

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(704F4F) Hex(915D5D) Hex(705F4F) Hex(383232) Hex(780000) Hex(F70000)

	Hex(704F4F)	Hex(915D5D)	Hex(705F4F)	Hex(383232)	Hex(780000)	Hex(F70000)
Hex(704F4F)		Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(915D5D)	Ratio: 1.35 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(705F4F)	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(383232)	Ratio: 1.75 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(780000)	Ratio: 1.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(F70000)	Ratio: 1.70 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.75 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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