

Converting Colors - WCAG Matrix

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

Hex(64003A) Hex(825B72) Hex(2A0064) Hex(422A38) Hex(C2C2C2) Hex(424242)

	Hex(64003A)	Hex(825B72)	Hex(2A0064)	Hex(422A38)	Hex(C2C2C2)	Hex(424242)
Hex(64003A)		Ratio: 2.30 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.35 Passed ⁶	Ratio: 1.30 Failed ⁵
Hex(825B72)	Ratio: 2.30 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.77 Failed ⁵
Hex(2A0064)	Ratio: 1.25 Failed ⁵	Ratio: 2.88 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 9.19 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(422A38)	Ratio: 1.01 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 7.28 Passed ⁶	Ratio: 1.29 Failed ⁵
Hex(C2C2C2)	Ratio: 7.35 Passed ⁶	Ratio: 3.20 AA 18pt ²	Ratio: 9.19 Passed ⁶	Ratio: 7.28 Passed ⁶		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.30 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.29 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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