

# Converting Colors - WCAG Matrix

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

**Hex(292526) Hex(362F31) Hex(252829) Hex(141213) Hex(540013) Hex(D40030)**

	Hex(292526)	Hex(362F31)	Hex(252829)	Hex(141213)	Hex(540013)	Hex(D40030)
Hex(292526)		<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>
Hex(362F31)	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>
Hex(252829)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.72</a> Failed <sup>5</sup>
Hex(141213)	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>
Hex(540013)	<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>
Hex(D40030)	<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.77</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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