

Converting Colors - WCAG Matrix

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

Hex(9AA9BB) Hex(BFD7F2) Hex(9B9ABB) Hex(55595E) Hex(00489E) Hex(000E1F)

	Hex(9AA9BB)	Hex(BFD7F2)	Hex(9B9ABB)	Hex(55595E)	Hex(00489E)	Hex(000E1F)
Hex(9AA9BB)		Ratio: 1.62 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 8.10 Passed ⁶
Hex(BFD7F2)	Ratio: 1.62 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 13.13 Passed ⁶
Hex(9B9ABB)	Ratio: 1.13 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 7.14 Passed ⁶
Hex(55595E)	Ratio: 2.95 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(00489E)	Ratio: 3.62 AA 18pt ²	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(000E1F)	Ratio: 8.10 Passed ⁶	Ratio: 13.13 Passed ⁶	Ratio: 7.14 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 2.24 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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