

Converting Colors - WCAG Matrix

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

	Hex(775E57)	Hex(776763)	Hex(77716F)	Hex(777A7B)	Hex(778387)	Hex(778C93)	Hex(77969E)	Hex(779FAA)	Hex(77A8B6)	Hex(77B2C2)
Hex(775E57)		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(776763)	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(77716F)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(777A7B)	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(778387)	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(778C93)	Ratio: 1.69 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(77969E)	Ratio: 1.88 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(779FAA)	Ratio: 2.08 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(77A8B6)	Ratio: 2.29 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(77B2C2)	Ratio: 2.54 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 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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