

Converting Colors - WCAG Matrix

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

Hex(869393) Hex(FFFFFF) Hex(BBC9C9) Hex(D7E5E5) Hex(F3FFFF)

Hex(869393)		Ratio: 3.18 AA 18pt²	Ratio: 1.86 Failed⁵	Ratio: 2.46 Failed⁵	Ratio: 3.11 AA 18pt²
Hex(FFFFFF)	Ratio: 3.18 AA 18pt²		Ratio: 1.71 Failed⁵	Ratio: 1.29 Failed⁵	Ratio: 1.02 Failed⁵
Hex(BBC9C9)	Ratio: 1.86 Failed⁵	Ratio: 1.71 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.67 Failed⁵
Hex(D7E5E5)	Ratio: 2.46 Failed⁵	Ratio: 1.29 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.27 Failed⁵
Hex(F3FFFF)	Ratio: 3.11 AA 18pt²	Ratio: 1.02 Failed⁵	Ratio: 1.67 Failed⁵	Ratio: 1.27 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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