

Converting Colors - WCAG Matrix

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

Hex(947559) Hex(C2B5AB) Hex(945979) Hex(615A53) Hex(E0E0E0) Hex(616161)

	Hex(947559)	Hex(C2B5AB)	Hex(945979)	Hex(615A53)	Hex(E0E0E0)	Hex(616161)
Hex(947559)		Ratio: 2.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(C2B5AB)	Ratio: 2.12 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(945979)	Ratio: 1.25 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(615A53)	Ratio: 1.60 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E0E0E0)	Ratio: 3.22 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.46 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.10 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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