

# Converting Colors - WCAG Matrix

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

**Hex(593530) Hex(733B34) Hex(594930) Hex(2B2827) Hex(6B0D00) Hex(EB1B00)**

	Hex(593530)	Hex(733B34)	Hex(594930)	Hex(2B2827)	Hex(6B0D00)	Hex(EB1B00)
Hex(593530)		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>
Hex(733B34)	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>
Hex(594930)	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>
Hex(2B2827)	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.27</a> AA 18pt <sup>2</sup>
Hex(6B0D00)	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.79</a> Failed <sup>5</sup>
Hex(EB1B00)	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.27</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.79</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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