

Converting Colors - WCAG Matrix

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

Hex(52474A) Hex(FFFFFF) Hex(83777B) Hex(9E9194) Hex(B8ACAF) Hex(D4C7CA) Hex(F1E3E6)

	Hex(52474A)	Hex(FFFFFF)	Hex(83777B)	Hex(9E9194)	Hex(B8ACAF)	Hex(D4C7CA)	Hex(F1E3E6)
Hex(52474A)		Ratio: 8.90 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶
Hex(FFFFFF)	Ratio: 8.90 Passed ⁶		Ratio: 4.29 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(83777B)	Ratio: 2.07 Failed ⁵	Ratio: 4.29 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(9E9194)	Ratio: 2.94 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(B8ACAF)	Ratio: 4.05 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(D4C7CA)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.64 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(F1E3E6)	Ratio: 7.15 Passed ⁶	Ratio: 1.24 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.43 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.

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