

Converting Colors - WCAG Matrix

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

Hex(006686) Hex(0085AD) Hex(002486) Hex(3C4142) Hex(006382) Hex(000203)

	Hex(006686)	Hex(0085AD)	Hex(002486)	Hex(3C4142)	Hex(006382)	Hex(000203)
Hex(006686)		Ratio: 1.53 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(0085AD)	Ratio: 1.53 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(002486)	Ratio: 2.03 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(3C4142)	Ratio: 1.60 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(006382)	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(000203)	Ratio: 3.21 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.08 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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