

Converting Colors - WCAG Matrix

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

Hex(7B95BC) Hex(FFFFFF) Hex(B1CBF4) Hex(CDE7FF) Hex(EAFFFF)

	Hex(7B95BC)	Hex(FFFFFF)	Hex(B1CBF4)	Hex(CDE7FF)	Hex(EAFFFF)
Hex(7B95BC)		Ratio: 3.06 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(FFFFFF)	Ratio: 3.06 AA 18pt ²		Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(B1CBF4)	Ratio: 1.85 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(CDE7FF)	Ratio: 2.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(EAFFFF)	Ratio: 2.95 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.23 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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