

Converting Colors - WCAG Matrix

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

	Hex(727487)	Hex(7F8087)	Hex(8D8C87)	Hex(9A9887)	Hex(A8A487)	Hex(B5AF87)	Hex(C3BB87)	Hex(D0C787)	Hex(DED387)	Hex(EBDF87)
Hex(727487)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.38 AA 18pt ²
Hex(7F8087)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(8D8C87)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(9A9887)	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(A8A487)	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(B5AF87)	Ratio: 2.07 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(C3BB87)	Ratio: 2.36 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(D0C787)	Ratio: 2.67 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(DED387)	Ratio: 3.02 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(EBDF87)	Ratio: 3.38 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 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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