

Converting Colors - WCAG Matrix

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

Hex(7E405C) Hex(A3436F) Hex(7E4240) Hex(40393C) Hex(80003B) Hex(000000)

	Hex(7E405C)	Hex(A3436F)	Hex(7E4240)	Hex(40393C)	Hex(80003B)	Hex(000000)
Hex(7E405C)		Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(A3436F)	Ratio: 1.29 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(7E4240)	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(40393C)	Ratio: 1.49 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(80003B)	Ratio: 1.40 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(000000)	Ratio: 2.77 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.98 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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