

Converting Colors - WCAG Matrix

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

Hex(C5C5C5) Hex(FFFFFF) Hex(636363) Hex(0FA300) Hex(032400)

Hex(C5C5C5)		Ratio: 1.73 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 9.69 Passed ⁶
Hex(FFFFFF)	Ratio: 1.73 Failed ⁵		Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 16.72 Passed ⁶
Hex(636363)	Ratio: 3.48 AA 18pt ²	Ratio: 6.01 AA ¹ AAA 18pt ⁴		Ratio: 1.79 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(0FA300)	Ratio: 1.94 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(032400)	Ratio: 9.69 Passed ⁶	Ratio: 16.72 Passed ⁶	Ratio: 2.78 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	

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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