

Converting Colors - WCAG Matrix

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

Hex(947962) Hex(BFB5AC) Hex(94627C) Hex(615B55) Hex(E0E0E0) Hex(616161)

	Hex(947962)	Hex(BFB5AC)	Hex(94627C)	Hex(615B55)	Hex(E0E0E0)	Hex(616161)
Hex(947962)		Ratio: 2.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(BFB5AC)	Ratio: 2.02 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(94627C)	Ratio: 1.20 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(615B55)	Ratio: 1.65 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(E0E0E0)	Ratio: 3.08 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.52 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.08 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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