

# Converting Colors - WCAG Matrix

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

	Hex(00BBB5)	Hex(00B4FF)	Hex(FF4783)	Hex(F07C00)
Hex(00BBB5)		<a href="#">Ratio: 1.02</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.35</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.16</a> <u>Failed</u> <sup>5</sup>
Hex(00B4FF)	<a href="#">Ratio: 1.02</a> <u>Failed</u> <sup>5</sup>		<a href="#">Ratio: 1.38</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.18</a> <u>Failed</u> <sup>5</sup>
Hex(FF4783)	<a href="#">Ratio: 1.35</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.38</a> <u>Failed</u> <sup>5</sup>		<a href="#">Ratio: 1.17</a> <u>Failed</u> <sup>5</sup>
Hex(F07C00)	<a href="#">Ratio: 1.16</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.18</a> <u>Failed</u> <sup>5</sup>	<a href="#">Ratio: 1.17</a> <u>Failed</u> <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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