

Converting Colors - WCAG Matrix

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

Hex(797882) Hex(9B99A8) Hex(7E7882) Hex(3A3940) Hex(0D0080) Hex(000000)

	Hex(797882)	Hex(9B99A8)	Hex(7E7882)	Hex(3A3940)	Hex(0D0080)	Hex(000000)
Hex(797882)		Ratio: 1.56 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(9B99A8)	Ratio: 1.56 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶
Hex(7E7882)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(3A3940)	Ratio: 2.62 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(0D0080)	Ratio: 3.63 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(000000)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.84 Failed ⁵	Ratio: 1.33 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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