

# Converting Colors - WCAG Matrix

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

	Hex(FFFFFF)	Hex(00FFFF)	Hex(FFA4E9)	Hex(FFD55E)
Hex(FFFFFF)		<a href="#">Ratio: 1.25</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.79</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.41</a> <a href="#">Failed</a> <sup>5</sup>
Hex(00FFFF)	<a href="#">Ratio: 1.25</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.12</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFA4E9)	<a href="#">Ratio: 1.79</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFD55E)	<a href="#">Ratio: 1.41</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <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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