

Converting Colors - WCAG Matrix

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

Hex(967463) Hex(C4B7B1) Hex(966385) Hex(635B58) Hex(E3E3E3) Hex(636363)

	Hex(967463)	Hex(C4B7B1)	Hex(966385)	Hex(635B58)	Hex(E3E3E3)	Hex(636363)
Hex(967463)		Ratio: 2.16 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(C4B7B1)	Ratio: 2.16 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(966385)	Ratio: 1.13 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(635B58)	Ratio: 1.57 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.40 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E3E3E3)	Ratio: 3.29 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.42 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.68 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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