

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(283029) Hex(303D33) Hex(28302D) Hex(151715) Hex(005711) Hex(00D62B)**

	Hex(283029)	Hex(303D33)	Hex(28302D)	Hex(151715)	Hex(005711)	Hex(00D62B)
Hex(283029)		<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.90</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(303D33)	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.79</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(28302D)	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.87</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(151715)	<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 9.14</a> <a href="#">Passed</a> <sup>6</sup>
Hex(005711)	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.49</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(00D62B)	<a href="#">Ratio: 6.90</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 5.79</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.87</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 9.14</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 4.49</a> <a href="#">AA 18pt</a> <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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