

Converting Colors - WCAG Matrix

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

Hex(405A54) Hex(4D756C) Hex(40535A) Hex(292E2D) Hex(006E54) Hex(00EDB5)

	Hex(405A54)	Hex(4D756C)	Hex(40535A)	Hex(292E2D)	Hex(006E54)	Hex(00EDB5)
Hex(405A54)		Ratio: 1.45 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(4D756C)	Ratio: 1.45 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(40535A)	Ratio: 1.08 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴
Hex(292E2D)	Ratio: 1.84 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 9.05 Passed ⁶
Hex(006E54)	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.10 AA 18pt ²
Hex(00EDB5)	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 9.05 Passed ⁶	Ratio: 4.10 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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