

Converting Colors - WCAG Matrix

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

Hex(A96389) Hex(DB6EA9) Hex(A96366) Hex(544C50) Hex(940050) Hex(14000B)

	Hex(A96389)	Hex(DB6EA9)	Hex(A96366)	Hex(544C50)	Hex(940050)	Hex(14000B)
Hex(A96389)		Ratio: 1.41 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(DB6EA9)	Ratio: 1.41 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(A96366)	Ratio: 1.04 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(544C50)	Ratio: 1.91 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940050)	Ratio: 2.03 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(14000B)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.30 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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