

Converting Colors - WCAG Matrix

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

	Hex(798AC5)	Hex(8D9AC5)	Hex(A0A9C5)	Hex(B4B8C5)	Hex(C8C7C5)	Hex(DCD7C5)	Hex(EFE6C5)	Hex(FFF5C5)	Hex(FFFC5)
Hex(798AC5)		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.26 AA 18pt ²
Hex(8D9AC5)	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(A0A9C5)	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(B4B8C5)	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(C8C7C5)	Ratio: 1.99 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(DCD7C5)	Ratio: 2.33 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(EFE6C5)	Ratio: 2.69 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FFF5C5)	Ratio: 3.06 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FFFC5)	Ratio: 3.26 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.07 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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