

# Converting Colors - WCAG Matrix

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

**Hex(276436) Hex(084C20) Hex(00340A) Hex(002100) Hex(000000)**

	Hex(276436)	Hex(084C20)	Hex(00340A)	Hex(002100)	Hex(000000)
Hex(276436)		Ratio: <a href="#">1.43</a> Failed <sup>5</sup>	Ratio: <a href="#">1.98</a> Failed <sup>5</sup>	Ratio: <a href="#">2.43</a> Failed <sup>5</sup>	Ratio: <a href="#">2.96</a> Failed <sup>5</sup>
Hex(084C20)	Ratio: <a href="#">1.43</a> Failed <sup>5</sup>		Ratio: <a href="#">1.38</a> Failed <sup>5</sup>	Ratio: <a href="#">1.70</a> Failed <sup>5</sup>	Ratio: <a href="#">2.06</a> Failed <sup>5</sup>
Hex(00340A)	Ratio: <a href="#">1.98</a> Failed <sup>5</sup>	Ratio: <a href="#">1.38</a> Failed <sup>5</sup>		Ratio: <a href="#">1.23</a> Failed <sup>5</sup>	Ratio: <a href="#">1.50</a> Failed <sup>5</sup>
Hex(002100)	Ratio: <a href="#">2.43</a> Failed <sup>5</sup>	Ratio: <a href="#">1.70</a> Failed <sup>5</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>		Ratio: <a href="#">1.22</a> Failed <sup>5</sup>
Hex(000000)	Ratio: <a href="#">2.96</a> Failed <sup>5</sup>	Ratio: <a href="#">2.06</a> Failed <sup>5</sup>	Ratio: <a href="#">1.50</a> Failed <sup>5</sup>	Ratio: <a href="#">1.22</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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