

Converting Colors - WCAG Matrix

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

Hex(AF797A) Hex(E3CFCF) Hex(AD79AF) Hex(736666) Hex(F2F2F2) Hex(737373)

	Hex(AF797A)	Hex(E3CFCF)	Hex(AD79AF)	Hex(736666)	Hex(F2F2F2)	Hex(737373)
Hex(AF797A)		Ratio: 2.41 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(E3CFCF)	Ratio: 2.41 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(AD79AF)	Ratio: 1.05 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(736666)	Ratio: 1.53 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(F2F2F2)	Ratio: 3.21 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.32 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.24 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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