

# Converting Colors - WCAG Matrix

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

Hex(2D222A) Hex(3B2836) Hex(222D2A) Hex(171516) Hex(570041) Hex(D600A1)

	Hex(2D222A)	Hex(3B2836)	Hex(222D2A)	Hex(171516)	Hex(570041)	Hex(D600A1)
Hex(2D222A)		Ratio: <a href="#">1.12</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</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="#">3.18</a> AA 18pt <sup>2</sup>
Hex(3B2836)	Ratio: <a href="#">1.12</a> Failed <sup>5</sup>		Ratio: <a href="#">1.04</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="#">2.83</a> Failed <sup>5</sup>
Hex(222D2A)	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>		Ratio: <a href="#">1.28</a> Failed <sup>5</sup>	Ratio: <a href="#">1.00</a> Failed <sup>5</sup>	Ratio: <a href="#">2.96</a> Failed <sup>5</sup>
Hex(171516)	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.28</a> Failed <sup>5</sup>		Ratio: <a href="#">1.28</a> Failed <sup>5</sup>	Ratio: <a href="#">3.79</a> AA 18pt <sup>2</sup>
Hex(570041)	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.00</a> Failed <sup>5</sup>	Ratio: <a href="#">1.28</a> Failed <sup>5</sup>		Ratio: <a href="#">2.95</a> Failed <sup>5</sup>
Hex(D600A1)	Ratio: <a href="#">3.18</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.83</a> Failed <sup>5</sup>	Ratio: <a href="#">2.96</a> Failed <sup>5</sup>	Ratio: <a href="#">3.79</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.95</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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