

# Converting Colors - WCAG Matrix

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

**Hex(051A20) Hex(002029) Hex(050C20) Hex(0E0F0F) Hex(003E4F) Hex(00A1CF)**

	Hex(051A20)	Hex(002029)	Hex(050C20)	Hex(0E0F0F)	Hex(003E4F)	Hex(00A1CF)
Hex(051A20)		<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.96</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(002029)	<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.15</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.45</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.65</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(050C20)	<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.15</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.67</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(0E0F0F)	<a href="#">Ratio: 1.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.40</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(003E4F)	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.45</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.67</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.65</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 3.88</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(00A1CF)	<a href="#">Ratio: 5.96</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 5.65</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.40</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.88</a> <a href="#">AA 18pt</a> <sup>2</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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