

Converting Colors - WCAG Matrix

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

	Hex(282A2C)	Hex(FCFFFF)	Hex(555859)	Hex(6D7072)	Hex(86898B)	Hex(A0A4A6)	Hex(BBBFC1)	Hex(D7DADD)	Hex(F3F7F9)
Hex(282A2C)		Ratio: 14.33 Passed ⁶	Ratio: 2.01 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.78 Passed ⁶	Ratio: 10.26 Passed ⁶	Ratio: 13.36 Passed ⁶
Hex(FCFFFF)	Ratio: 14.33 Passed ⁶		Ratio: 7.14 Passed ⁶	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(555859)	Ratio: 2.01 Failed ⁵	Ratio: 7.14 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(6D7072)	Ratio: 2.89 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(86898B)	Ratio: 4.09 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(A0A4A6)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(BBBFC1)	Ratio: 7.78 Passed ⁶	Ratio: 1.84 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(D7DADD)	Ratio: 10.26 Passed ⁶	Ratio: 1.40 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(F3F7F9)	Ratio: 13.36 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵	

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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