

Converting Colors - WCAG Matrix

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

Hex(5A5562) Hex(423E4A) Hex(2C2834) Hex(18141E) Hex(050010)

Hex(5A5562)	Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(423E4A)	Ratio: 1.44 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(2C2834)	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(18141E)	Ratio: 2.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(050010)	Ratio: 2.87 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.14 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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