

Converting Colors - WCAG Matrix

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

Hex(428BEC) Hex(FFFFFF) Hex(85C0FF) Hex(A4DCFF) Hex(C2F8FF) Hex(E1FFFF)

	Hex(428BEC)	Hex(FFFFFF)	Hex(85C0FF)	Hex(A4DCFF)	Hex(C2F8FF)	Hex(E1FFFF)
Hex(428BEC)		Ratio: 3.42 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.42 AA 18pt ²		Ratio: 1.91 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(85C0FF)	Ratio: 1.79 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(A4DCFF)	Ratio: 2.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(C2F8FF)	Ratio: 2.96 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(E1FFFF)	Ratio: 3.25 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 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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