

Converting Colors - WCAG Matrix

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

Hex(BEC6DA) Hex(F5F8FF) Hex(BEDAD2) Hex(797B80) Hex(000000) Hex(808080)

	Hex(BEC6DA)	Hex(F5F8FF)	Hex(BEDAD2)	Hex(797B80)	Hex(000000)	Hex(808080)
Hex(BEC6DA)		Ratio: 1.61 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 12.28 Passed ⁶	Ratio: 2.31 Failed ⁵
Hex(F5F8FF)	Ratio: 1.61 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.75 Passed ⁶	Ratio: 3.72 AA 18pt ²
Hex(BEDAD2)	Ratio: 1.15 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 14.15 Passed ⁶	Ratio: 2.66 Failed ⁵
Hex(797B80)	Ratio: 2.48 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 12.28 Passed ⁶	Ratio: 19.75 Passed ⁶	Ratio: 14.15 Passed ⁶	Ratio: 4.96 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.31 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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