

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(819776) Hex(BCC4B9) Hex(978C76) Hex(5F635C) Hex(E3E3E3) Hex(636363)**

<b>Hex(819776)</b>		<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>
<b>Hex(BCC4B9)</b>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.36</a> AA 18pt <sup>2</sup>
<b>Hex(978C76)</b>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.81</a> Failed <sup>5</sup>
<b>Hex(5F635C)</b>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.78</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>
<b>Hex(E3E3E3)</b>	<a href="#">Ratio: 2.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.78</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(636363)</b>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.36</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.68</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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