

Converting Colors - WCAG Matrix

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

	Hex(727274)	Hex(7E7E74)	Hex(898974)	Hex(959574)	Hex(A0A074)	Hex(ACAC74)	Hex(B8B874)	Hex(C3C374)	Hex(CFCF74)	Hex(DADA74)
Hex(727274)		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(7E7E74)	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(898974)	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(959574)	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(A0A074)	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(ACAC74)	Ratio: 2.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(B8B874)	Ratio: 2.32 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(C3C374)	Ratio: 2.60 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(CFCF74)	Ratio: 2.93 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(DADA74)	Ratio: 3.26 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 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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