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 16.45</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 3.77</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.68</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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