

Converting Colors - WCAG Matrix

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

Hex(807825) Hex(A69919) Hex(5C8025) Hex(403F39) Hex(807400) Hex(000000)

	Hex(807825)	Hex(A69919)	Hex(5C8025)	Hex(403F39)	Hex(807400)	Hex(000000)
Hex(807825)		Ratio: 1.55 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(A69919)	Ratio: 1.55 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 7.19 Passed ⁶
Hex(5C8025)	Ratio: 1.01 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(403F39)	Ratio: 2.33 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(807400)	Ratio: 1.05 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 4.42 AA 18pt ²
Hex(000000)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 7.19 Passed ⁶	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 4.42 AA 18pt ²	

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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