

Converting Colors - WCAG Matrix

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

Hex(838F96) Hex(A5B8C4) Hex(838596) Hex(454A4D) Hex(00568C) Hex(00080D)

	Hex(838F96)	Hex(A5B8C4)	Hex(838596)	Hex(454A4D)	Hex(00568C)	Hex(00080D)
Hex(838F96)		Ratio: 1.62 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(A5B8C4)	Ratio: 1.62 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 9.85 Passed ⁶
Hex(838596)	Ratio: 1.10 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(454A4D)	Ratio: 2.71 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(00568C)	Ratio: 2.34 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(00080D)	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 9.85 Passed ⁶	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 2.25 Failed ⁵	Ratio: 2.60 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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