

Converting Colors - WCAG Matrix

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

Hex(670061) Hex(87007F) Hex(673900) Hex(332E33) Hex(73006C) Hex(F200E4)

	Hex(670061)	Hex(87007F)	Hex(673900)	Hex(332E33)	Hex(73006C)	Hex(F200E4)
Hex(670061)		Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(87007F)	Ratio: 1.34 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(673900)	Ratio: 1.24 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(332E33)	Ratio: 1.11 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(73006C)	Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.03 AA 18pt ²
Hex(F200E4)	Ratio: 3.37 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 3.03 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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