

Converting Colors - WCAG Matrix

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

Hex(C2C2C2) Hex(FCFCFC) Hex(616161) Hex(A10067) Hex(210015)

Hex(C2C2C2)		Ratio: 1.74 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 10.96 Passed ⁶
Hex(FCFCFC)	Ratio: 1.74 Failed ⁵		Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 7.55 Passed ⁶	Ratio: 19.03 Passed ⁶
Hex(616161)	Ratio: 3.48 AA 18pt ²	Ratio: 6.04 AA ¹ AAA 18pt ⁴		Ratio: 1.25 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(A10067)	Ratio: 4.35 AA 18pt ²	Ratio: 7.55 Passed ⁶	Ratio: 1.25 Failed ⁵		Ratio: 2.52 Failed ⁵
Hex(210015)	Ratio: 10.96 Passed ⁶	Ratio: 19.03 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 2.52 Failed ⁵	

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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