

Converting Colors - WCAG Matrix

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

Hex(5F77A0) Hex(6B90D1) Hex(675FA0) Hex(474A4F) Hex(00358F) Hex(00060F)

	Hex(5F77A0)	Hex(6B90D1)	Hex(675FA0)	Hex(474A4F)	Hex(00358F)	Hex(00060F)
Hex(5F77A0)		Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(6B90D1)	Ratio: 1.41 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 6.33 AA ¹ AAA 18pt ⁴
Hex(675FA0)	Ratio: 1.25 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(474A4F)	Ratio: 1.96 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(00358F)	Ratio: 2.43 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.84 Failed ⁵
Hex(00060F)	Ratio: 4.48 AA 18pt ²	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.84 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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