

Converting Colors - WCAG Matrix

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

Hex(6B4900) Hex(8C7F62) Hex(6B0022) Hex(473F2E) Hex(C7C7C7) Hex(474747)

	Hex(6B4900)	Hex(8C7F62)	Hex(6B0022)	Hex(473F2E)	Hex(C7C7C7)	Hex(474747)
Hex(6B4900)		Ratio: 2.07 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(8C7F62)	Ratio: 2.07 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(6B0022)	Ratio: 1.56 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 7.54 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(473F2E)	Ratio: 1.28 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(C7C7C7)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 2.33 Failed ⁵	Ratio: 7.54 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.14 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.12 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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