

# Converting Colors - WCAG Matrix

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

**Hex(D7DBC0) Hex(FDFFF5) Hex(DBC4C0) Hex(7F8079) Hex(FFFFFF) Hex(808080)**

	Hex(D7DBC0)	Hex(FDFFF5)	Hex(DBC4C0)	Hex(7F8079)	Hex(FFFFFF)	Hex(808080)
Hex(D7DBC0)		<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.78</a> Failed <sup>5</sup>
Hex(FDFFF5)	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>
Hex(DBC4C0)	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>
Hex(7F8079)	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>
Hex(FFFFFF)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>
Hex(808080)	<a href="#">Ratio: 2.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</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

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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