

Converting Colors - WCAG Matrix

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

Hex(702B3F) Hex(912645) Hex(62702B) Hex(383234) Hex(780023) Hex(F70048)

	Hex(702B3F)	Hex(912645)	Hex(62702B)	Hex(383234)	Hex(780023)	Hex(F70048)
Hex(702B3F)		Ratio: 1.22 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(912645)	Ratio: 1.22 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(62702B)	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(383234)	Ratio: 1.26 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(780023)	Ratio: 1.16 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(F70048)	Ratio: 2.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.77 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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