

Converting Colors - WCAG Matrix

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

Hex(4E8494) Hex(52A6BF) Hex(4E6294) Hex(43484A) Hex(006A8A) Hex(00080A)

	Hex(4E8494)	Hex(52A6BF)	Hex(4E6294)	Hex(43484A)	Hex(006A8A)	Hex(00080A)
Hex(4E8494)		Ratio: 1.50 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(52A6BF)	Ratio: 1.50 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 7.28 Passed ⁶
Hex(4E6294)	Ratio: 1.44 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(43484A)	Ratio: 2.23 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.55 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(006A8A)	Ratio: 1.47 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 3.30 AA 18pt ²
Hex(00080A)	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 7.28 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 3.30 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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