

Converting Colors - WCAG Matrix

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

Hex(75423A) Hex(998582) Hex(753A6D) Hex(4D413F) Hex(CCCCCC) Hex(4D4D4D)

	Hex(75423A)	Hex(998582)	Hex(753A6D)	Hex(4D413F)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(75423A)		Ratio: 2.32 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(998582)	Ratio: 2.32 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(753A6D)	Ratio: 1.01 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(4D413F)	Ratio: 1.21 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(CCCCCC)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 6.10 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.05 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.16 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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