

# Converting Colors - WCAG Matrix

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

**Hex(97345E) Hex(C4296B) Hex(973B34) Hex(4D4548) Hex(8C003B) Hex(0D0005)**

	Hex(97345E)	Hex(C4296B)	Hex(973B34)	Hex(4D4548)	Hex(8C003B)	Hex(0D0005)
Hex(97345E)		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>
Hex(C4296B)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.80</a> AA 18pt <sup>2</sup>
Hex(973B34)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.93</a> Failed <sup>5</sup>
Hex(4D4548)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.22</a> Failed <sup>5</sup>
Hex(8C003B)	<a href="#">Ratio: 1.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>
Hex(0D0005)	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.80</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.22</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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