

Converting Colors - WCAG Matrix

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

	Hex(562B2B)	Hex(FFFFFF)	Hex(8A5A58)	Hex(A57271)	Hex(C18C8A)	Hex(DDA7A4)	Hex(FAC2C0)	Hex(FFDEDB)	Hex(FFFBF8)
Hex(562B2B)		Ratio: 11.82 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.62 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 11.49 Passed ⁶
Hex(FFFFFF)	Ratio: 11.82 Passed ⁶		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(8A5A58)	Ratio: 2.07 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(A57271)	Ratio: 2.95 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(C18C8A)	Ratio: 4.16 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(DDA7A4)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FAC2C0)	Ratio: 7.62 Passed ⁶	Ratio: 1.55 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFDEDB)	Ratio: 9.42 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFBF8)	Ratio: 11.49 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 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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