

Converting Colors - WCAG Matrix

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

Hex(7E7879) Hex(A3999B) Hex(7E7A78) Hex(403B3C) Hex(800015) Hex(000000)

	Hex(7E7879)	Hex(A3999B)	Hex(7E7A78)	Hex(403B3C)	Hex(800015)	Hex(000000)
Hex(7E7879)		Ratio: 1.56 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(A3999B)	Ratio: 1.56 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 7.59 Passed ⁶
Hex(7E7A78)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(403B3C)	Ratio: 2.54 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(800015)	Ratio: 2.51 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 1.93 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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