Converting Colors - WCAG Matrix

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

	Hex(90961A)	Hex(ADB138)	Hex(C9CC53)	Hex(E7E96E)	Hex(FFFF89)	Hex(FFFFA5)	Hex(FFFFC1)	Hex(FFFFDD)	Hex(FFFFFB)	Hex(FFFFFF)
Hex(90961A)		Ratio: 1.39 Failed [5]	Ratio: 1.87 Failed [5]	Ratio: 2.48 Failed [5]	Ratio: 3.03 AA 18pt [2]	Ratio: 3.06 AA 18pt [2]	Ratio: 3.10 AA 18pt [2]	Ratio: 3.14 AA 18pt [2]	Ratio: 3.19 AA 18pt [2]	Ratio: 3.20 AA 18pt [2]
Hex(ADB138)	Ratio: 1.39 Failed [5]		Ratio: 1.34 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 2.18 Failed [5]	Ratio: 2.20 Failed [5]	Ratio: 2.23 Failed [5]	Ratio: 2.26 Failed [5]	Ratio: 2.30 Failed [5]	Ratio: 2.30 Failed [5]
Hex(C9CC53)	Ratio: 1.87 Failed [5]	Ratio: 1.34 Failed [5]		Ratio: 1.33 Failed [5]	Ratio: 1.63 Failed [5]	Ratio: 1.64 Failed [5]	Ratio: 1.66 Failed [5]	Ratio: 1.68 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.71 Failed [5]
Hex(E7E96E)	Ratio: 2.48 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 1.33 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.23 Failed [5]	Ratio: 1.25 Failed [5]	Ratio: 1.27 Failed [5]	Ratio: 1.29 Failed [5]	Ratio: 1.29 Failed [5]
Hex(FFFF89)	Ratio: 3.03 AA 18pt [2]	Ratio: 2.18 Failed [5]	Ratio: 1.63 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.05 Failed [5]
Hex(FFFFA5)	Ratio: 3.06 AA 18pt [2]	Ratio: 2.20 Failed [5]	Ratio: 1.64 Failed [5]	Ratio: 1.23 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.04 Failed [5]
Hex(FFFFC1)	Ratio: 3.10 AA 18pt [2]	Ratio: 2.23 Failed [5]	Ratio: 1.66 Failed [5]	Ratio: 1.25 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]
Hex(FFFFDD)	Ratio: 3.14 AA 18pt [2]	Ratio: 2.26 Failed [5]	Ratio: 1.68 Failed [5]	Ratio: 1.27 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]
Hex(FFFFFB)	Ratio: 3.19 AA 18pt [2]	Ratio: 2.30 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.29 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]		Ratio: 1.00 Failed [5]
Hex(FFFFFF)	Ratio: 3.20 AA 18pt [2]	Ratio: 2.30 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.29 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.00 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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