

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4C2733) Hex(632B3E) Hex(4C2D27) Hex(262224) Hex(660022) Hex(E5004C)

	Hex(4C2733)	Hex(632B3E)	Hex(4C2D27)	Hex(262224)	Hex(660022)	Hex(E5004C)
Hex(4C2733)		Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(632B3E)	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(4C2D27)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(262224)	Ratio: 1.23 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(660022)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E5004C)	Ratio: 2.70 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.79 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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