

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(FCC0E4) Hex(FFB5E1) Hex(C0FCF5) Hex(7D7078) Hex(BD0071) Hex(3D0025)**

<b>Hex(FCC0E4)</b>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.06</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 11.26</a> Passed <sup>6</sup>
<b>Hex(FFB5E1)</b>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.81</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.57</a> Passed <sup>6</sup>
<b>Hex(C0FCF5)</b>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.14</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.43</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.09</a> Passed <sup>6</sup>
<b>Hex(7D7078)</b>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.14</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>
<b>Hex(BD0071)</b>	<a href="#">Ratio: 4.06</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.81</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.43</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.78</a> Failed <sup>5</sup>
<b>Hex(3D0025)</b>	<a href="#">Ratio: 11.26</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.57</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.09</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.78</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.

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