

Converting Colors - WCAG Matrix

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

Hex(E1E300) Hex(FDFF00) Hex(72E300) Hex(737367) Hex(B1B300) Hex(333300)

	Hex(E1E300)	Hex(FDFF00)	Hex(72E300)	Hex(737367)	Hex(B1B300)	Hex(333300)
Hex(E1E300)		Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 9.41 Passed ⁶
Hex(FDFF00)	Ratio: 1.28 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 12.07 Passed ⁶
Hex(72E300)	Ratio: 1.20 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 7.87 Passed ⁶
Hex(737367)	Ratio: 3.47 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 2.90 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(B1B300)	Ratio: 1.63 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(333300)	Ratio: 9.41 Passed ⁶	Ratio: 12.07 Passed ⁶	Ratio: 7.87 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 5.77 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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