

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(84AD89) Hex(D1E0D3) Hex(A8AD84) Hex(677068) Hex(F0F0F0) Hex(707070)

	Hex(84AD89)	Hex(D1E0D3)	Hex(A8AD84)	Hex(677068)	Hex(F0F0F0)	Hex(707070)
Hex(84AD89)		Ratio: 1.84 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(D1E0D3)	Ratio: 1.84 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(A8AD84)	Ratio: 1.08 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(677068)	Ratio: 2.03 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.19 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(F0F0F0)	Ratio: 2.21 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.96 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.04 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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