

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(FFC5E1) Hex(FFBADB) Hex(C5FEFF) Hex(807379) Hex(BF005C) Hex(40001F)

Hex(FFC5E1)		<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.25</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 11.57</a> Passed <sup>6</sup>
Hex(FFBADB)	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.74</a> Passed <sup>6</sup>
Hex(C5FEFF)	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.64</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.35</a> Passed <sup>6</sup>
Hex(807379)	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.09</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>
Hex(BF005C)	<a href="#">Ratio: 4.25</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.64</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.72</a> Failed <sup>5</sup>
Hex(40001F)	<a href="#">Ratio: 11.57</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.74</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.35</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.72</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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