

# Converting Colors - WCAG Matrix

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

**Hex(C7C7C7) Hex(FFFFFF) Hex(636363) Hex(34A300) Hex(0B2400)**

<b>Hex(C7C7C7)</b>		<a href="#">Ratio: 1.69</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.55</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 9.81</a> <a href="#">Passed</a> <sup>6</sup>
<b>Hex(FFFFFF)</b>	<a href="#">Ratio: 1.69</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 6.01</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.29</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 16.58</a> <a href="#">Passed</a> <sup>6</sup>
<b>Hex(636363)</b>	<a href="#">Ratio: 3.55</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 6.01</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 1.83</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.76</a> <a href="#">Failed</a> <sup>5</sup>
<b>Hex(34A300)</b>	<a href="#">Ratio: 1.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.29</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.83</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 5.04</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
<b>Hex(0B2400)</b>	<a href="#">Ratio: 9.81</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 16.58</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 2.76</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.04</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <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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