

Converting Colors - WCAG Matrix

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

	Hex(A4B3B8)	Hex(B6B8B8)	Hex(C9BCB8)	Hex(DBC1B8)	Hex(EEC5B8)	Hex(FFCAB8)	Hex(FFCFB8)	Hex(FFD3B8)	Hex(FFD8B8)	Hex(FFDCB8)
Hex(A4B3B8)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(B6B8B8)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(C9BCB8)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(DBC1B8)	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(EEC5B8)	Ratio: 1.37 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFCAB8)	Ratio: 1.48 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FFCFB8)	Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FFD3B8)	Ratio: 1.57 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFD8B8)	Ratio: 1.62 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFDCB8)	Ratio: 1.66 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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