Converting Colors - WCAG Matrix

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

	Hex(7EC88A)	Hex(E3FFE7)	Hex(BDC87E)	Hex(6F8072)	Hex(000000)	Hex(808080)
Hex(7EC88A)		Ratio: 1.88 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 2.10 Failed [5]	Ratio: 10.52 Passed [6]	Ratio: 1.98 Failed [5]
Hex(E3FFE7)	Ratio: 1.88 Failed [5]		Ratio: 1.68 Failed [5]	Ratio: 3.94 AA 18pt [2]	Ratio: 19.72 Passed [6]	Ratio: 3.71 AA 18pt [2]
Hex(BDC87E)	Ratio: 1.12 Failed [5]	Ratio: 1.68 Failed [5]		Ratio: 2.34 Failed [5]	Ratio: 11.73 Passed [6]	Ratio: 2.21 Failed [5]
Hex(6F8072)	Ratio: 2.10 Failed [5]	Ratio: 3.94 AA 18pt [2]	Ratio: 2.34 Failed [5]		Ratio: 5.01 AA [1] AAA 18pt [4]	Ratio: 1.06 Failed [5]
Hex(000000)	Ratio: 10.52 Passed [6]	Ratio: 19.72 Passed [6]	Ratio: 11.73 Passed [6]	Ratio: 5.01 AA [1] AAA 18pt [4]		Ratio: 5.32 AA [1] AAA 18pt [4]
Hex(808080)	Ratio: 1.98 Failed [5]	Ratio: 3.71 AA 18pt [2]	Ratio: 2.21 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 5.32 AA [1] AAA 18pt [4]	

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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