

Converting Colors - WCAG Matrix

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

Hex(5F4D5B) Hex(7D6076) Hex(5F4D52) Hex(302C2F) Hex(700056) Hex(F000B8)

	Hex(5F4D5B)	Hex(7D6076)	Hex(5F4D52)	Hex(302C2F)	Hex(700056)	Hex(F000B8)
Hex(5F4D5B)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(7D6076)	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(5F4D52)	Ratio: 1.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(302C2F)	Ratio: 1.77 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(700056)	Ratio: 1.48 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(F000B8)	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.96 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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