

Converting Colors - WCAG Matrix

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

Hex(87858F) Hex(A19FA9) Hex(BCBAC5) Hex(D8D6E1) Hex(F4F2FD) Hex(FFFFFF)

	Hex(87858F)	Hex(A19FA9)	Hex(BCBAC5)	Hex(D8D6E1)	Hex(F4F2FD)	Hex(FFFFFF)
Hex(87858F)		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.63 AA 18pt ²
Hex(A19FA9)	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(BCBAC5)	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(D8D6E1)	Ratio: 2.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(F4F2FD)	Ratio: 3.28 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 3.63 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 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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