

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(FAD3F2) Hex(FFCFF5) Hex(DFFAD3) Hex(7D707A) Hex(BD0096) Hex(3D0031)**

	Hex(FAD3F2)	Hex(FFCFF5)	Hex(DFFAD3)	Hex(7D707A)	Hex(BD0096)	Hex(3D0031)
Hex(FAD3F2)		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.35</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 12.60</a> Passed <sup>6</sup>
Hex(FFCFF5)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 12.47</a> Passed <sup>6</sup>
Hex(DFFAD3)	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.19</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.20</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.09</a> Passed <sup>6</sup>
Hex(7D707A)	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.19</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>
Hex(BD0096)	<a href="#">Ratio: 4.35</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.20</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.90</a> Failed <sup>5</sup>
Hex(3D0031)	<a href="#">Ratio: 12.60</a> Passed <sup>6</sup>	<a href="#">Ratio: 12.47</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.09</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.90</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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