

Converting Colors - WCAG Matrix

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

Hex(7E6B8A) Hex(A082B3) Hex(8A6B87) Hex(423E45) Hex(510085) Hex(030005)

	Hex(7E6B8A)	Hex(A082B3)	Hex(8A6B87)	Hex(423E45)	Hex(510085)	Hex(030005)
Hex(7E6B8A)		Ratio: 1.45 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(A082B3)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(8A6B87)	Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(423E45)	Ratio: 2.17 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.26 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(510085)	Ratio: 2.58 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(030005)	Ratio: 4.33 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 1.68 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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