Converting Colors - WCAG Matrix

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

	Hex(648F7C)	Hex(A9BAB3)	Hex(778F64)	Hex(545E5A)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(648F7C)		Ratio: 1.80 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.84 Failed [5]	Ratio: 2.71 Failed [5]	Ratio: 1.78 Failed [5]
Hex(A9BAB3)	Ratio: 1.80 Failed [5]		Ratio: 1.76 Failed [5]	Ratio: 3.32 AA 18pt [2]	Ratio: 1.51 Failed [5]	Ratio: 3.20 AA 18pt [2]
Hex(778F64)	Ratio: 1.02 Failed [5]	Ratio: 1.76 Failed [5]		Ratio: 1.89 Failed [5]	Ratio: 2.65 Failed [5]	Ratio: 1.82 Failed [5]
Hex(545E5A)	Ratio: 1.84 Failed [5]	Ratio: 3.32 AA 18pt [2]	Ratio: 1.89 Failed [5]		Ratio: 4.99 AA [1] AAA 18pt [4]	Ratio: 1.04 Failed [5]
Hex(DEDEDE)	Ratio: 2.71 Failed [5]	Ratio: 1.51 Failed [5]	Ratio: 2.65 Failed [5]	Ratio: 4.99 AA [1] AAA 18pt [4]		Ratio: 4.82 AA [1] AAA 18pt [4]
Hex(5E5E5E)	Ratio: 1.78 Failed [5]	Ratio: 3.20 AA 18pt [2]	Ratio: 1.82 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 4.82 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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