

Converting Colors - WCAG Matrix

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

Hex(576C80) Hex(FFFFFF) Hex(8A9FB5) Hex(A5BAD0) Hex(C0D6ED) Hex(DCF2FF) Hex(F9FFFF)

	Hex(576C80)	Hex(FFFFFF)	Hex(8A9FB5)	Hex(A5BAD0)	Hex(C0D6ED)	Hex(DCF2FF)	Hex(F9FFFF)
Hex(576C80)		Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.44 AA ¹ AAA 18pt ⁴		Ratio: 2.72 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8A9FB5)	Ratio: 2.00 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(A5BAD0)	Ratio: 2.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(C0D6ED)	Ratio: 3.65 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(DCF2FF)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(F9FFFF)	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.14 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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