

Converting Colors - WCAG Matrix

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

	Hex(CF0026)	Hex(CF1537)	Hex(CF2948)	Hex(CF3E59)	Hex(CF536A)	Hex(CF687A)	Hex(CF7C8B)	Hex(CF919C)	Hex(CFA6AD)	Hex(CFBABE)
Hex(CF0026)		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(CF1537)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(CF2948)	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(CF3E59)	Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(CF536A)	Ratio: 1.39 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(CF687A)	Ratio: 1.61 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(CF7C8B)	Ratio: 1.88 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(CF919C)	Ratio: 2.22 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(CFA6AD)	Ratio: 2.64 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(CFBABE)	Ratio: 3.10 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 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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