

Converting Colors - WCAG Matrix

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

Hex(007955) Hex(6F9E90) Hex(247900) Hex(334F47) Hex(CFCFCF) Hex(4F4F4F)

	Hex(007955)	Hex(6F9E90)	Hex(247900)	Hex(334F47)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(007955)		Ratio: 1.80 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(6F9E90)	Ratio: 1.80 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(247900)	Ratio: 1.01 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(334F47)	Ratio: 1.65 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(CFCFCF)	Ratio: 3.49 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.51 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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