

Converting Colors - WCAG Matrix

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

Hex(BCBCC2) Hex(FAFAFC) Hex(BCC2C2) Hex(7E7E80) Hex(000000) Hex(808080)

	Hex(BCBCC2)	Hex(FAFAFC)	Hex(BCC2C2)	Hex(7E7E80)	Hex(000000)	Hex(808080)
Hex(BCBCC2)		Ratio: 1.81 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 11.11 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(FAFAFC)	Ratio: 1.81 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 20.14 Passed ⁶	Ratio: 3.79 AA 18pt ²
Hex(BCC2C2)	Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 11.63 Passed ⁶	Ratio: 2.19 Failed ⁵
Hex(7E7E80)	Ratio: 2.14 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.24 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 11.11 Passed ⁶	Ratio: 20.14 Passed ⁶	Ratio: 11.63 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.09 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.03 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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