

# Converting Colors - WCAG Matrix

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

**Hex(755146) Hex(5B3A30) Hex(43241B) Hex(2C0F00) Hex(1B0001)**

	Hex(755146)	Hex(5B3A30)	Hex(43241B)	Hex(2C0F00)	Hex(1B0001)
Hex(755146)		Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">2.01</a> Failed <sup>5</sup>	Ratio: <a href="#">2.57</a> Failed <sup>5</sup>	Ratio: <a href="#">2.89</a> Failed <sup>5</sup>
Hex(5B3A30)	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>		Ratio: <a href="#">1.39</a> Failed <sup>5</sup>	Ratio: <a href="#">1.78</a> Failed <sup>5</sup>	Ratio: <a href="#">2.00</a> Failed <sup>5</sup>
Hex(43241B)	Ratio: <a href="#">2.01</a> Failed <sup>5</sup>	Ratio: <a href="#">1.39</a> Failed <sup>5</sup>		Ratio: <a href="#">1.28</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>
Hex(2C0F00)	Ratio: <a href="#">2.57</a> Failed <sup>5</sup>	Ratio: <a href="#">1.78</a> Failed <sup>5</sup>	Ratio: <a href="#">1.28</a> Failed <sup>5</sup>		Ratio: <a href="#">1.12</a> Failed <sup>5</sup>
Hex(1B0001)	Ratio: <a href="#">2.89</a> Failed <sup>5</sup>	Ratio: <a href="#">2.00</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">1.12</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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