

# Converting Colors - WCAG Matrix

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

**Hex(540769) Hex(6C008A) Hex(69074D) Hex(343036) Hex(5C0075) Hex(C000F5)**

	Hex(540769)	Hex(6C008A)	Hex(69074D)	Hex(343036)	Hex(5C0075)	Hex(C000F5)
Hex(540769)		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>
Hex(6C008A)	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>
Hex(69074D)	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>
Hex(343036)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>
Hex(5C0075)	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.66</a> Failed <sup>5</sup>
Hex(C000F5)	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.66</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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