

Converting Colors - WCAG Matrix

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

Hex(4A7878) Hex(FFFFFF) Hex(7DACAA) Hex(98C8C8) Hex(B3E4E2) Hex(CFFFFFF) Hex(ECFFFD)

	Hex(4A7878)	Hex(FFFFFF)	Hex(7DACAA)	Hex(98C8C8)	Hex(B3E4E2)	Hex(CFFFFFF)	Hex(ECFFFD)
Hex(4A7878)		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 2.51 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(7DACAA)	Ratio: 1.97 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(98C8C8)	Ratio: 2.69 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(B3E4E2)	Ratio: 3.56 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(CFFFFFF)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(ECFFFD)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.34 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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