

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(BEAC7C) Hex(F7F1DF) Hex(BE7C8F) Hex(7D796E) Hex(FCFCFC) Hex(7D7D7D)**

	Hex(BEAC7C)	Hex(F7F1DF)	Hex(BE7C8F)	Hex(7D796E)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(BEAC7C)		<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>
Hex(F7F1DF)	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>
Hex(BE7C8F)	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.88</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.16</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>
Hex(7D796E)	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>
Hex(FCFCFC)	<a href="#">Ratio: 2.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.16</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.24</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 4.01</a> AA 18pt <sup>2</sup>
Hex(7D7D7D)	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.01</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

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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