

Converting Colors - WCAG Matrix

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

Hex(425757) Hex(507070) Hex(424C57) Hex(272B2B) Hex(006B6B) Hex(00EBEB)

	Hex(425757)	Hex(507070)	Hex(424C57)	Hex(272B2B)	Hex(006B6B)	Hex(00EBEB)
Hex(425757)		Ratio: 1.42 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(507070)	Ratio: 1.42 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(424C57)	Ratio: 1.14 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(272B2B)	Ratio: 1.86 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 9.60 Passed ⁶
Hex(006B6B)	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 4.25 AA 18pt ²
Hex(00EBEB)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 9.60 Passed ⁶	Ratio: 4.25 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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