

Converting Colors - WCAG Matrix

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

Hex(91A7B8) Hex(B4D6F0) Hex(9194B8) Hex(53585C) Hex(00589C) Hex(00101C)

	Hex(91A7B8)	Hex(B4D6F0)	Hex(9194B8)	Hex(53585C)	Hex(00589C)	Hex(00101C)
Hex(91A7B8)		Ratio: 1.64 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 7.72 Passed ⁶
Hex(B4D6F0)	Ratio: 1.64 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 12.67 Passed ⁶
Hex(9194B8)	Ratio: 1.18 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(53585C)	Ratio: 2.89 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(00589C)	Ratio: 2.93 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(00101C)	Ratio: 7.72 Passed ⁶	Ratio: 12.67 Passed ⁶	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.64 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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