

Converting Colors - WCAG Matrix

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

Hex(AF4444) Hex(E3BABA) Hex(AF44AF) Hex(735A5A) Hex(F2F2F2) Hex(737373)

	Hex(AF4444)	Hex(E3BABA)	Hex(AF44AF)	Hex(735A5A)	Hex(F2F2F2)	Hex(737373)
Hex(AF4444)		Ratio: 3.21 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(E3BABA)	Ratio: 3.21 AA 18pt ²		Ratio: 2.81 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(AF44AF)	Ratio: 1.14 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.04 Failed ⁵
Hex(735A5A)	Ratio: 1.12 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(F2F2F2)	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.19 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.33 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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