

Converting Colors - WCAG Matrix

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

Hex(517648) Hex(8A9987) Hex(766D48) Hex(444D42) Hex(CCCCCC) Hex(4D4D4D)

	Hex(517648)	Hex(8A9987)	Hex(766D48)	Hex(444D42)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(517648)		Ratio: 1.73 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(8A9987)	Ratio: 1.73 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(766D48)	Ratio: 1.00 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(444D42)	Ratio: 1.69 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(CCCCCC)	Ratio: 3.24 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.62 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.04 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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