

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(948448) Hex(BFB9A3) Hex(944859) Hex(615D4F) Hex(E0E0E0) Hex(616161)

	Hex(948448)	Hex(BFB9A3)	Hex(944859)	Hex(615D4F)	Hex(E0E0E0)	Hex(616161)
Hex(948448)		Ratio: 1.89 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(BFB9A3)	Ratio: 1.89 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(944859)	Ratio: 1.70 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(615D4F)	Ratio: 1.77 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(E0E0E0)	Ratio: 2.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.67 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.06 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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