

Converting Colors - WCAG Matrix

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

Hex(94856A) Hex(BFBAB0) Hex(946A7A) Hex(615D57) Hex(E0E0E0) Hex(616161)

	Hex(94856A)	Hex(BFBAB0)	Hex(946A7A)	Hex(615D57)	Hex(E0E0E0)	Hex(616161)
Hex(94856A)		Ratio: 1.87 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(BFBAB0)	Ratio: 1.87 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(946A7A)	Ratio: 1.27 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(615D57)	Ratio: 1.81 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(E0E0E0)	Ratio: 2.73 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.72 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.36 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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