

Converting Colors - WCAG Matrix

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

	Hex(63B4CF)	Hex(78B9CF)	Hex(8CBECF)	Hex(A1C4CF)	Hex(B6C9CF)	Hex(CBCECF)	Hex(DFD3CF)	Hex(F4D8CF)	Hex(FFDDCF)	Hex(FFE3CF)
Hex(63B4CF)		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(78B9CF)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(8CBECF)	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(A1C4CF)	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(B6C9CF)	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(CBCECF)	Ratio: 1.48 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(DFD3CF)	Ratio: 1.60 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(F4D8CF)	Ratio: 1.74 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FFDDCF)	Ratio: 1.84 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFE3CF)	Ratio: 1.91 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 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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