

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(C2C2AC) Hex(FCFCDC) Hex(B7C2AC) Hex(616157) Hex(A0A100) Hex(212100)**

	Hex(C2C2AC)	Hex(FCFCDC)	Hex(B7C2AC)	Hex(616157)	Hex(A0A100)	Hex(212100)
Hex(C2C2AC)		<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.05</a> Passed <sup>6</sup>
Hex(FCFCDC)	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 15.67</a> Passed <sup>6</sup>
Hex(B7C2AC)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.37</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.83</a> Passed <sup>6</sup>
Hex(616157)	<a href="#">Ratio: 3.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.37</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>
Hex(A0A100)	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.26</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.92</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(212100)	<a href="#">Ratio: 9.05</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.67</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.83</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.92</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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