

# Converting Colors - WCAG Matrix

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

**Hex(410029) Hex(540035) Hex(413800) Hex(211E20) Hex(61003D) Hex(E0008D)**

	Hex(410029)	Hex(540035)	Hex(413800)	Hex(211E20)	Hex(61003D)	Hex(E0008D)
Hex(410029)		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.62</a> AA 18pt <sup>2</sup>
Hex(540035)	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.19</a> AA 18pt <sup>2</sup>
Hex(413800)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>
Hex(211E20)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</sup>
Hex(61003D)	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.89</a> Failed <sup>5</sup>
Hex(E0008D)	<a href="#">Ratio: 3.62</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.19</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.89</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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