

Converting Colors - WCAG Matrix

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

Hex(E3E3E3) Hex(FFFFFF) Hex(737373) Hex(7CB300) Hex(233300)

	Hex(E3E3E3)	Hex(FFFFFF)	Hex(737373)	Hex(7CB300)	Hex(233300)
Hex(E3E3E3)		Ratio: 1.28 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 10.59 Passed ⁶
Hex(FFFFFF)	Ratio: 1.28 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 13.59 Passed ⁶
Hex(737373)	Ratio: 3.69 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴		Ratio: 1.88 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(7CB300)	Ratio: 1.97 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(233300)	Ratio: 10.59 Passed ⁶	Ratio: 13.59 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.38 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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