

# Converting Colors - WCAG Matrix

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

Hex(0CACFF) Hex(FFFFFF) Hex(72E3FF) Hex(94FFFF) Hex(B5FFFF) Hex(D5FFFF) Hex(F5FFFF)

	Hex(0CACFF)	Hex(FFFFFF)	Hex(72E3FF)	Hex(94FFFF)	Hex(B5FFFF)	Hex(D5FFFF)	Hex(F5FFFF)
Hex(0CACFF)		Ratio: <a href="#">2.51</a> Failed <sup>5</sup>	Ratio: <a href="#">1.69</a> Failed <sup>5</sup>	Ratio: <a href="#">2.15</a> Failed <sup>5</sup>	Ratio: <a href="#">2.24</a> Failed <sup>5</sup>	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">2.47</a> Failed <sup>5</sup>
Hex(FFFFFF)	Ratio: <a href="#">2.51</a> Failed <sup>5</sup>		Ratio: <a href="#">1.48</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.12</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>
Hex(72E3FF)	Ratio: <a href="#">1.69</a> Failed <sup>5</sup>	Ratio: <a href="#">1.48</a> Failed <sup>5</sup>		Ratio: <a href="#">1.27</a> Failed <sup>5</sup>	Ratio: <a href="#">1.32</a> Failed <sup>5</sup>	Ratio: <a href="#">1.38</a> Failed <sup>5</sup>	Ratio: <a href="#">1.46</a> Failed <sup>5</sup>
Hex(94FFFF)	Ratio: <a href="#">2.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.27</a> Failed <sup>5</sup>		Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.09</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>
Hex(B5FFFF)	Ratio: <a href="#">2.24</a> Failed <sup>5</sup>	Ratio: <a href="#">1.12</a> Failed <sup>5</sup>	Ratio: <a href="#">1.32</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>		Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.10</a> Failed <sup>5</sup>
Hex(D5FFFF)	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.38</a> Failed <sup>5</sup>	Ratio: <a href="#">1.09</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>		Ratio: <a href="#">1.05</a> Failed <sup>5</sup>
Hex(F5FFFF)	Ratio: <a href="#">2.47</a> Failed <sup>5</sup>	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>	Ratio: <a href="#">1.46</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.10</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</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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