

Converting Colors - WCAG Matrix

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

Hex(005E4D) Hex(007A63) Hex(00425E) Hex(2B3030) Hex(00705C) Hex(00F0C2)

	Hex(005E4D)	Hex(007A63)	Hex(00425E)	Hex(2B3030)	Hex(00705C)	Hex(00F0C2)
Hex(005E4D)		Ratio: 1.46 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(007A63)	Ratio: 1.46 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(00425E)	Ratio: 1.40 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 7.34 Passed ⁶
Hex(2B3030)	Ratio: 1.73 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 9.08 Passed ⁶
Hex(00705C)	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.10 AA 18pt ²
Hex(00F0C2)	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 7.34 Passed ⁶	Ratio: 9.08 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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