

Converting Colors - WCAG Matrix

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

Hex(197080) Hex(058DA6) Hex(193D80) Hex(393F40) Hex(006C80) Hex(000000)

	Hex(197080)	Hex(058DA6)	Hex(193D80)	Hex(393F40)	Hex(006C80)	Hex(000000)
Hex(197080)		Ratio: 1.46 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(058DA6)	Ratio: 1.46 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(193D80)	Ratio: 1.82 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(393F40)	Ratio: 1.87 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(006C80)	Ratio: 1.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 3.46 AA 18pt ²
Hex(000000)	Ratio: 3.67 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.46 AA 18pt ²	

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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