

Converting Colors - WCAG Matrix

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

Hex(000CBC) Hex(ABB0F5) Hex(00BCAF) Hex(4E517A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(000CBC)	Hex(ABB0F5)	Hex(00BCAF)	Hex(4E517A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(000CBC)		Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 11.31 Passed ⁶	Ratio: 2.75 Failed ⁵
Hex(ABB0F5)	Ratio: 5.77 AA ¹ AAA 18pt ⁴		Ratio: 1.16 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(00BCAF)	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(4E517A)	Ratio: 1.56 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 3.17 AA 18pt ²		Ratio: 7.23 Passed ⁶	Ratio: 1.76 Failed ⁵
Hex(FAFAFA)	Ratio: 11.31 Passed ⁶	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 7.23 Passed ⁶		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 2.75 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.11 AA 18pt ²	

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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