

Converting Colors - WCAG Matrix

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

Hex(E6FF0D) Hex(E4FF00) Hex(6EFF0D) Hex(7E8073) Hex(ABBF00) Hex(394000)

	Hex(E6FF0D)	Hex(E4FF00)	Hex(6EFF0D)	Hex(7E8073)	Hex(ABBF00)	Hex(394000)
Hex(E6FF0D)		Ratio: 1.00 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.79 Passed ⁶
Hex(E4FF00)	Ratio: 1.00 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.75 Passed ⁶
Hex(6EFF0D)	Ratio: 1.17 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 8.37 Passed ⁶
Hex(7E8073)	Ratio: 3.58 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 3.06 AA 18pt ²		Ratio: 1.95 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(ABBF00)	Ratio: 1.83 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(394000)	Ratio: 9.79 Passed ⁶	Ratio: 9.75 Passed ⁶	Ratio: 8.37 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 5.34 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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