

Converting Colors - WCAG Matrix

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

Hex(4C2F4C) Hex(633663) Hex(4C2F3E) Hex(262226) Hex(660066) Hex(E500E6)

	Hex(4C2F4C)	Hex(633663)	Hex(4C2F3E)	Hex(262226)	Hex(660066)	Hex(E500E6)
Hex(4C2F4C)		Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(633663)	Ratio: 1.23 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(4C2F3E)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(262226)	Ratio: 1.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(660066)	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(E500E6)	Ratio: 3.01 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 3.12 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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