

Converting Colors - WCAG Matrix

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

Hex(77606F) Hex(9C9298) Hex(686077) Hex(4F4A4D) Hex(CFCFCF) Hex(4F4F4F)

	Hex(77606F)	Hex(9C9298)	Hex(686077)	Hex(4F4A4D)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(77606F)		Ratio: 1.89 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(9C9298)	Ratio: 1.89 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(686077)	Ratio: 1.05 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(4F4A4D)	Ratio: 1.52 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(CFCFCF)	Ratio: 3.66 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.44 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 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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