

Converting Colors - WCAG Matrix

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

Hex(157367) Hex(719692) Hex(227315) Hex(364D4A) Hex(CCCCCC) Hex(4D4D4D)

	Hex(157367)	Hex(719692)	Hex(227315)	Hex(364D4A)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(157367)		Ratio: 1.76 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(719692)	Ratio: 1.76 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(227315)	Ratio: 1.04 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(364D4A)	Ratio: 1.59 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(CCCCCC)	Ratio: 3.55 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.48 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.07 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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