

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(C58296) Hex(FF96B6) Hex(82C58F) Hex(635A5C) Hex(A30031) Hex(24000B)**

	Hex(C58296)	Hex(FF96B6)	Hex(82C58F)	Hex(635A5C)	Hex(A30031)	Hex(24000B)
Hex(C58296)		<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.23</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.69</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.49</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(FF96B6)	<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.27</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 3.96</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 9.53</a> <a href="#">Passed</a> <sup>6</sup>
Hex(82C58F)	<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 3.28</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 3.97</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 9.57</a> <a href="#">Passed</a> <sup>6</sup>
Hex(635A5C)	<a href="#">Ratio: 2.23</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.27</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 3.28</a> <a href="#">AA 18pt</a> <sup>2</sup>		<a href="#">Ratio: 1.21</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.91</a> <a href="#">Failed</a> <sup>5</sup>
Hex(A30031)	<a href="#">Ratio: 2.69</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.96</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 3.97</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.21</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.41</a> <a href="#">Failed</a> <sup>5</sup>
Hex(24000B)	<a href="#">Ratio: 6.49</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 9.53</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 9.57</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 2.91</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.41</a> <a href="#">Failed</a> <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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