

Converting Colors - WCAG Matrix

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

Hex(AC0E26) Hex(E0A2AB) Hex(920EAC) Hex(704A50) Hex(F0F0F0) Hex(707070)

	Hex(AC0E26)	Hex(E0A2AB)	Hex(920EAC)	Hex(704A50)	Hex(F0F0F0)	Hex(707070)
Hex(AC0E26)		Ratio: 3.49 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(E0A2AB)	Ratio: 3.49 AA 18pt ²		Ratio: 3.45 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(920EAC)	Ratio: 1.01 Failed ⁵	Ratio: 3.45 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵
Hex(704A50)	Ratio: 1.02 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵
Hex(F0F0F0)	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 1.86 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 6.62 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.49 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.52 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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