

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(107838) Hex(739C83) Hex(507810) Hex(374F40) Hex(CFCFCF) Hex(4F4F4F)

	Hex(107838)	Hex(739C83)	Hex(507810)	Hex(374F40)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(107838)		Ratio: 1.81 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(739C83)	Ratio: 1.81 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(507810)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(374F40)	Ratio: 1.60 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(CFCFCF)	Ratio: 3.58 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.47 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.57 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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