

Converting Colors - WCAG Matrix

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

Hex(5E949B) Hex(6BBFC9) Hex(5E769B) Hex(454C4D) Hex(007C8C) Hex(000B0D)

	Hex(5E949B)	Hex(6BBFC9)	Hex(5E769B)	Hex(454C4D)	Hex(007C8C)	Hex(000B0D)
Hex(5E949B)		Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(6BBFC9)	Ratio: 1.60 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 9.42 Passed ⁶
Hex(5E769B)	Ratio: 1.36 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.31 AA 18pt ²
Hex(454C4D)	Ratio: 2.58 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 1.90 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(007C8C)	Ratio: 1.45 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 4.04 AA 18pt ²
Hex(000B0D)	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 9.42 Passed ⁶	Ratio: 4.31 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 4.04 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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