

Converting Colors - WCAG Matrix

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

Hex(7D8097) Hex(9BA0C4) Hex(877D97) Hex(45464D) Hex(00108C) Hex(00010D)

	Hex(7D8097)	Hex(9BA0C4)	Hex(877D97)	Hex(45464D)	Hex(00108C)	Hex(00010D)
Hex(7D8097)		Ratio: 1.52 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(9BA0C4)	Ratio: 1.52 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 8.14 Passed ⁶
Hex(877D97)	Ratio: 1.00 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(45464D)	Ratio: 2.42 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(00108C)	Ratio: 3.72 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 1.54 Failed ⁵		Ratio: 1.44 Failed ⁵
Hex(00010D)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 8.14 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 1.44 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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