

Converting Colors - WCAG Matrix

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

	Hex(7A4C59)	Hex(7A5862)	Hex(7A646B)	Hex(7A7173)	Hex(7A7D7C)	Hex(7A8985)	Hex(7A958E)	Hex(7AA196)	Hex(7AAE9F)	Hex(7ABAA8)
Hex(7A4C59)		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(7A5862)	Ratio: 1.13 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: 2.17 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(7A646B)	Ratio: 1.29 Failed ⁵	Ratio: 1.14 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: 2.17 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(7A7173)	Ratio: 1.48 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: 1.89 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(7A7D7C)	Ratio: 1.68 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(7A8985)	Ratio: 1.91 Failed ⁵	Ratio: 1.69 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: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(7A958E)	Ratio: 2.17 Failed ⁵	Ratio: 1.92 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: 1.29 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(7AA196)	Ratio: 2.45 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(7AAE9F)	Ratio: 2.79 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(7ABAA8)	Ratio: 3.13 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 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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