

Converting Colors - WCAG Matrix

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

Hex(623F4F) Hex(804761) Hex(61623F) Hex(302C2E) Hex(700033) Hex(F0006E)

	Hex(623F4F)	Hex(804761)	Hex(61623F)	Hex(302C2E)	Hex(700033)	Hex(F0006E)
Hex(623F4F)		Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(804761)	Ratio: 1.28 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(61623F)	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(302C2E)	Ratio: 1.54 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(700033)	Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(F0006E)	Ratio: 2.10 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.84 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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