

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(622A5B) Hex(802874) Hex(2A624D) Hex(302C30) Hex(700062) Hex(F000D2)**

	Hex(622A5B)	Hex(802874)	Hex(2A624D)	Hex(302C30)	Hex(700062)	Hex(F000D2)
Hex(622A5B)		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.82</a> Failed <sup>5</sup>
Hex(802874)	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>
Hex(2A624D)	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>
Hex(302C30)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.69</a> AA 18pt <sup>2</sup>
Hex(700062)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.02</a> AA 18pt <sup>2</sup>
Hex(F000D2)	<a href="#">Ratio: 2.82</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.69</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.02</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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