

Converting Colors - WCAG Matrix

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

Hex(73635F) Hex(96908F) Hex(735F6F) Hex(4D4948) Hex(CCCCCC) Hex(4D4D4D)

	Hex(73635F)	Hex(96908F)	Hex(735F6F)	Hex(4D4948)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(73635F)		Ratio: 1.82 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(96908F)	Ratio: 1.82 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(735F6F)	Ratio: 1.02 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(4D4948)	Ratio: 1.56 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CCCCCC)	Ratio: 3.55 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.48 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.05 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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