

Converting Colors - WCAG Matrix

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

Hex(6B6557) Hex(8C8A84) Hex(6B575D) Hex(474642) Hex(C7C7C7) Hex(474747)

	Hex(6B6557)	Hex(8C8A84)	Hex(6B575D)	Hex(474642)	Hex(C7C7C7)	Hex(474747)
Hex(6B6557)		Ratio: 1.68 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(8C8A84)	Ratio: 1.68 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(6B575D)	Ratio: 1.15 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(474642)	Ratio: 1.63 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C7C7C7)	Ratio: 3.43 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.60 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.50 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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