

Converting Colors - WCAG Matrix

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

Hex(A1ABB2) Hex(CFDEE8) Hex(A1A3B2) Hex(505659) Hex(005A99) Hex(000F1A)

	Hex(A1ABB2)	Hex(CFDEE8)	Hex(A1A3B2)	Hex(505659)	Hex(005A99)	Hex(000F1A)
Hex(A1ABB2)		Ratio: 1.70 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 8.29 Passed ⁶
Hex(CFDEE8)	Ratio: 1.70 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 14.09 Passed ⁶
Hex(A1A3B2)	Ratio: 1.07 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 7.75 Passed ⁶
Hex(505659)	Ratio: 3.19 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(005A99)	Ratio: 3.07 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(000F1A)	Ratio: 8.29 Passed ⁶	Ratio: 14.09 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 2.60 Failed ⁵	Ratio: 2.70 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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