

# Converting Colors - WCAG Matrix

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

**Hex(1C1800) Hex(241F00) Hex(121C00) Hex(0D0D0B) Hex(4C4300) Hex(CCB200)**

	Hex(1C1800)	Hex(241F00)	Hex(121C00)	Hex(0D0D0B)	Hex(4C4300)	Hex(CCB200)
Hex(1C1800)		<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.42</a> Passed <sup>6</sup>
Hex(241F00)	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.82</a> Passed <sup>6</sup>
Hex(121C00)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.34</a> Passed <sup>6</sup>
Hex(0D0D0B)	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.20</a> Passed <sup>6</sup>
Hex(4C4300)	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.71</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(CCB200)	<a href="#">Ratio: 8.42</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.82</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.34</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.20</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.71</a> AA <sup>1</sup> AAA 18pt <sup>4</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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