

Converting Colors - WCAG Matrix

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

Hex(665B22) Hex(85731B) Hex(4F6622) Hex(33322E) Hex(736000) Hex(F2CA00)

	Hex(665B22)	Hex(85731B)	Hex(4F6622)	Hex(33322E)	Hex(736000)	Hex(F2CA00)
Hex(665B22)		Ratio: 1.45 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(85731B)	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(4F6622)	Ratio: 1.06 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(33322E)	Ratio: 1.88 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 8.08 Passed ⁶
Hex(736000)	Ratio: 1.10 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 3.89 AA 18pt ²
Hex(F2CA00)	Ratio: 4.29 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 8.08 Passed ⁶	Ratio: 3.89 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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