

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(989898)	Hex(A698A8)	Hex(B498B7)	Hex(C298C6)	Hex(CF98D5)	Hex(DD98E5)	Hex(EB98F4)	Hex(F998FF)	Hex(FF98FF)
Hex(989898)		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(A698A8)	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(B498B7)	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(C298C6)	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(CF98D5)	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(DD98E5)	Ratio: 1.33 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(EB98F4)	Ratio: 1.42 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(F998FF)	Ratio: 1.51 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FF98FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 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.