

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(85851A) Hex(ADAD84) Hex(851A1C) Hex(57573E) Hex(D6D6D6) Hex(575757)**

<b>Hex(85851A)</b>		<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.69</a> Failed <sup>5</sup>
<b>Hex(ADAD84)</b>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>
<b>Hex(851A1C)</b>	<a href="#">Ratio: 2.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.20</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(57573E)</b>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.09</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(D6D6D6)</b>	<a href="#">Ratio: 2.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.09</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	
<b>Hex(575757)</b>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.97</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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