

Converting Colors - WCAG Matrix

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

Hex(747600) Hex(98996B) Hex(760200) Hex(4C4D31) Hex(CCCCCC) Hex(4D4D4D)

	Hex(747600)	Hex(98996B)	Hex(760200)	Hex(4C4D31)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(747600)		Ratio: 1.64 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.74 Failed ⁵
Hex(98996B)	Ratio: 1.64 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(760200)	Ratio: 2.44 Failed ⁵	Ratio: 3.99 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 7.35 Passed ⁶	Ratio: 1.40 Failed ⁵
Hex(4C4D31)	Ratio: 1.80 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(CCCCCC)	Ratio: 3.02 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 7.35 Passed ⁶	Ratio: 5.42 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.74 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.03 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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