

Converting Colors - WCAG Matrix

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

Hex(5F7290) Hex(6E8CBA) Hex(645F90) Hex(404347) Hex(003587) Hex(000308)

Hex(5F7290)		Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(6E8CBA)	Ratio: 1.43 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴
Hex(645F90)	Ratio: 1.20 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(404347)	Ratio: 2.03 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(003587)	Ratio: 2.31 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.83 Failed ⁵
Hex(000308)	Ratio: 4.23 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.83 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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