

# Converting Colors - WCAG Matrix

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

**Hex(67B9EC) Hex(FFFFFF) Hex(A2F1FF) Hex(C0FFFF) Hex(DEFFFF) Hex(FCFFFF)**

	Hex(67B9EC)	Hex(FFFFFF)	Hex(A2F1FF)	Hex(C0FFFF)	Hex(DEFFFF)	Hex(FCFFFF)
Hex(67B9EC)		<a href="#">Ratio: 2.16</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.70</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.15</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 2.16</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.11</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(A2F1FF)	<a href="#">Ratio: 1.70</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.27</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.15</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>
Hex(C0FFFF)	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.11</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.15</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>
Hex(DEFFFF)	<a href="#">Ratio: 2.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>
Hex(FCFFFF)	<a href="#">Ratio: 2.15</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</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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