

Converting Colors - WCAG Matrix

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

	Hex(576180)	Hex(646B80)	Hex(717480)	Hex(7D7E80)	Hex(8A8880)	Hex(979180)	Hex(A49B80)	Hex(B1A580)	Hex(BDAE80)	Hex(CAB880)
Hex(576180)		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(646B80)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(717480)	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(7D7E80)	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(8A8880)	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(979180)	Ratio: 1.95 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: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(A49B80)	Ratio: 2.21 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(B1A580)	Ratio: 2.50 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(BDAE80)	Ratio: 2.78 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(CAB880)	Ratio: 3.12 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 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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