

# Converting Colors - WCAG Matrix

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

**Hex(8795FF) Hex(A1ACFF) Hex(BAC2FF) Hex(D4D9FF) Hex(EDEFFF) Hex(FFFFFF)**

	Hex(8795FF)	Hex(A1ACFF)	Hex(BAC2FF)	Hex(D4D9FF)	Hex(EDEFFF)	Hex(FFFFFF)
Hex(8795FF)		<a href="#">Ratio: 1.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.37</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.70</a> <a href="#">Failed<sup>5</sup></a>
Hex(A1ACFF)	<a href="#">Ratio: 1.27</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.54</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.87</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.13</a> <a href="#">Failed<sup>5</sup></a>
Hex(BAC2FF)	<a href="#">Ratio: 1.58</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.71</a> <a href="#">Failed<sup>5</sup></a>
Hex(D4D9FF)	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.54</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.38</a> <a href="#">Failed<sup>5</sup></a>
Hex(EDEFFF)	<a href="#">Ratio: 2.37</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.87</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.14</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 2.70</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.13</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.71</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.38</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.14</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.

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