

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(9BC1D9)	Hex(B1C9D9)	Hex(C6D2D9)	Hex(DCDAD9)	Hex(F2E3D9)	Hex(FFEBD9)	Hex(FFF3D9)	Hex(FFFC9D9)	Hex(FFFFD9)
Hex(9BC1D9)		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(B1C9D9)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(C6D2D9)	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(DCDAD9)	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(F2E3D9)	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFEBD9)	Ratio: 1.65 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFF3D9)	Ratio: 1.73 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FFFC9D9)	Ratio: 1.83 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFD9)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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