

Converting Colors - WCAG Matrix

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

Hex(716E6D) Hex(948F8E) Hex(71706D) Hex(383635) Hex(781800) Hex(F73100)

	Hex(716E6D)	Hex(948F8E)	Hex(71706D)	Hex(383635)	Hex(781800)	Hex(F73100)
Hex(716E6D)		Ratio: 1.58 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(948F8E)	Ratio: 1.58 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(71706D)	Ratio: 1.02 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(383635)	Ratio: 2.38 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.43 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(781800)	Ratio: 2.15 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(F73100)	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.80 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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