

Converting Colors - WCAG Matrix

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

Hex(AD408B) Hex(E0B6D3) Hex(6340AD) Hex(705668) Hex(F0F0F0) Hex(707070)

	Hex(AD408B)	Hex(E0B6D3)	Hex(6340AD)	Hex(705668)	Hex(F0F0F0)	Hex(707070)
Hex(AD408B)		Ratio: 3.04 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(E0B6D3)	Ratio: 3.04 AA 18pt ²		Ratio: 4.12 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(6340AD)	Ratio: 1.35 Failed ⁵	Ratio: 4.12 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵
Hex(705668)	Ratio: 1.21 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(F0F0F0)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.09 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.32 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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