

Converting Colors - WCAG Matrix

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

	Hex(8E7D96)	Hex(938C96)	Hex(989B96)	Hex(9CAA96)	Hex(A1B996)	Hex(A6C896)	Hex(ABD796)	Hex(B0E696)	Hex(B4F596)	Hex(B9FF96)
Hex(8E7D96)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(938C96)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(989B96)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(9CAA96)	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(A1B996)	Ratio: 1.79 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(A6C896)	Ratio: 2.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(ABD796)	Ratio: 2.33 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(B0E696)	Ratio: 2.64 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(B4F596)	Ratio: 2.98 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(B9FF96)	Ratio: 3.22 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 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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