

Converting Colors - WCAG Matrix

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

Hex(8CBAFF) Hex(A6C9FF) Hex(BFD9FF) Hex(D9E8FF) Hex(F2F7FF) Hex(FFFFFF)

	Hex(8CBAFF)	Hex(A6C9FF)	Hex(BFD9FF)	Hex(D9E8FF)	Hex(F2F7FF)	Hex(FFFFFF)
Hex(8CBAFF)		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(A6C9FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(BFD9FF)	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(D9E8FF)	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(F2F7FF)	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFF)	Ratio: 1.98 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.08 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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