

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A79D6F) Hex(D9D5C3) Hex(A76F7A) Hex(6E6B60) Hex(EDEDED) Hex(6E6E6E)**

	Hex(A79D6F)	Hex(D9D5C3)	Hex(A76F7A)	Hex(6E6B60)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A79D6F)		<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.48</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.96</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.87</a> <a href="#">Failed<sup>5</sup></a>
Hex(D9D5C3)	<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.74</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.62</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.46</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(A76F7A)	<a href="#">Ratio: 1.48</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.74</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.32</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.45</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>
Hex(6E6B60)	<a href="#">Ratio: 1.96</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.62</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.32</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 4.56</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>
Hex(EDEDED)	<a href="#">Ratio: 2.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.45</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.56</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 4.36</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(6E6E6E)	<a href="#">Ratio: 1.87</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.46</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.36</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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