

Converting Colors - WCAG Matrix

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

Hex(702D42) Hex(912949) Hex(2D6470) Hex(383234) Hex(780026) Hex(F7004E)

	Hex(702D42)	Hex(912949)	Hex(2D6470)	Hex(383234)	Hex(780026)	Hex(F7004E)
Hex(702D42)		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(912949)	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(2D6470)	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(383234)	Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(780026)	Ratio: 1.17 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(F7004E)	Ratio: 2.36 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.03 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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