

Converting Colors - WCAG Matrix

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

	Hex(0080BE)	Hex(0067A3)	Hex(005088)	Hex(00396E)	Hex(002456)	Hex(00093E)	Hex(000000)
Hex(0080BE)		Ratio: 1.39 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(0067A3)	Ratio: 1.39 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.47 AA 18pt ²
Hex(005088)	Ratio: 1.93 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(00396E)	Ratio: 2.67 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(002456)	Ratio: 3.48 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(00093E)	Ratio: 4.36 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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