

Converting Colors - WCAG Matrix

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

Hex(7A83AB) Hex(FFFFFF) Hex(AFB8E2) Hex(CBD3FF) Hex(E7F0FF)

	Hex(7A83AB)	Hex(FFFFFF)	Hex(AFB8E2)	Hex(CBD3FF)	Hex(E7F0FF)
Hex(7A83AB)		Ratio: 3.71 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.71 AA 18pt ²		Ratio: 1.95 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(AFB8E2)	Ratio: 1.90 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(CBD3FF)	Ratio: 2.53 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(E7F0FF)	Ratio: 3.23 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 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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