

Converting Colors - WCAG Matrix

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

Hex(056885) Hex(0086AD) Hex(052985) Hex(3C4142) Hex(006582) Hex(000203)

Hex(056885)		Ratio: 1.51 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(0086AD)	Ratio: 1.51 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(052985)	Ratio: 2.00 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(3C4142)	Ratio: 1.64 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.57 Failed ⁵
Hex(006582)	Ratio: 1.04 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.57 Failed ⁵	
Hex(000203)	Ratio: 3.29 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.15 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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