

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(9E3A46) Hex(CF3243) Hex(3A9E61) Hex(4F4748) Hex(8F0010) Hex(0F0002)**

<b>Hex(9E3A46)</b>		<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>
<b>Hex(CF3243)</b>	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>
<b>Hex(3A9E61)</b>	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.11</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(4F4748)</b>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.68</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(8F0010)</b>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>
<b>Hex(0F0002)</b>	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.11</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</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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