

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(67B550) Hex(CCEBC3) Hex(B59D50) Hex(63755E) Hex(F5F5F5) Hex(757575)**

	Hex(67B550)	Hex(CCEBC3)	Hex(B59D50)	Hex(63755E)	Hex(F5F5F5)	Hex(757575)
Hex(67B550)		<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.82</a> Failed <sup>5</sup>
Hex(CCEBC3)	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>
Hex(B59D50)	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>
Hex(63755E)	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.55</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>
Hex(F5F5F5)	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.55</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.23</a> AA 18pt <sup>2</sup>
Hex(757575)	<a href="#">Ratio: 1.82</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.23</a> AA 18pt <sup>2</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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