

Converting Colors - WCAG Matrix

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

Hex(680148) Hex(87005D) Hex(680115) Hex(332E31) Hex(73004F) Hex(F200A6)

	Hex(680148)	Hex(87005D)	Hex(680115)	Hex(332E31)	Hex(73004F)	Hex(F200A6)
Hex(680148)		Ratio: 1.30 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(87005D)	Ratio: 1.30 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(680115)	Ratio: 1.05 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(332E31)	Ratio: 1.07 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(73004F)	Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(F200A6)	Ratio: 3.16 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.89 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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