

Converting Colors - WCAG Matrix

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

Hex(8D79B5) Hex(FFFFFF) Hex(C4AEED) Hex(E0C9FF) Hex(FDE5FF)

	Hex(8D79B5)	Hex(FFFFFF)	Hex(C4AEED)	Hex(E0C9FF)	Hex(FDE5FF)
Hex(8D79B5)		Ratio: 3.79 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.79 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(C4AEED)	Ratio: 1.92 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E0C9FF)	Ratio: 2.52 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FDE5FF)	Ratio: 3.22 AA 18pt ²	Ratio: 1.18 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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