

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D79B8E) Hex(FFAA99) Hex(D7BF8E) Hex(6B6260) Hex(AB1D00) Hex(2B0700)**

	Hex(D79B8E)	Hex(FFAA99)	Hex(D7BF8E)	Hex(6B6260)	Hex(AB1D00)	Hex(2B0700)
Hex(D79B8E)		<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.91</a> Passed <sup>6</sup>
Hex(FFAA99)	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.11</a> Passed <sup>6</sup>
Hex(D7BF8E)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.35</a> Passed <sup>6</sup>
Hex(6B6260)	<a href="#">Ratio: 2.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>
Hex(AB1D00)	<a href="#">Ratio: 3.08</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>
Hex(2B0700)	<a href="#">Ratio: 7.91</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.11</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.35</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.57</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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