

Converting Colors - WCAG Matrix

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

Hex(71778D) Hex(FFFFFF) Hex(A5ABC3) Hex(C0C6DF) Hex(DCE2FB) Hex(F9FFFF)

	Hex(71778D)	Hex(FFFFFF)	Hex(A5ABC3)	Hex(C0C6DF)	Hex(DCE2FB)	Hex(F9FFFF)
Hex(71778D)		Ratio: 4.44 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.44 AA 18pt ²		Ratio: 2.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A5ABC3)	Ratio: 1.95 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(C0C6DF)	Ratio: 2.62 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(DCE2FB)	Ratio: 3.45 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(F9FFFF)	Ratio: 4.40 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 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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