Converting Colors - WCAG Matrix

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

	Hex(5A7400)	Hex(5D740C)	Hex(5F7417)	Hex(627423)	Hex(64742E)	Hex(67743A)	Hex(6A7446)	Hex(6C7451)	Hex(6F745D)	Hex(717468)
Hex(5A7400)		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.12 Failed [5]
Hex(5D740C)	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.09 Failed [5]	Ratio: 1.11 Failed [5]
Hex(5F7417)	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.10 Failed [5]
Hex(627423)	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.09 Failed [5]
Hex(64742E)	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.08 Failed [5]
Hex(67743A)	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.06 Failed [5]
Hex(6A7446)	Ratio: 1.07 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.05 Failed [5]
Hex(6C7451)	Ratio: 1.08 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]
Hex(6F745D)	Ratio: 1.10 Failed [5]	Ratio: 1.09 Failed [5]	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: 1.02 Failed [5]		Ratio: 1.02 Failed [5]
Hex(717468)	Ratio: 1.12 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.10 Failed [5]	Ratio: 1.09 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.05 Failed [5]	Ratio: 1.03 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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