

# Converting Colors - WCAG Matrix

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

Hex(B2963F) Hex(E8DDBC) Hex(B23F5C) Hex(756F5A) Hex(F5F5F5) Hex(757575)

	Hex(B2963F)	Hex(E8DDBC)	Hex(B23F5C)	Hex(756F5A)	Hex(F5F5F5)	Hex(757575)
Hex(B2963F)		<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>
Hex(E8DDBC)	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.12</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.71</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.40</a> AA 18pt <sup>2</sup>
Hex(B23F5C)	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.12</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.12</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>
Hex(756F5A)	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.71</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.61</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>
Hex(F5F5F5)	<a href="#">Ratio: 2.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.12</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.61</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: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.40</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</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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