

Converting Colors - WCAG Matrix

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

Hex(656532) Hex(828233) Hex(4C6532) Hex(33332E) Hex(737300) Hex(F2F200)

	Hex(656532)	Hex(828233)	Hex(4C6532)	Hex(33332E)	Hex(737300)	Hex(F2F200)
Hex(656532)		Ratio: 1.50 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(828233)	Ratio: 1.50 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(4C6532)	Ratio: 1.08 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(33332E)	Ratio: 2.09 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 10.57 Passed ⁶
Hex(737300)	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 4.18 AA 18pt ²
Hex(F2F200)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 10.57 Passed ⁶	Ratio: 4.18 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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