

Converting Colors - WCAG Matrix

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

Hex(7068DE) Hex(FFFFFF) Hex(AA9BFF) Hex(C7B6FF) Hex(E5D2FF) Hex(FFEEFF)

	Hex(7068DE)	Hex(FFFFFF)	Hex(AA9BFF)	Hex(C7B6FF)	Hex(E5D2FF)	Hex(FFEEFF)
Hex(7068DE)		Ratio: 4.45 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 4.01 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.45 AA 18pt ²		Ratio: 2.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(AA9BFF)	Ratio: 1.87 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(C7B6FF)	Ratio: 2.45 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E5D2FF)	Ratio: 3.17 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(FFEEFF)	Ratio: 4.01 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.26 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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