

Converting Colors - WCAG Matrix

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

Hex(AC938C) Hex(E0D6D3) Hex(AC8CA5) Hex(706A68) Hex(F0F0F0) Hex(707070)

	Hex(AC938C)	Hex(E0D6D3)	Hex(AC8CA5)	Hex(706A68)	Hex(F0F0F0)	Hex(707070)
Hex(AC938C)		Ratio: 2.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(E0D6D3)	Ratio: 2.02 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(AC8CA5)	Ratio: 1.04 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(706A68)	Ratio: 1.85 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(F0F0F0)	Ratio: 2.52 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.72 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.35 AA 18pt ²	

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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