

Converting Colors - WCAG Matrix

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

Hex(7E82B4) Hex(FFFFFF) Hex(B4B7EC) Hex(D0D2FF) Hex(ECEFFF)

	Hex(7E82B4)	Hex(FFFFFF)	Hex(B4B7EC)	Hex(D0D2FF)	Hex(ECEFFF)
Hex(7E82B4)		Ratio: 3.66 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.66 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B4B7EC)	Ratio: 1.90 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(D0D2FF)	Ratio: 2.50 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(ECEFFF)	Ratio: 3.20 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.68 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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