

Converting Colors - WCAG Matrix

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

Hex(5C9470) Hex(FFFFFF) Hex(90CAA4) Hex(ABE7BF) Hex(C7FFDB) Hex(E4FFF7)

	Hex(5C9470)	Hex(FFFFFF)	Hex(90CAA4)	Hex(ABE7BF)	Hex(C7FFDB)	Hex(E4FFF7)
Hex(5C9470)		Ratio: 3.54 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.37 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.54 AA 18pt ²		Ratio: 1.88 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(90CAA4)	Ratio: 1.89 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(ABE7BF)	Ratio: 2.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(C7FFDB)	Ratio: 3.17 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(E4FFF7)	Ratio: 3.37 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.06 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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