

Converting Colors - WCAG Matrix

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

Hex(435456) Hex(526D70) Hex(434B56) Hex(272B2B) Hex(005F6B) Hex(00CFEB)

	Hex(435456)	Hex(526D70)	Hex(434B56)	Hex(272B2B)	Hex(005F6B)	Hex(00CFEB)
Hex(435456)		Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(526D70)	Ratio: 1.43 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(434B56)	Ratio: 1.11 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(272B2B)	Ratio: 1.80 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 7.58 Passed ⁶
Hex(005F6B)	Ratio: 1.08 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 3.90 AA 18pt ²
Hex(00CFEB)	Ratio: 4.21 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 7.58 Passed ⁶	Ratio: 3.90 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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