

Converting Colors - WCAG Matrix

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

	Hex(787980)	Hex(858480)	Hex(919080)	Hex(9E9B80)	Hex(ABA780)	Hex(B8B380)	Hex(C4BE80)	Hex(D1CA80)	Hex(DED680)	Hex(EBE180)
Hex(787980)		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(858480)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(919080)	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(9E9B80)	Ratio: 1.54 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: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(ABA780)	Ratio: 1.77 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(B8B380)	Ratio: 2.02 Failed ⁵	Ratio: 1.75 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	Ratio: 1.59 Failed ⁵
Hex(C4BE80)	Ratio: 2.28 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(D1CA80)	Ratio: 2.57 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(DED680)	Ratio: 2.90 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(EBE180)	Ratio: 3.22 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 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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