

Converting Colors - WCAG Matrix

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

Hex(6A4F36) Hex(8A6038) Hex(6A6836) Hex(363330) Hex(753800) Hex(F57600)

	Hex(6A4F36)	Hex(8A6038)	Hex(6A6836)	Hex(363330)	Hex(753800)	Hex(F57600)
Hex(6A4F36)		Ratio: 1.37 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(8A6038)	Ratio: 1.37 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(6A6836)	Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(363330)	Ratio: 1.66 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(753800)	Ratio: 1.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 3.22 AA 18pt ²
Hex(F57600)	Ratio: 2.68 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 3.22 AA 18pt ²	

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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