

Converting Colors - WCAG Matrix

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

Hex(5D705E) Hex(749175) Hex(5D7067) Hex(323833) Hex(007804) Hex(00F709)

	Hex(5D705E)	Hex(749175)	Hex(5D7067)	Hex(323833)	Hex(007804)	Hex(00F709)
Hex(5D705E)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(749175)	Ratio: 1.53 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(5D7067)	Ratio: 1.01 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(323833)	Ratio: 2.26 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 8.18 Passed ⁶
Hex(007804)	Ratio: 1.07 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(00F709)	Ratio: 3.63 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 8.18 Passed ⁶	Ratio: 3.88 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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