

Converting Colors - WCAG Matrix

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

Hex(A54976) Hex(FFFFFF) Hex(DE7DAA) Hex(FC98C5) Hex(FFB4E1) Hex(FFD0FE) Hex(FFEDFF)

	Hex(A54976)	Hex(FFFFFF)	Hex(DE7DAA)	Hex(FC98C5)	Hex(FFB4E1)	Hex(FFD0FE)	Hex(FFEDFF)
Hex(A54976)		Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.51 AA ¹ AAA 18pt ⁴		Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(DE7DAA)	Ratio: 2.00 Failed ⁵	Ratio: 2.76 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(FC98C5)	Ratio: 2.74 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFB4E1)	Ratio: 3.37 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFD0FE)	Ratio: 4.12 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEDFF)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 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.