

Converting Colors - WCAG Matrix

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

Hex(A6587F) Hex(D95F9C) Hex(A6A658) Hex(544C50) Hex(94004A) Hex(14000A)

	Hex(A6587F)	Hex(D95F9C)	Hex(A6A658)	Hex(544C50)	Hex(94004A)	Hex(14000A)
Hex(A6587F)		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(D95F9C)	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(A6A658)	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.25 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(544C50)	Ratio: 1.71 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.25 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(94004A)	Ratio: 1.83 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(14000A)	Ratio: 4.18 AA 18pt ²	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.28 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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