Converting Colors - WCAG Matrix

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

	Hex(009928)	Hex(0F9933)	Hex(1F993E)	Hex(2E994A)	Hex(3D9955)	Hex(4D9960)	Hex(5C996C)	Hex(6B9977)	Hex(7A9982)	Hex(8A998E)
Hex(009928)		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.15 Failed [5]	Ratio: 1.20 Failed [5]	Ratio: 1.26 Failed [5]
Hex(0F9933)	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.15 Failed [5]	Ratio: 1.19 Failed [5]	Ratio: 1.25 Failed [5]
Hex(1F993E)	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.13 Failed [5]	Ratio: 1.18 Failed [5]	Ratio: 1.24 Failed [5]
Hex(2E994A)	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 1.16 Failed [5]	Ratio: 1.22 Failed [5]
Hex(3D9955)	Ratio: 1.05 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.02 Failed [5]		Ratio: 1.03 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.14 Failed [5]	Ratio: 1.19 Failed [5]
Hex(4D9960)	Ratio: 1.08 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.03 Failed [5]		Ratio: 1.03 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.16 Failed [5]
Hex(5C996C)	Ratio: 1.11 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.03 Failed [5]		Ratio: 1.04 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.13 Failed [5]
Hex(6B9977)	Ratio: 1.15 Failed [5]	Ratio: 1.15 Failed [5]	Ratio: 1.13 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.04 Failed [5]		Ratio: 1.04 Failed [5]	Ratio: 1.09 Failed [5]
Hex(7A9982)	Ratio: 1.20 Failed [5]	Ratio: 1.19 Failed [5]	Ratio: 1.18 Failed [5]	Ratio: 1.16 Failed [5]	Ratio: 1.14 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.04 Failed [5]		Ratio: 1.05 Failed [5]
Hex(8A998E)	Ratio: 1.26 Failed [5]	Ratio: 1.25 Failed [5]	Ratio: 1.24 Failed [5]	Ratio: 1.22 Failed [5]	Ratio: 1.19 Failed [5]	Ratio: 1.16 Failed [5]	Ratio: 1.13 Failed [5]	Ratio: 1.09 Failed [5]	Ratio: 1.05 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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