

# Converting Colors - WCAG Matrix

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

**Hex(A57962) Hex(D6C5BC) Hex(A5628F) Hex(6B615C) Hex(EBEBEB) Hex(6B6B6B)**

	Hex(A57962)	Hex(D6C5BC)	Hex(A5628F)	Hex(6B615C)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A57962)		<a href="#">Ratio: 2.28</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.16</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.20</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>
Hex(D6C5BC)	<a href="#">Ratio: 2.28</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.65</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.60</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.19</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(A5628F)	<a href="#">Ratio: 1.16</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.65</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.71</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>
Hex(6B615C)	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.60</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 5.05</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.13</a> <a href="#">Failed<sup>5</sup></a>
Hex(EBEBEB)	<a href="#">Ratio: 3.20</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.71</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 5.05</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 4.47</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(6B6B6B)	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.19</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.13</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.47</a> <a href="#">AA 18pt<sup>2</sup></a>	

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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