

Converting Colors - WCAG Matrix

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

Hex(878C99) Hex(ABB3C7) Hex(8B8799) Hex(45474D) Hex(00278C) Hex(00040D)

	Hex(878C99)	Hex(ABB3C7)	Hex(8B8799)	Hex(45474D)	Hex(00278C)	Hex(00040D)
Hex(878C99)		Ratio: 1.60 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(ABB3C7)	Ratio: 1.60 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶
Hex(8B8799)	Ratio: 1.04 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(45474D)	Ratio: 2.76 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(00278C)	Ratio: 3.74 AA 18pt ²	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(00040D)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 1.63 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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