

Converting Colors - WCAG Matrix

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

Hex(213B3B) Hex(234C4D) Hex(212E3B) Hex(1C1F1F) Hex(005E5E) Hex(00DDDE)

	Hex(213B3B)	Hex(234C4D)	Hex(212E3B)	Hex(1C1F1F)	Hex(005E5E)	Hex(00DDDE)
Hex(213B3B)		Ratio: 1.26 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 7.07 Passed ⁶
Hex(234C4D)	Ratio: 1.26 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴
Hex(212E3B)	Ratio: 1.15 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.16 Passed ⁶
Hex(1C1F1F)	Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 9.80 Passed ⁶
Hex(005E5E)	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.49 AA 18pt ²
Hex(00DDDE)	Ratio: 7.07 Passed ⁶	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 8.16 Passed ⁶	Ratio: 9.80 Passed ⁶	Ratio: 4.49 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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