

Converting Colors - WCAG Matrix

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

Hex(325F47) Hex(357A55) Hex(325F5D) Hex(2C302E) Hex(007034) Hex(00F070)

	Hex(325F47)	Hex(357A55)	Hex(325F5D)	Hex(2C302E)	Hex(007034)	Hex(00F070)
Hex(325F47)		Ratio: 1.42 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(357A55)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(325F5D)	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(2C302E)	Ratio: 1.82 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.73 Passed ⁶
Hex(007034)	Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.07 AA 18pt ²
Hex(00F070)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 8.73 Passed ⁶	Ratio: 4.07 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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