

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A0FFFF) Hex(8CFFFF) Hex(A0CFFF) Hex(738080) Hex(00BFBF) Hex(004040)**

	Hex(A0FFFF)	Hex(8CFFFF)	Hex(A0CFFF)	Hex(738080)	Hex(00BFBF)	Hex(004040)
Hex(A0FFFF)		<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.09</a> Passed <sup>6</sup>
Hex(8CFFFF)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.48</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.88</a> Passed <sup>6</sup>
Hex(A0CFFF)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.12</a> Passed <sup>6</sup>
Hex(738080)	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.48</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.84</a> Failed <sup>5</sup>
Hex(00BFBF)	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.09</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(004040)	<a href="#">Ratio: 10.09</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.88</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.12</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.09</a> AA <sup>1</sup> AAA 18pt <sup>4</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.

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