

Converting Colors - WCAG Matrix

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

Hex(7F6F82) Hex(A48AA8) Hex(826F7B) Hex(413C42) Hex(710082) Hex(020003)

	Hex(7F6F82)	Hex(A48AA8)	Hex(826F7B)	Hex(413C42)	Hex(710082)	Hex(020003)
Hex(7F6F82)		Ratio: 1.51 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(A48AA8)	Ratio: 1.51 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 6.75 AA ¹ AAA 18pt ⁴
Hex(826F7B)	Ratio: 1.00 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(413C42)	Ratio: 2.31 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.31 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(710082)	Ratio: 2.22 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(020003)	Ratio: 4.48 AA 18pt ²	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.02 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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