

Converting Colors - WCAG Matrix

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

	Hex(700041)	Hex(910054)	Hex(097000)	Hex(383236)	Hex(780045)	Hex(F7008F)
Hex(700041)		Ratio: 1.32 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(910054)	Ratio: 1.32 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(097000)	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(383236)	Ratio: 1.05 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(780045)	Ratio: 1.07 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(F7008F)	Ratio: 3.03 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.19 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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