

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFDE41) Hex(FFD81C) Hex(C3FF41) Hex(807D73) Hex(BF9E00) Hex(403500)

	Hex(FFDE41)	Hex(FFD81C)	Hex(C3FF41)	Hex(807D73)	Hex(BF9E00)	Hex(403500)
Hex(FFDE41)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.13 Passed ⁶
Hex(FFD81C)	Ratio: 1.05 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 8.74 Passed ⁶
Hex(C3FF41)	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 10.25 Passed ⁶
Hex(807D73)	Ratio: 3.09 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 3.47 AA 18pt ²		Ratio: 1.59 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(BF9E00)	Ratio: 1.95 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(403500)	Ratio: 9.13 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 10.25 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 4.69 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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