

# Converting Colors - WCAG Matrix

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

**Hex(102073) Hex(001896) Hex(311073) Hex(35363B) Hex(00147A) Hex(0027FA)**

	Hex(102073)	Hex(001896)	Hex(311073)	Hex(35363B)	Hex(00147A)	Hex(0027FA)
Hex(102073)		Ratio: <a href="#">1.06</a> Failed <sup>5</sup>	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>	Ratio: <a href="#">1.18</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.81</a> Failed <sup>5</sup>
Hex(001896)	Ratio: <a href="#">1.06</a> Failed <sup>5</sup>		Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.14</a> Failed <sup>5</sup>	Ratio: <a href="#">1.70</a> Failed <sup>5</sup>
Hex(311073)	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>		Ratio: <a href="#">1.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.84</a> Failed <sup>5</sup>
Hex(35363B)	Ratio: <a href="#">1.18</a> Failed <sup>5</sup>	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.20</a> Failed <sup>5</sup>		Ratio: <a href="#">1.26</a> Failed <sup>5</sup>	Ratio: <a href="#">1.53</a> Failed <sup>5</sup>
Hex(00147A)	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.14</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.26</a> Failed <sup>5</sup>		Ratio: <a href="#">1.93</a> Failed <sup>5</sup>
Hex(0027FA)	Ratio: <a href="#">1.81</a> Failed <sup>5</sup>	Ratio: <a href="#">1.70</a> Failed <sup>5</sup>	Ratio: <a href="#">1.84</a> Failed <sup>5</sup>	Ratio: <a href="#">1.53</a> Failed <sup>5</sup>	Ratio: <a href="#">1.93</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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