

Converting Colors - WCAG Matrix

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

Hex(8C8D91) Hex(FFFFFF) Hex(C1C2C7) Hex(DDDEE3) Hex(F9FBFF)

Hex(8C8D91)		Ratio: 3.32 AA 18pt²	Ratio: 1.86 Failed⁵	Ratio: 2.47 Failed⁵	Ratio: 3.20 AA 18pt²
Hex(FFFFFF)	Ratio: 3.32 AA 18pt²		Ratio: 1.78 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.04 Failed⁵
Hex(C1C2C7)	Ratio: 1.86 Failed⁵	Ratio: 1.78 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.72 Failed⁵
Hex(DDDEE3)	Ratio: 2.47 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.30 Failed⁵
Hex(F9FBFF)	Ratio: 3.20 AA 18pt²	Ratio: 1.04 Failed⁵	Ratio: 1.72 Failed⁵	Ratio: 1.30 Failed⁵	

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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