

# Converting Colors - WCAG Matrix

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

**Hex(B57783) Hex(FFFFFF) Hex(EEACB8) Hex(FFC8D3) Hex(FFE4F0)**

	Hex(B57783)	Hex(FFFFFF)	Hex(EEACB8)	Hex(FFC8D3)	Hex(FFE4F0)
Hex(B57783)		<a href="#">Ratio: 3.54</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>
Hex(FFFFFF)	<a href="#">Ratio: 3.54</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>
Hex(EEACB8)	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>
Hex(FFC8D3)	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>
Hex(FFE4F0)	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</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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