

Converting Colors - WCAG Matrix

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

Hex(779044) Hex(94BA45) Hex(529044) Hex(454740) Hex(5B8700) Hex(050800)

Hex(779044)		Ratio: 1.60 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(94BA45)	Ratio: 1.60 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 9.00 Passed ⁶
Hex(529044)	Ratio: 1.08 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(454740)	Ratio: 2.63 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(5B8700)	Ratio: 1.19 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(050800)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 9.00 Passed ⁶	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵	Ratio: 4.72 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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