

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(004F49) Hex(00665E) Hex(002E4F) Hex(252928) Hex(006960) Hex(00E8D5)

	Hex(004F49)	Hex(00665E)	Hex(002E4F)	Hex(252928)	Hex(006960)	Hex(00E8D5)
Hex(004F49)		Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(00665E)	Ratio: 1.38 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.41 AA 18pt ²
Hex(002E4F)	Ratio: 1.47 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 8.98 Passed ⁶
Hex(252928)	Ratio: 1.55 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 9.47 Passed ⁶
Hex(006960)	Ratio: 1.44 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 4.23 AA 18pt ²
Hex(00E8D5)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 4.41 AA 18pt ²	Ratio: 8.98 Passed ⁶	Ratio: 9.47 Passed ⁶	Ratio: 4.23 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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