

Converting Colors - WCAG Matrix

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

	Hex(8FBDD4)	Hex(A4C4D4)	Hex(B9CBD4)	Hex(CFD2D4)	Hex(E4D9D4)	Hex(F9E0D4)	Hex(FFE7D4)	Hex(FFEED4)	Hex(FFF6D4)	Hex(FFD4D4)
Hex(8FBDD4)		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(A4C4D4)	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(B9CBD4)	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(CFD2D4)	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(E4D9D4)	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(F9E0D4)	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFE7D4)	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(FFEED4)	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FFF6D4)	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFD4D4)	Ratio: 1.95 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.15 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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