

Converting Colors - WCAG Matrix

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

Hex(AC4568) Hex(E0B8C6) Hex(8845AC) Hex(705860) Hex(F0F0F0) Hex(707070)

	Hex(AC4568)	Hex(E0B8C6)	Hex(8845AC)	Hex(705860)	Hex(F0F0F0)	Hex(707070)
Hex(AC4568)		Ratio: 3.11 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E0B8C6)	Ratio: 3.11 AA 18pt ²		Ratio: 3.39 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(8845AC)	Ratio: 1.09 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(705860)	Ratio: 1.17 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(F0F0F0)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.11 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.30 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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