

Converting Colors - WCAG Matrix

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

Hex(77696B) Hex(9C9596) Hex(756977) Hex(4F4B4C) Hex(CFCFCF) Hex(4F4F4F)

	Hex(77696B)	Hex(9C9596)	Hex(756977)	Hex(4F4B4C)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(77696B)		Ratio: 1.78 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(9C9596)	Ratio: 1.78 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(756977)	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(4F4B4C)	Ratio: 1.64 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CFCFCF)	Ratio: 3.36 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.57 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.58 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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