

Converting Colors - WCAG Matrix

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

Hex(635A63) Hex(827282) Hex(635E5A) Hex(332E33) Hex(730073) Hex(F200F2)

	Hex(635A63)	Hex(827282)	Hex(635E5A)	Hex(332E33)	Hex(730073)	Hex(F200F2)
Hex(635A63)		Ratio: 1.47 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(827282)	Ratio: 1.47 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(635E5A)	Ratio: 1.03 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(332E33)	Ratio: 2.01 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(730073)	Ratio: 1.61 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(F200F2)	Ratio: 1.91 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 3.06 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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