

Converting Colors - WCAG Matrix

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

Hex(434A46) Hex(56615A) Hex(434A49) Hex(222624) Hex(006622) Hex(00E64D)

Hex(434A46)		Ratio: 1.41 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(56615A)	Ratio: 1.41 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(434A49)	Ratio: 1.00 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(222624)	Ratio: 1.68 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 9.06 Passed ⁶
Hex(006622)	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.25 AA 18pt ²
Hex(00E64D)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 9.06 Passed ⁶	Ratio: 4.25 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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