

Converting Colors - WCAG Matrix

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

Hex(7F7375) Hex(A69295) Hex(737B7F) Hex(40393B) Hex(7F0017) Hex(000000)

	Hex(7F7375)	Hex(A69295)	Hex(737B7F)	Hex(40393B)	Hex(7F0017)	Hex(000000)
Hex(7F7375)		Ratio: 1.55 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(A69295)	Ratio: 1.55 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 7.17 Passed ⁶
Hex(737B7F)	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(40393B)	Ratio: 2.47 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.61 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(7F0017)	Ratio: 2.41 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(000000)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.87 Failed ⁵	Ratio: 1.91 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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