

Converting Colors - WCAG Matrix

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

Hex(1E5382) Hex(0D60A8) Hex(1E2182) Hex(393D40) Hex(004480) Hex(000000)

	Hex(1E5382)	Hex(0D60A8)	Hex(1E2182)	Hex(393D40)	Hex(004480)	Hex(000000)
Hex(1E5382)		Ratio: 1.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(0D60A8)	Ratio: 1.25 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(1E2182)	Ratio: 1.64 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(393D40)	Ratio: 1.37 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(004480)	Ratio: 1.22 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(000000)	Ratio: 2.61 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.14 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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