

Converting Colors - WCAG Matrix

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

Hex(758895) Hex(8FB0C2) Hex(757A95) Hex(43484A) Hex(00568A) Hex(00070A)

	Hex(758895)	Hex(8FB0C2)	Hex(757A95)	Hex(43484A)	Hex(00568A)	Hex(00070A)
Hex(758895)		Ratio: 1.60 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(8FB0C2)	Ratio: 1.60 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 8.85 Passed ⁶
Hex(757A95)	Ratio: 1.15 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(43484A)	Ratio: 2.52 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(00568A)	Ratio: 2.12 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(00070A)	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 8.85 Passed ⁶	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.19 Failed ⁵	Ratio: 2.61 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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