

Converting Colors - WCAG Matrix

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

Hex(314E1F) Hex(39661D) Hex(1F4E24) Hex(242622) Hex(276600) Hex(58E600)

	Hex(314E1F)	Hex(39661D)	Hex(1F4E24)	Hex(242622)	Hex(276600)	Hex(58E600)
Hex(314E1F)		Ratio: 1.38 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(39661D)	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(1F4E24)	Ratio: 1.03 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(242622)	Ratio: 1.63 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 9.26 Passed ⁶
Hex(276600)	Ratio: 1.33 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.26 AA 18pt ²
Hex(58E600)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 9.26 Passed ⁶	Ratio: 4.26 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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