

# Converting Colors - WCAG Matrix

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

Hex(AC603B) Hex(8F4824) Hex(73300E) Hex(581900) Hex(3C0200) Hex(240001) Hex(000000)

	Hex(AC603B)	Hex(8F4824)	Hex(73300E)	Hex(581900)	Hex(3C0200)	Hex(240001)	Hex(000000)
Hex(AC603B)		<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.89</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.74</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.18</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.49</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(8F4824)	<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.60</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.90</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.12</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(73300E)	<a href="#">Ratio: 2.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.39</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.80</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.16</a> <a href="#">Failed<sup>5</sup></a>
Hex(581900)	<a href="#">Ratio: 2.89</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.39</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.29</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>
Hex(3C0200)	<a href="#">Ratio: 3.74</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.60</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.80</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.29</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>
Hex(240001)	<a href="#">Ratio: 4.18</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.90</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>
Hex(000000)	<a href="#">Ratio: 4.49</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 3.12</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.16</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</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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