

Converting Colors - WCAG Matrix

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

Hex(005C4A) Hex(007860) Hex(00425C) Hex(292E2D) Hex(006E58) Hex(00EDBD)

	Hex(005C4A)	Hex(007860)	Hex(00425C)	Hex(292E2D)	Hex(006E58)	Hex(00EDBD)
Hex(005C4A)		Ratio: 1.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(007860)	Ratio: 1.47 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(00425C)	Ratio: 1.36 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 7.16 Passed ⁶
Hex(292E2D)	Ratio: 1.73 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 9.09 Passed ⁶
Hex(006E58)	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.11 AA 18pt ²
Hex(00EDBD)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 7.16 Passed ⁶	Ratio: 9.09 Passed ⁶	Ratio: 4.11 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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