

Converting Colors - WCAG Matrix

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

Hex(8A85D0) Hex(FFFFFF) Hex(C1BAFF) Hex(DED6FF) Hex(FBF2FF)

	Hex(8A85D0)	Hex(FFFFFF)	Hex(C1BAFF)	Hex(DED6FF)	Hex(FBF2FF)
Hex(8A85D0)		Ratio: 3.31 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.31 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C1BAFF)	Ratio: 1.85 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(DED6FF)	Ratio: 2.39 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FBF2FF)	Ratio: 3.03 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.64 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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