

Converting Colors - WCAG Matrix

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

Hex(634053) Hex(82747B) Hex(504063) Hex(423A3E) Hex(C2C2C2) Hex(424242)

	Hex(634053)	Hex(82747B)	Hex(504063)	Hex(423A3E)	Hex(C2C2C2)	Hex(424242)
Hex(634053)		Ratio: 1.98 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(82747B)	Ratio: 1.98 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(504063)	Ratio: 1.06 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(423A3E)	Ratio: 1.25 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(C2C2C2)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.14 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.64 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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