

Converting Colors - WCAG Matrix

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

	Hex(2A7DB5)	Hex(FFFFFF)	Hex(6CB1ED)	Hex(89CDFF)	Hex(A6E9FF)	Hex(C4FFFF)	Hex(E2FFFF)
Hex(2A7DB5)		Ratio: 4.47 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.25 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.47 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(6CB1ED)	Ratio: 1.95 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(89CDFF)	Ratio: 2.60 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(A6E9FF)	Ratio: 3.35 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(C4FFFF)	Ratio: 4.06 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E2FFFF)	Ratio: 4.25 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 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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