

Converting Colors - WCAG Matrix

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

Hex(7A9F9F) Hex(94BABA) Hex(AFD6D6) Hex(CBF2F2) Hex(E7FFFF) Hex(FFFFFF)

	Hex(7A9F9F)	Hex(94BABA)	Hex(AFD6D6)	Hex(CBF2F2)	Hex(E7FFFF)	Hex(FFFFFF)
Hex(7A9F9F)		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(94BABA)	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(AFD6D6)	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(CBF2F2)	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(E7FFFF)	Ratio: 2.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 2.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 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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