

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(7C9F76) Hex(C0CFBE) Hex(9F9976) Hex(60695E) Hex(E8E8E8) Hex(696969)**

	Hex(7C9F76)	Hex(C0CFBE)	Hex(9F9976)	Hex(60695E)	Hex(E8E8E8)	Hex(696969)
Hex(7C9F76)		<a href="#">Ratio: 1.82</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.42</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>
Hex(C0CFBE)	<a href="#">Ratio: 1.82</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.77</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.51</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.37</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(9F9976)	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.77</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.98</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.91</a> <a href="#">Failed<sup>5</sup></a>
Hex(60695E)	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.51</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.98</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 4.66</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>
Hex(E8E8E8)	<a href="#">Ratio: 2.42</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.66</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 4.48</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(696969)	<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.37</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.91</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.48</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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