

Converting Colors - WCAG Matrix

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

	Hex(765877)	Hex(766477)	Hex(777077)	Hex(777C77)	Hex(788877)	Hex(789377)	Hex(789F77)	Hex(79AB77)	Hex(79B777)	Hex(79C377)
Hex(765877)		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(766477)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(777077)	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(777C77)	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(788877)	Ratio: 1.63 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(789377)	Ratio: 1.82 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(789F77)	Ratio: 2.05 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(79AB77)	Ratio: 2.30 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(79B777)	Ratio: 2.58 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(79C377)	Ratio: 2.88 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.58 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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