

Converting Colors - WCAG Matrix

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

Hex(A72382) Hex(D90B9F) Hex(A72342) Hex(544C52) Hex(94006A) Hex(14000F)

	Hex(A72382)	Hex(D90B9F)	Hex(A72342)	Hex(544C52)	Hex(94006A)	Hex(14000F)
Hex(A72382)		Ratio: 1.40 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(D90B9F)	Ratio: 1.40 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(A72342)	Ratio: 1.08 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(544C52)	Ratio: 1.27 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(94006A)	Ratio: 1.30 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(14000F)	Ratio: 3.09 AA 18pt ²	Ratio: 4.34 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.38 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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