

Converting Colors - WCAG Matrix

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

Hex(4C575E) Hex(354046) Hex(202A30) Hex(0A151B) Hex(000000)

Hex(4C575E)		Ratio: 1.44 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(354046)	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(202A30)	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(0A151B)	Ratio: 2.49 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵	
Hex(000000)	Ratio: 2.83 Failed ⁵	Ratio: 1.97 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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