

Converting Colors - WCAG Matrix

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

Hex(939665) Hex(C3C4B1) Hex(966765) Hex(636358) Hex(E3E3E3) Hex(636363)

	Hex(939665)	Hex(C3C4B1)	Hex(966765)	Hex(636358)	Hex(E3E3E3)	Hex(636363)
Hex(939665)		Ratio: 1.75 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(C3C4B1)	Ratio: 1.75 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(966765)	Ratio: 1.53 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(636358)	Ratio: 1.96 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(E3E3E3)	Ratio: 2.41 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.94 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.01 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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