

Converting Colors - WCAG Matrix

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

	Hex(343040)	Hex(FFFFFF)	Hex(635E70)	Hex(7C7789)	Hex(9590A3)	Hex(B0ABBF)	Hex(CCC6DA)	Hex(E8E2F7)
Hex(343040)		Ratio: 12.78 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 10.14 Passed ⁶
Hex(FFFFFF)	Ratio: 12.78 Passed ⁶		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(635E70)	Ratio: 2.05 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(7C7789)	Ratio: 2.96 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(9590A3)	Ratio: 4.14 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(B0ABBF)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(CCC6DA)	Ratio: 7.70 Passed ⁶	Ratio: 1.66 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E8E2F7)	Ratio: 10.14 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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.

This PDF was generated on convertingcolors.com.