

Converting Colors - WCAG Matrix

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

Hex(F2F2F0) Hex(FFFFFFC) Hex(F1F2F0) Hex(7A7A79) Hex(BABA00) Hex(3B3B00)

	Hex(F2F2F0)	Hex(FFFFFFC)	Hex(F1F2F0)	Hex(7A7A79)	Hex(BABA00)	Hex(3B3B00)
Hex(F2F2F0)		Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 10.34 Passed ⁶
Hex(FFFFFFC)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 11.57 Passed ⁶
Hex(F1F2F0)	Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.83 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 10.32 Passed ⁶
Hex(7A7A79)	Ratio: 3.83 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 3.83 AA 18pt ²		Ratio: 2.07 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(BABA00)	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(3B3B00)	Ratio: 10.34 Passed ⁶	Ratio: 11.57 Passed ⁶	Ratio: 10.32 Passed ⁶	Ratio: 2.70 Failed ⁵	Ratio: 5.58 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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