

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(8B98B8)	Hex(9DA5B8)	Hex(B0B2B8)	Hex(C2BFB8)	Hex(D5CCB8)	Hex(E7D9B8)	Hex(F9E7B8)	Hex(FFF4B8)	Hex(FFFFB8)
Hex(8B98B8)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(9DA5B8)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(B0B2B8)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(C2BFB8)	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(D5CCB8)	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(E7D9B8)	Ratio: 2.06 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(F9E7B8)	Ratio: 2.36 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFF4B8)	Ratio: 2.59 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FFFFB8)	Ratio: 2.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 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.