

Converting Colors - WCAG Matrix

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

Hex(78504C) Hex(5E3935) Hex(462320) Hex(2E0E08) Hex(140000) Hex(000000)

	Hex(78504C)	Hex(5E3935)	Hex(462320)	Hex(2E0E08)	Hex(140000)	Hex(000000)
Hex(78504C)		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(5E3935)	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(462320)	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(2E0E08)	Ratio: 2.58 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(140000)	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 3.05 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 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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