

# Converting Colors - WCAG Matrix

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

**Hex(9E8193) Hex(CFA1BD) Hex(9E9B81) Hex(4F474C) Hex(8F0057) Hex(0F0009)**

	Hex(9E8193)	Hex(CFA1BD)	Hex(9E9B81)	Hex(4F474C)	Hex(8F0057)	Hex(0F0009)
Hex(9E8193)		<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.87</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(CFA1BD)	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.06</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.11</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.26</a> Passed <sup>6</sup>
Hex(9E9B81)	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.19</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.28</a> Passed <sup>6</sup>
Hex(4F474C)	<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.06</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.19</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>
Hex(8F0057)	<a href="#">Ratio: 2.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.11</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>
Hex(0F0009)	<a href="#">Ratio: 5.87</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 9.26</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.28</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.25</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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