

Converting Colors - WCAG Matrix

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

Hex(4E4F4A) Hex(64665F) Hex(4B4F4A) Hex(282926) Hex(4B6900) Hex(A6E800)

Hex(4E4F4A)		Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(64665F)	Ratio: 1.42 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(4B4F4A)	Ratio: 1.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(282926)	Ratio: 1.77 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 9.87 Passed ⁶
Hex(4B6900)	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 4.27 AA 18pt ²
Hex(A6E800)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 9.87 Passed ⁶	Ratio: 4.27 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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