

# Converting Colors - WCAG Matrix

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

**Hex(32222F) Hex(40283B) Hex(322D22) Hex(1A1719) Hex(590049) Hex(D900B0)**

	Hex(32222F)	Hex(40283B)	Hex(322D22)	Hex(1A1719)	Hex(590049)	Hex(D900B0)
Hex(32222F)		Ratio: <a href="#">1.13</a> Failed <sup>5</sup>	Ratio: <a href="#">1.09</a> Failed <sup>5</sup>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">3.26</a> AA 18pt <sup>2</sup>
Hex(40283B)	Ratio: <a href="#">1.13</a> Failed <sup>5</sup>		Ratio: <a href="#">1.03</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">2.89</a> Failed <sup>5</sup>
Hex(322D22)	Ratio: <a href="#">1.09</a> Failed <sup>5</sup>	Ratio: <a href="#">1.03</a> Failed <sup>5</sup>		Ratio: <a href="#">1.30</a> Failed <sup>5</sup>	Ratio: <a href="#">1.01</a> Failed <sup>5</sup>	Ratio: <a href="#">2.98</a> Failed <sup>5</sup>
Hex(1A1719)	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.30</a> Failed <sup>5</sup>		Ratio: <a href="#">1.29</a> Failed <sup>5</sup>	Ratio: <a href="#">3.88</a> AA 18pt <sup>2</sup>
Hex(590049)	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.01</a> Failed <sup>5</sup>	Ratio: <a href="#">1.29</a> Failed <sup>5</sup>		Ratio: <a href="#">3.01</a> AA 18pt <sup>2</sup>
Hex(D900B0)	Ratio: <a href="#">3.26</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.89</a> Failed <sup>5</sup>	Ratio: <a href="#">2.98</a> Failed <sup>5</sup>	Ratio: <a href="#">3.88</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.01</a> AA 18pt <sup>2</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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