

# Converting Colors - WCAG Matrix

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

Hex(CB966C) Hex(FFAF70) Hex(CBC56C) Hex(66605C) Hex(A64900) Hex(261100)

Hex(CB966C)		<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.98</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(FFAF70)	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.42</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.25</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.99</a> Passed <sup>6</sup>
Hex(CBC56C)	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.10</a> Passed <sup>6</sup>
Hex(66605C)	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.42</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>
Hex(A64900)	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.25</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.07</a> AA 18pt <sup>2</sup>
Hex(261100)	<a href="#">Ratio: 6.98</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 9.99</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.10</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.07</a> AA 18pt <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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