

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(436522) Hex(758268) Hex(654422) Hex(3A4232) Hex(C2C2C2) Hex(424242)**

<b>Hex(436522)</b>		<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.77</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>
<b>Hex(758268)</b>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.46</a> Failed <sup>5</sup>
<b>Hex(654422)</b>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.91</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>
<b>Hex(3A4232)</b>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>
<b>Hex(C2C2C2)</b>	<a href="#">Ratio: 3.77</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.91</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 5.64</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(424242)</b>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.64</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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).