

Converting Colors - WCAG Matrix

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

Hex(7E1B30) Hex(A30A2B) Hex(7E371B) Hex(40393B) Hex(80001B) Hex(000000)

	Hex(7E1B30)	Hex(A30A2B)	Hex(7E371B)	Hex(40393B)	Hex(80001B)	Hex(000000)
Hex(7E1B30)		Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(A30A2B)	Ratio: 1.26 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(7E371B)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(40393B)	Ratio: 1.12 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(80001B)	Ratio: 1.08 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 2.09 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.93 Failed ⁵	

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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