

Converting Colors - WCAG Matrix

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

	Hex(7F778A)	Hex(87858A)	Hex(8F938A)	Hex(97A08A)	Hex(9FAE8A)	Hex(A7BC8A)	Hex(AFCA8A)	Hex(B7D88A)	Hex(BFE58A)	Hex(C7F38A)
Hex(7F778A)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(87858A)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(8F938A)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(97A08A)	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(9FAE8A)	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(A7BC8A)	Ratio: 2.08 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(AFCA8A)	Ratio: 2.37 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(B7D88A)	Ratio: 2.69 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(BFE58A)	Ratio: 3.01 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(C7F38A)	Ratio: 3.39 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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