

Converting Colors - WCAG Matrix

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

Hex(007300) Hex(699669) Hex(737300) Hex(314D31) Hex(CCCCCC) Hex(4D4D4D)

	Hex(007300)	Hex(699669)	Hex(737300)	Hex(314D31)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(007300)		Ratio: 1.79 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(699669)	Ratio: 1.79 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(737300)	Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(314D31)	Ratio: 1.54 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(CCCCCC)	Ratio: 3.79 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.39 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.11 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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