

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(BAA9AB) Hex(F2D8DA) Hex(BAB0A9) Hex(5C5353) Hex(9C000D) Hex(1C0002)**

<b>Hex(BAA9AB)</b>		<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.32</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.90</a> Passed <sup>6</sup>
<b>Hex(F2D8DA)</b>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 6.45</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 14.86</a> Passed <sup>6</sup>
<b>Hex(BAB0A9)</b>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.40</a> Passed <sup>6</sup>
<b>Hex(5C5353)</b>	<a href="#">Ratio: 3.32</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>
<b>Hex(9C000D)</b>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.45</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>
<b>Hex(1C0002)</b>	<a href="#">Ratio: 8.90</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.86</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.40</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.30</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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