

Converting Colors - WCAG Matrix

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

Hex(A97990) Hex(DB91B4) Hex(79A97B) Hex(544C50) Hex(940045) Hex(14000A)

	Hex(A97990)	Hex(DB91B4)	Hex(79A97B)	Hex(544C50)	Hex(940045)	Hex(14000A)
Hex(A97990)		Ratio: 1.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(DB91B4)	Ratio: 1.50 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 8.43 Passed ⁶
Hex(79A97B)	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 7.52 Passed ⁶
Hex(544C50)	Ratio: 2.31 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940045)	Ratio: 2.48 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(14000A)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 8.43 Passed ⁶	Ratio: 7.52 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.27 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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