

Converting Colors - WCAG Matrix

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

Hex(5C8F7D) Hex(FFFFFF) Hex(90C5B2) Hex(ABE1CD) Hex(C7FEE9) Hex(E3FFFF)

	Hex(5C8F7D)	Hex(FFFFFF)	Hex(90C5B2)	Hex(ABE1CD)	Hex(C7FEE9)	Hex(E3FFFF)
Hex(5C8F7D)		Ratio: 3.70 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.70 AA 18pt ²		Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(90C5B2)	Ratio: 1.90 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(ABE1CD)	Ratio: 2.53 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(C7FEE9)	Ratio: 3.31 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(E3FFFF)	Ratio: 3.52 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.07 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

Failed 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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