

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(CAC1A0) Hex(FFF1BF) Hex(BECAA0) Hex(66645C) Hex(A68200) Hex(261E00)**

<b>Hex(CAC1A0)</b>		<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.18</a> Passed <sup>6</sup>
<b>Hex(FFF1BF)</b>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.25</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 14.66</a> Passed <sup>6</sup>
<b>Hex(BECAA0)</b>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.58</a> Passed <sup>6</sup>
<b>Hex(66645C)</b>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.25</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.79</a> Failed <sup>5</sup>
<b>Hex(A68200)</b>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.58</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(261E00)</b>	<a href="#">Ratio: 9.18</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.66</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.58</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.58</a> AA <sup>1</sup> AAA 18pt <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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