

# Converting Colors - WCAG Matrix

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

**Hex(8399A2) Hex(FFFFFF) Hex(B8CFD9) Hex(D4ECF5) Hex(F1FFFF)**

	Hex(8399A2)	Hex(FFFFFF)	Hex(B8CFD9)	Hex(D4ECF5)	Hex(F1FFFF)
Hex(8399A2)		<a href="#">Ratio: 2.98</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.84</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.43</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.91</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 2.98</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.62</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>
Hex(B8CFD9)	<a href="#">Ratio: 1.84</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.62</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.32</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>
Hex(D4ECF5)	<a href="#">Ratio: 2.43</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.32</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>
Hex(F1FFFF)	<a href="#">Ratio: 2.91</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	

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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).