

Converting Colors - WCAG Matrix

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

Hex(A75F8F) Hex(D968B3) Hex(A75F6B) Hex(544C51) Hex(940063) Hex(14000E)

	Hex(A75F8F)	Hex(D968B3)	Hex(A75F6B)	Hex(544C51)	Hex(940063)	Hex(14000E)
Hex(A75F8F)		Ratio: 1.41 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(D968B3)	Ratio: 1.41 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(A75F6B)	Ratio: 1.04 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(544C51)	Ratio: 1.85 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940063)	Ratio: 1.92 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(14000E)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 4.34 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 2.35 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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