

Converting Colors - WCAG Matrix

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

Hex(4A5757) Hex(333F3F) Hex(1E2A2A) Hex(061515) Hex(000000)

Hex(4A5757)		Ratio: 1.45 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(333F3F)	Ratio: 1.45 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(1E2A2A)	Ratio: 1.97 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(061515)	Ratio: 2.48 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 2.79 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.13 Failed ⁵	

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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