

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(72876E) Hex(8FB089) Hex(6E8777) Hex(3D423C) Hex(148200) Hex(000300)**

	Hex(72876E)	Hex(8FB089)	Hex(6E8777)	Hex(3D423C)	Hex(148200)	Hex(000300)
Hex(72876E)		<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.34</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(8FB089)	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.28</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 8.63</a> <a href="#">Passed</a> <sup>6</sup>
Hex(6E8777)	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.64</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.33</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(3D423C)	<a href="#">Ratio: 2.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.28</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.64</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.02</a> <a href="#">Failed</a> <sup>5</sup>
Hex(148200)	<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(000300)	<a href="#">Ratio: 5.34</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 8.63</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 5.33</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 2.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</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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