

Converting Colors - WCAG Matrix

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

Hex(5AAE9B) Hex(FFFFFF) Hex(91E6D1) Hex(ADFFEE) Hex(CAFFFF) Hex(E7FFFF)

	Hex(5AAE9B)	Hex(FFFFFF)	Hex(91E6D1)	Hex(ADFFEE)	Hex(CAFFFF)	Hex(E7FFFF)
Hex(5AAE9B)		Ratio: 2.64 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(FFFFFF)	Ratio: 2.64 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(91E6D1)	Ratio: 1.81 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(ADFFEE)	Ratio: 2.30 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(CAFFFF)	Ratio: 2.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E7FFFF)	Ratio: 2.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 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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