

# Converting Colors - WCAG Matrix

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

**Hex(82816D) Hex(FFFFFF) Hex(B7B6A1) Hex(D3D1BC) Hex(EFEED8) Hex(FFFFF4)**

	Hex(82816D)	Hex(FFFFFF)	Hex(B7B6A1)	Hex(D3D1BC)	Hex(EFEED8)	Hex(FFFFF4)
Hex(82816D)		<a href="#">Ratio: 3.95</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.56</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: 3.93</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 3.95</a> <a href="#">AA 18pt<sup>2</sup></a>		<a href="#">Ratio: 2.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.54</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(B7B6A1)	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.05</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.75</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.04</a> <a href="#">Failed<sup>5</sup></a>
Hex(D3D1BC)	<a href="#">Ratio: 2.56</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.54</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.33</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.31</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.53</a> <a href="#">Failed<sup>5</sup></a>
Hex(EFEED8)	<a href="#">Ratio: 3.37</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.75</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.31</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFF4)	<a href="#">Ratio: 3.93</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.53</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</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

Failed 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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