

Converting Colors - WCAG Matrix

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

	Hex(785B4E)	Hex(785342)	Hex(784A36)	Hex(78422A)	Hex(783A1E)	Hex(783212)	Hex(782906)	Hex(782500)
Hex(785B4E)		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(785342)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(784A36)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(78422A)	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(783A1E)	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(783212)	Ratio: 1.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(782906)	Ratio: 1.61 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(782500)	Ratio: 1.65 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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