

Converting Colors - WCAG Matrix

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

	Hex(2A2C30)	Hex(FDFFFF)	Hex(575A5E)	Hex(707277)	Hex(898B90)	Hex(A3A6AB)	Hex(BEC1C6)	Hex(DADDE2)	Hex(F7F9FF)
Hex(2A2C30)		Ratio: 13.94 Passed ⁶	Ratio: 2.02 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 13.29 Passed ⁶
Hex(FDFFFF)	Ratio: 13.94 Passed ⁶		Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.40 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(575A5E)	Ratio: 2.02 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(707277)	Ratio: 2.91 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(898B90)	Ratio: 4.10 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(A3A6AB)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(BEC1C6)	Ratio: 7.75 Passed ⁶	Ratio: 1.80 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(DADDE2)	Ratio: 10.27 Passed ⁶	Ratio: 1.36 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(F7F9FF)	Ratio: 13.29 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 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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