

Converting Colors - WCAG Matrix

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

Hex(726C7E) Hex(9187A3) Hex(7B6C7E) Hex(3C3940) Hex(2B0080) Hex(000000)

	Hex(726C7E)	Hex(9187A3)	Hex(7B6C7E)	Hex(3C3940)	Hex(2B0080)	Hex(000000)
Hex(726C7E)		Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(9187A3)	Ratio: 1.49 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(7B6C7E)	Ratio: 1.03 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 4.29 AA 18pt ²
Hex(3C3940)	Ratio: 2.25 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(2B0080)	Ratio: 2.94 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(000000)	Ratio: 4.16 AA 18pt ²	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.41 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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