

Converting Colors - WCAG Matrix

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

Hex(67898B) Hex(7DB2B5) Hex(67778B) Hex(3E4445) Hex(007D85) Hex(000505)

	Hex(67898B)	Hex(7DB2B5)	Hex(67778B)	Hex(3E4445)	Hex(007D85)	Hex(000505)
Hex(67898B)		Ratio: 1.61 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴
Hex(7DB2B5)	Ratio: 1.61 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 8.70 Passed ⁶
Hex(67778B)	Ratio: 1.20 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(3E4445)	Ratio: 2.61 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 2.17 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(007D85)	Ratio: 1.29 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 4.17 AA 18pt ²
Hex(000505)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 8.70 Passed ⁶	Ratio: 4.48 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 4.17 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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