

Converting Colors - WCAG Matrix

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

Hex(729067) Hex(8CBA7B) Hex(679070) Hex(424740) Hex(248700) Hex(020800)

Hex(729067)		Ratio: 1.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(8CBA7B)	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 9.08 Passed ⁶
Hex(679070)	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(424740)	Ratio: 2.67 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.63 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(248700)	Ratio: 1.30 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.38 AA 18pt ²
Hex(020800)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 9.08 Passed ⁶	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 4.38 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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