

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A04654) Hex(CF4258) Hex(A06446) Hex(4F4748) Hex(8F0017) Hex(0F0002)**

<b>Hex(A04654)</b>		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>
<b>Hex(CF4258)</b>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.48</a> AA 18pt <sup>2</sup>
<b>Hex(A06446)</b>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.31</a> AA 18pt <sup>2</sup>
<b>Hex(4F4748)</b>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>
<b>Hex(8F0017)</b>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>
<b>Hex(0F0002)</b>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.48</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.31</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.14</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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