

Converting Colors - WCAG Matrix

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

Hex(676B75) Hex(939599) Hex(677571) Hex(494A4D) Hex(CCCCCC) Hex(4D4D4D)

	Hex(676B75)	Hex(939599)	Hex(677571)	Hex(494A4D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(676B75)		Ratio: 1.78 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(939599)	Ratio: 1.78 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(677571)	Ratio: 1.11 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.75 Failed ⁵
Hex(494A4D)	Ratio: 1.66 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CCCCCC)	Ratio: 3.32 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.58 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.75 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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