

Converting Colors - WCAG Matrix

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

Hex(741B00) Hex(967469) Hex(74005B) Hex(4D3731) Hex(CCCCCC) Hex(4D4D4D)

	Hex(741B00)	Hex(967469)	Hex(74005B)	Hex(4D3731)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(741B00)		Ratio: 2.63 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(967469)	Ratio: 2.63 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(74005B)	Ratio: 1.00 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(4D3731)	Ratio: 1.00 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(CCCCCC)	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 2.62 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.30 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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