

Converting Colors - WCAG Matrix

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

Hex(AF0E38) Hex(E3A3B4) Hex(840EAF) Hex(734C56) Hex(F2F2F2) Hex(737373)

	Hex(AF0E38)	Hex(E3A3B4)	Hex(840EAF)	Hex(734C56)	Hex(F2F2F2)	Hex(737373)
Hex(AF0E38)		Ratio: 3.45 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵
Hex(E3A3B4)	Ratio: 3.45 AA 18pt ²		Ratio: 3.82 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(840EAF)	Ratio: 1.11 Failed ⁵	Ratio: 3.82 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 7.04 Passed ⁶	Ratio: 1.66 Failed ⁵
Hex(734C56)	Ratio: 1.02 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.53 Failed ⁵
Hex(F2F2F2)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.85 Failed ⁵	Ratio: 7.04 Passed ⁶	Ratio: 6.47 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.50 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.53 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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