

Converting Colors - WCAG Matrix

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

Hex(004779) Hex(6F8B9E) Hex(007930) Hex(33434F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(004779)	Hex(6F8B9E)	Hex(007930)	Hex(33434F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(004779)		Ratio: 2.69 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(6F8B9E)	Ratio: 2.69 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(007930)	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(33434F)	Ratio: 1.06 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(CFCFCF)	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 2.30 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 6.55 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.18 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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