

Converting Colors - WCAG Matrix

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

Hex(775465) Hex(9C8E94) Hex(655477) Hex(4F464B) Hex(CFCFCF) Hex(4F4F4F)

	Hex(775465)	Hex(9C8E94)	Hex(655477)	Hex(4F464B)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(775465)		Ratio: 2.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(9C8E94)	Ratio: 2.07 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(655477)	Ratio: 1.05 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(4F464B)	Ratio: 1.40 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(CFCFCF)	Ratio: 4.16 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.26 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 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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