

# Converting Colors - WCAG Matrix

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

**Hex(292218) Hex(36332F) Hex(29181F) Hex(1C1A18) Hex(9C9C9C) Hex(1C1C1C)**

	Hex(292218)	Hex(36332F)	Hex(29181F)	Hex(1C1A18)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(292218)		<a href="#">Ratio: 1.25</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.07</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 5.72</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>
Hex(36332F)	<a href="#">Ratio: 1.25</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.34</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.38</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.58</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>
Hex(29181F)	<a href="#">Ratio: 1.07</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.34</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.14</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(1C1A18)	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.38</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 6.32</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>
Hex(9C9C9C)	<a href="#">Ratio: 5.72</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 4.58</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 6.14</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 6.32</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 6.21</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
Hex(1C1C1C)	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.21</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	

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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).