

Converting Colors - WCAG Matrix

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

Hex(248F99) Hex(10B8C7) Hex(245799) Hex(454C4D) Hex(00818C) Hex(000C0D)

	Hex(248F99)	Hex(10B8C7)	Hex(245799)	Hex(454C4D)	Hex(00818C)	Hex(000C0D)
Hex(248F99)		Ratio: 1.59 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(10B8C7)	Ratio: 1.59 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 8.22 Passed ⁶
Hex(245799)	Ratio: 1.89 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(454C4D)	Ratio: 2.28 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(00818C)	Ratio: 1.21 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 4.27 AA 18pt ²
Hex(000C0D)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 8.22 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.27 AA 18pt ²	

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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