

Converting Colors - WCAG Matrix

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

Hex(735019) Hex(968974) Hex(73193C) Hex(4D4437) Hex(CCCCCC) Hex(4D4D4D)

	Hex(735019)	Hex(968974)	Hex(73193C)	Hex(4D4437)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(735019)		Ratio: 2.12 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(968974)	Ratio: 2.12 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(73193C)	Ratio: 1.50 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(4D4437)	Ratio: 1.32 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(CCCCCC)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.16 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 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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