Converting Colors - WCAG Matrix

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

	Hex(747474)	Hex(8E8E8E)	Hex(A8A8A8)	Hex(C3C3C3)	Hex(DFDFDF)	Hex(FCFCFC)	Hex(FFFFFF)
Hex(747474)		Ratio: 1.43 Failed [5]	Ratio: 1.97 Failed [5]	Ratio: 2.65 Failed [5]	Ratio: 3.51 AA 18pt [2]	Ratio: 4.56 AA [1] AAA 18pt [4]	Ratio: 4.67 AA [1] AAA 18pt [4]
Hex(8E8E8E)	Ratio: 1.43 Failed [5]		Ratio: 1.38 Failed [5]	Ratio: 1.86 Failed [5]	Ratio: 2.46 Failed [5]	Ratio: 3.19 AA 18pt [2]	Ratio: 3.28 AA 18pt [2]
Hex(A8A8A8)	Ratio: 1.97 Failed [5]	Ratio: 1.38 Failed [5]		Ratio: 1.35 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 2.32 Failed [5]	Ratio: 2.38 Failed [5]
Hex(C3C3C3)	Ratio: 2.65 Failed [5]	Ratio: 1.86 Failed [5]	Ratio: 1.35 Failed [5]		Ratio: 1.32 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 1.76 Failed [5]
Hex(DFDFDF)	Ratio: 3.51 AA 18pt [2]	Ratio: 2.46 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 1.32 Failed [5]		Ratio: 1.30 Failed [5]	Ratio: 1.33 Failed [5]
Hex(FCFCFC)	Ratio: 4.56 AA [1] AAA 18pt [4]	Ratio: 3.19 AA 18pt [2]	Ratio: 2.32 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 1.30 Failed [5]		Ratio: 1.03 Failed [5]
Hex(FFFFFF)	Ratio: 4.67 AA [1] AAA 18pt [4]	Ratio: 3.28 AA 18pt [2]	Ratio: 2.38 Failed [5]	Ratio: 1.76 Failed [5]	Ratio: 1.33 Failed [5]	Ratio: 1.03 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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