

Converting Colors - WCAG Matrix

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

Hex(7D7E87) Hex(A0A2B0) Hex(817D87) Hex(3C3C42) Hex(000C82) Hex(000003)

	Hex(7D7E87)	Hex(A0A2B0)	Hex(817D87)	Hex(3C3C42)	Hex(000C82)	Hex(000003)
Hex(7D7E87)		Ratio: 1.59 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(A0A2B0)	Ratio: 1.59 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 8.28 Passed ⁶
Hex(817D87)	Ratio: 1.00 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(3C3C42)	Ratio: 2.72 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(000C82)	Ratio: 3.79 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵
Hex(000003)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 8.28 Passed ⁶	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 1.37 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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