

# Converting Colors - WCAG Matrix

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

**Hex(7FF7E1) Hex(6BFFE5) Hex(7FD2F7) Hex(6E7A77) Hex(00BA99) Hex(003B2E)**

	Hex(7FF7E1)	Hex(6BFFE5)	Hex(7FD2F7)	Hex(6E7A77)	Hex(00BA99)	Hex(003B2E)
Hex(7FF7E1)		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.79</a> Passed <sup>6</sup>
Hex(6BFFE5)	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.62</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.25</a> Passed <sup>6</sup>
Hex(7FD2F7)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.49</a> Passed <sup>6</sup>
Hex(6E7A77)	<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.62</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.64</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>
Hex(00BA99)	<a href="#">Ratio: 1.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.10</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(003B2E)	<a href="#">Ratio: 9.79</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.25</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.49</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.10</a> AA <sup>1</sup> AAA 18pt <sup>4</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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