

Converting Colors - WCAG Matrix

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

Hex(B2C5CE) Hex(F5FCFF) Hex(B2CEBB) Hex(797D80) Hex(000000) Hex(808080)

	Hex(B2C5CE)	Hex(F5FCFF)	Hex(B2CEBB)	Hex(797D80)	Hex(000000)	Hex(808080)
Hex(B2C5CE)		Ratio: 1.72 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 11.77 Passed ⁶	Ratio: 2.21 Failed ⁵
Hex(F5FCFF)	Ratio: 1.72 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 20.25 Passed ⁶	Ratio: 3.81 AA 18pt ²
Hex(B2CEBB)	Ratio: 1.06 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 12.44 Passed ⁶	Ratio: 2.34 Failed ⁵
Hex(797D80)	Ratio: 2.33 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 11.77 Passed ⁶	Ratio: 20.25 Passed ⁶	Ratio: 12.44 Passed ⁶	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.21 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.05 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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