

Converting Colors - WCAG Matrix

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

Hex(7B7380) Hex(9E92A6) Hex(80737F) Hex(3D3940) Hex(4E0080) Hex(000000)

	Hex(7B7380)	Hex(9E92A6)	Hex(80737F)	Hex(3D3940)	Hex(4E0080)	Hex(000000)
Hex(7B7380)		Ratio: 1.54 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(9E92A6)	Ratio: 1.54 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 7.12 Passed ⁶
Hex(80737F)	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(3D3940)	Ratio: 2.48 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(4E0080)	Ratio: 2.82 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(000000)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 7.12 Passed ⁶	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.86 Failed ⁵	Ratio: 1.64 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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