

Converting Colors - WCAG Matrix

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

Hex(95544F) Hex(C2A9A7) Hex(954F90) Hex(615250) Hex(E0E0E0) Hex(616161)

	Hex(95544F)	Hex(C2A9A7)	Hex(954F90)	Hex(615250)	Hex(E0E0E0)	Hex(616161)
Hex(95544F)		Ratio: 2.60 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(C2A9A7)	Ratio: 2.60 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(954F90)	Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.12 Failed ⁵
Hex(615250)	Ratio: 1.29 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(E0E0E0)	Ratio: 4.35 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.08 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	

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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