

Converting Colors - WCAG Matrix

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

	Hex(B2834C)	Hex(CF9D65)	Hex(ECB87E)	Hex(FFD499)	Hex(FFF0B4)	Hex(FFFFCF)	Hex(FFFFEC)	Hex(FFFFFF)
Hex(B2834C)		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 3.36 AA 18pt ²
Hex(CF9D65)	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(ECB87E)	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFD499)	Ratio: 2.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(FFF0B4)	Ratio: 2.94 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FFFFCF)	Ratio: 3.28 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFEC)	Ratio: 3.33 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 3.36 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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