

Converting Colors - WCAG Matrix

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

Hex(6D7F54) Hex(FFFFFF) Hex(A1B486) Hex(BCCFA0) Hex(D8ECBB) Hex(F5FFD7) Hex(FFFFF4)

	Hex(6D7F54)	Hex(FFFFFF)	Hex(A1B486)	Hex(BCCFA0)	Hex(D8ECBB)	Hex(F5FFD7)	Hex(FFFFF4)
Hex(6D7F54)		Ratio: 4.36 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 4.33 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.36 AA 18pt ²		Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A1B486)	Ratio: 1.95 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(BCCFA0)	Ratio: 2.61 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(D8ECBB)	Ratio: 3.46 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(F5FFD7)	Ratio: 4.19 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFF4)	Ratio: 4.33 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 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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