

Converting Colors - WCAG Matrix

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

Hex(A6DE28) Hex(B2FF05) Hex(4CDE28) Hex(6D7065) Hex(7AB000) Hex(223000)

	Hex(A6DE28)	Hex(B2FF05)	Hex(4CDE28)	Hex(6D7065)	Hex(7AB000)	Hex(223000)
Hex(A6DE28)		Ratio: 1.31 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 8.79 Passed ⁶
Hex(B2FF05)	Ratio: 1.31 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 11.54 Passed ⁶
Hex(4CDE28)	Ratio: 1.11 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 7.91 Passed ⁶
Hex(6D7065)	Ratio: 3.15 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 2.84 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(7AB000)	Ratio: 1.63 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(223000)	Ratio: 8.79 Passed ⁶	Ratio: 11.54 Passed ⁶	Ratio: 7.91 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.39 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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