

# Converting Colors - WCAG Matrix

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

**Hex(C08F92) Hex(FAACB1) Hex(C0A48F) Hex(615758) Hex(A1000A) Hex(210002)**

	Hex(C08F92)	Hex(FAACB1)	Hex(C0A48F)	Hex(615758)	Hex(A1000A)	Hex(210002)
Hex(C08F92)		<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.12</a> Passed <sup>6</sup>
Hex(FAACB1)	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 10.89</a> Passed <sup>6</sup>
Hex(C0A48F)	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.40</a> Passed <sup>6</sup>
Hex(615758)	<a href="#">Ratio: 2.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>
Hex(A1000A)	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.36</a> Failed <sup>5</sup>
Hex(210002)	<a href="#">Ratio: 7.12</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.40</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.36</a> Failed <sup>5</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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