

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(896C44) Hex(6F542D) Hex(553D17) Hex(3D2700) Hex(241300) Hex(000000)**

	Hex(896C44)	Hex(6F542D)	Hex(553D17)	Hex(3D2700)	Hex(241300)	Hex(000000)
Hex(896C44)		<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.67</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.29</a> AA 18pt <sup>2</sup>
Hex(6F542D)	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.98</a> Failed <sup>5</sup>
Hex(553D17)	<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>
Hex(3D2700)	<a href="#">Ratio: 2.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>
Hex(241300)	<a href="#">Ratio: 3.67</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>
Hex(000000)	<a href="#">Ratio: 4.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</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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