Converting Colors - WCAG Matrix

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

	Hex(FCFCFC)	Hex(FCE3E3)	Hex(FCCACA)	Hex(FCB0B0)	Hex(FC9797)	Hex(FC7E7E)	Hex(FC6565)	Hex(FC4C4C)	Hex(FC3232)	Hex(FC1919)
Hex(FCFCFC)		Ratio: 1.19 Failed [5]	Ratio: 1.42 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 2.04 Failed [5]	Ratio: 2.43 Failed [5]	Ratio: 2.85 Failed [5]	Ratio: 3.26 AA 18pt [2]	Ratio: 3.63 AA 18pt [2]	Ratio: 3.87 AA 18pt [2]
Hex(FCE3E3)	Ratio: 1.19 Failed [5]		Ratio: 1.19 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 2.05 Failed [5]	Ratio: 2.40 Failed [5]	Ratio: 2.75 Failed [5]	Ratio: 3.06 AA 18pt [2]	Ratio: 3.26 AA 18pt [2]
Hex(FCCACA)	Ratio: 1.42 Failed [5]	Ratio: 1.19 Failed [5]		Ratio: 1.21 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 2.01 Failed [5]	Ratio: 2.30 Failed [5]	Ratio: 2.56 Failed [5]	Ratio: 2.73 Failed [5]
Hex(FCB0B0)	Ratio: 1.71 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.21 Failed [5]		Ratio: 1.20 Failed [5]	Ratio: 1.42 Failed [5]	Ratio: 1.67 Failed [5]	Ratio: 1.91 Failed [5]	Ratio: 2.12 Failed [5]	Ratio: 2.26 Failed [5]
Hex(FC9797)	Ratio: 2.04 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.20 Failed [5]		Ratio: 1.19 Failed [5]	Ratio: 1.39 Failed [5]	Ratio: 1.60 Failed [5]	Ratio: 1.77 Failed [5]	Ratio: 1.89 Failed [5]
Hex(FC7E7E)	Ratio: 2.43 Failed [5]	Ratio: 2.05 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.42 Failed [5]	Ratio: 1.19 Failed [5]		Ratio: 1.17 Failed [5]	Ratio: 1.34 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.59 Failed [5]
Hex(FC6565)	Ratio: 2.85 Failed [5]	Ratio: 2.40 Failed [5]	Ratio: 2.01 Failed [5]	Ratio: 1.67 Failed [5]	Ratio: 1.39 Failed [5]	Ratio: 1.17 Failed [5]		Ratio: 1.15 Failed [5]	Ratio: 1.27 Failed [5]	Ratio: 1.36 Failed [5]
Hex(FC4C4C)	Ratio: 3.26 AA 18pt [2]	Ratio: 2.75 Failed [5]	Ratio: 2.30 Failed [5]	Ratio: 1.91 Failed [5]	Ratio: 1.60 Failed [5]	Ratio: 1.34 Failed [5]	Ratio: 1.15 Failed [5]		Ratio: 1.11 Failed [5]	Ratio: 1.19 Failed [5]
Hex(FC3232)	Ratio: 3.63 AA 18pt [2]	Ratio: 3.06 AA 18pt [2]	Ratio: 2.56 Failed [5]	Ratio: 2.12 Failed [5]	Ratio: 1.77 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.27 Failed [5]	Ratio: 1.11 Failed [5]		Ratio: 1.07 Failed [5]
Hex(FC1919)	Ratio: 3.87 AA 18pt [2]	Ratio: 3.26 AA 18pt [2]	Ratio: 2.73 Failed [5]	Ratio: 2.26 Failed [5]	Ratio: 1.89 Failed [5]	Ratio: 1.59 Failed [5]	Ratio: 1.36 Failed [5]	Ratio: 1.19 Failed [5]	Ratio: 1.07 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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