

Converting Colors - WCAG Matrix

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

Hex(4A4A52) Hex(34343B) Hex(1F1F25) Hex(060610) Hex(000000)

Hex(4A4A52)	Ratio: 1.41 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(34343B)	Ratio: 1.41 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(1F1F25)	Ratio: 1.87 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(060610)	Ratio: 2.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 2.39 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 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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