

Converting Colors - WCAG Matrix

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

Hex(743C6A) Hex(968193) Hex(453C74) Hex(4D3F4A) Hex(CCCCCC) Hex(4D4D4D)

	Hex(743C6A)	Hex(968193)	Hex(453C74)	Hex(4D3F4A)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(743C6A)		Ratio: 2.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(968193)	Ratio: 2.26 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(453C74)	Ratio: 1.21 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(4D3F4A)	Ratio: 1.22 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(CCCCCC)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.05 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.17 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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