

Converting Colors - WCAG Matrix

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

Hex(4F6C01) Hex(818C62) Hex(6C1D01) Hex(40472E) Hex(C7C7C7) Hex(474747)

	Hex(4F6C01)	Hex(818C62)	Hex(6C1D01)	Hex(40472E)	Hex(C7C7C7)	Hex(474747)
Hex(4F6C01)		Ratio: 1.69 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(818C62)	Ratio: 1.69 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(6C1D01)	Ratio: 1.92 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(40472E)	Ratio: 1.61 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C7C7C7)	Ratio: 3.57 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 5.75 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.54 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.50 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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