

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(66627F) Hex(7F79A6) Hex(74627F) Hex(3A3940) Hex(120080) Hex(000000)

	Hex(66627F)	Hex(7F79A6)	Hex(74627F)	Hex(3A3940)	Hex(120080)	Hex(000000)
Hex(66627F)		Ratio: 1.43 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(7F79A6)	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(74627F)	Ratio: 1.05 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(3A3940)	Ratio: 1.97 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(120080)	Ratio: 2.71 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 3.62 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.34 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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