

Converting Colors - WCAG Matrix

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

Hex(AD8282) Hex(E0CECE) Hex(AD82AD) Hex(706565) Hex(F0F0F0) Hex(707070)

	Hex(AD8282)	Hex(E0CECE)	Hex(AD82AD)	Hex(706565)	Hex(F0F0F0)	Hex(707070)
Hex(AD8282)		Ratio: 2.21 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(E0CECE)	Ratio: 2.21 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(AD82AD)	Ratio: 1.04 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(706565)	Ratio: 1.68 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(F0F0F0)	Ratio: 2.93 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.48 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.13 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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