

Converting Colors - WCAG Matrix

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

Hex(607388) Hex(FFFFFF) Hex(93A7BD) Hex(AEC2D9) Hex(CADEF6) Hex(E6FAFF)

Hex(607388)		Ratio: 4.88 AA¹ AAA 18pt⁴	Ratio: 1.98 Failed⁵	Ratio: 2.68 Failed⁵	Ratio: 3.55 AA 18pt²	Ratio: 4.53 AA¹ AAA 18pt⁴
Hex(FFFFFF)	Ratio: 4.88 AA¹ AAA 18pt⁴		Ratio: 2.47 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.08 Failed⁵
Hex(93A7BD)	Ratio: 1.98 Failed⁵	Ratio: 2.47 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 2.29 Failed⁵
Hex(AEC2D9)	Ratio: 2.68 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.33 Failed⁵	Ratio: 1.69 Failed⁵
Hex(CADEF6)	Ratio: 3.55 AA 18pt²	Ratio: 1.37 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.33 Failed⁵		Ratio: 1.27 Failed⁵
Hex(E6FAFF)	Ratio: 4.53 AA¹ AAA 18pt⁴	Ratio: 1.08 Failed⁵	Ratio: 2.29 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 1.27 Failed⁵	

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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