

Converting Colors - WCAG Matrix

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

Hex(A72F8C) Hex(D91EAF) Hex(2FA785) Hex(544C52) Hex(940073) Hex(140010)

	Hex(A72F8C)	Hex(D91EAF)	Hex(2FA785)	Hex(544C52)	Hex(940073)	Hex(140010)
Hex(A72F8C)		Ratio: 1.39 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(D91EAF)	Ratio: 1.39 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(2FA785)	Ratio: 2.04 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(544C52)	Ratio: 1.35 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.76 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940073)	Ratio: 1.37 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(140010)	Ratio: 3.31 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.42 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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