

# Converting Colors - WCAG Matrix

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

**Hex(979784) Hex(C4C4A7) Hex(8E9784) Hex(4D4C45) Hex(8C8B00) Hex(0D0D00)**

<b>Hex(979784)</b>		<a href="#">Ratio: 1.67</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.91</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.22</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.58</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(C4C4A7)</b>	<a href="#">Ratio: 1.67</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.71</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.85</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 2.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 10.98</a> <a href="#">Passed<sup>6</sup></a>
<b>Hex(8E9784)</b>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.71</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.84</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.43</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(4D4C45)</b>	<a href="#">Ratio: 2.91</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.85</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 2.84</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.39</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(8C8B00)</b>	<a href="#">Ratio: 1.22</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.39</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 5.40</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(0D0D00)</b>	<a href="#">Ratio: 6.58</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 10.98</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 6.43</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 5.40</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	

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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