

Converting Colors - WCAG Matrix

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

Hex(485430) Hex(5B6E36) Hex(375430) Hex(2A2B27) Hex(476B00) Hex(9CEB00)

	Hex(485430)	Hex(5B6E36)	Hex(375430)	Hex(2A2B27)	Hex(476B00)	Hex(9CEB00)
Hex(485430)		Ratio: 1.44 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(5B6E36)	Ratio: 1.44 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(375430)	Ratio: 1.05 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(2A2B27)	Ratio: 1.76 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 9.70 Passed ⁶
Hex(476B00)	Ratio: 1.30 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 4.24 AA 18pt ²
Hex(9CEB00)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 9.70 Passed ⁶	Ratio: 4.24 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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