

# Converting Colors - WCAG Matrix

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

**Hex(007C92) Hex(006078) Hex(004660) Hex(002B48) Hex(000432)**

	Hex(007C92)	Hex(006078)	Hex(004660)	Hex(002B48)	Hex(000432)
Hex(007C92)		Ratio: 1.46 Failed <sup>5</sup>	Ratio: 2.10 Failed <sup>5</sup>	Ratio: 2.99 Failed <sup>5</sup>	Ratio: 4.04 AA 18pt <sup>2</sup>
Hex(006078)	Ratio: 1.46 Failed <sup>5</sup>		Ratio: 1.44 Failed <sup>5</sup>	Ratio: 2.05 Failed <sup>5</sup>	Ratio: 2.77 Failed <sup>5</sup>
Hex(004660)	Ratio: 2.10 Failed <sup>5</sup>	Ratio: 1.44 Failed <sup>5</sup>		Ratio: 1.42 Failed <sup>5</sup>	Ratio: 1.92 Failed <sup>5</sup>
Hex(002B48)	Ratio: 2.99 Failed <sup>5</sup>	Ratio: 2.05 Failed <sup>5</sup>	Ratio: 1.42 Failed <sup>5</sup>		Ratio: 1.35 Failed <sup>5</sup>
Hex(000432)	Ratio: 4.04 AA 18pt <sup>2</sup>	Ratio: 2.77 Failed <sup>5</sup>	Ratio: 1.92 Failed <sup>5</sup>	Ratio: 1.35 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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