

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(BA4C4A) Hex(F24844) Hex(BA844A) Hex(5C5353) Hex(9C0300) Hex(1C0100)**

<b>Hex(BA4C4A)</b>		<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.00</a> AA 18pt <sup>2</sup>
<b>Hex(F24844)</b>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.49</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(BA844A)</b>	<a href="#">Ratio: 1.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.16</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(5C5353)</b>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.67</a> Failed <sup>5</sup>
<b>Hex(9C0300)</b>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>
<b>Hex(1C0100)</b>	<a href="#">Ratio: 4.00</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.49</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 6.16</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.67</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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