

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(BCA2A4) Hex(F5CBCE) Hex(BCADA2) Hex(5E5556) Hex(9E000C) Hex(1F0002)**

<b>Hex(BCA2A4)</b>		<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.35</a> Passed <sup>6</sup>
<b>Hex(F5CBCE)</b>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.92</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.82</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.52</a> Passed <sup>6</sup>
<b>Hex(BCADA2)</b>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.92</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.10</a> Passed <sup>6</sup>
<b>Hex(5E5556)</b>	<a href="#">Ratio: 3.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.92</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.75</a> Failed <sup>5</sup>
<b>Hex(9E000C)</b>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.82</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.92</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>
<b>Hex(1F0002)</b>	<a href="#">Ratio: 8.35</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.52</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.10</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.32</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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