Converting Colors - WCAG Matrix

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

	Hex(A12B39)	Hex(BE4750)	Hex(DD6268)	Hex(FB7D81)	Hex(FF989B)	Hex(FFB4B6)	Hex(FFD0D1)	Hex(FFEDEE)	Hex(FFFFFF)
Hex(A12B39)		Ratio: 1.44 Failed [5]	Ratio: 2.06 Failed [5]	Ratio: 2.86 Failed [5]	Ratio: 3.50 AA 18pt [2]	Ratio: 4.27 AA 18pt [2]	Ratio: 5.20 AA [1] AAA 18pt [4]	Ratio: 6.37 AA [1] AAA 18pt [4]	Ratio: 7.19 Passed [6]
Hex(BE4750)	Ratio: 1.44 Failed [5]		Ratio: 1.43 Failed [5]	Ratio: 1.99 Failed [5]	Ratio: 2.43 Failed [5]	Ratio: 2.96 Failed [5]	Ratio: 3.61 AA 18pt [2]	Ratio: 4.42 AA 18pt [2]	Ratio: 4.99 AA [1] AAA 18pt [4]
Hex(DD6268)	Ratio: 2.06 Failed [5]	Ratio: 1.43 Failed [5]		Ratio: 1.39 Failed [5]	Ratio: 1.70 Failed [5]	Ratio: 2.07 Failed [5]	Ratio: 2.52 Failed [5]	Ratio: 3.09 AA 18pt [2]	Ratio: 3.49 AA 18pt [2]
Hex(FB7D81)	Ratio: 2.86 Failed [5]	Ratio: 1.99 Failed [5]	Ratio: 1.39 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 2.23 Failed [5]	Ratio: 2.51 Failed [5]
Hex(FF989B)	Ratio: 3.50 AA 18pt [2]	Ratio: 2.43 Failed [5]	Ratio: 1.70 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 2.06 Failed [5]
Hex(FFB4B6)	Ratio: 4.27 AA 18pt [2]	Ratio: 2.96 Failed [5]	Ratio: 2.07 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.69 Failed [5]
Hex(FFD0D1)	Ratio: 5.20 AA [1] AAA 18pt [4]	Ratio: 3.61 AA 18pt [2]	Ratio: 2.52 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.38 Failed [5]
Hex(FFEDEE)	Ratio: 6.37 AA [1] AAA 18pt [4]	Ratio: 4.42 AA 18pt [2]	Ratio: 3.09 AA 18pt [2]	Ratio: 2.23 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.13 Failed [5]
Hex(FFFFFF)	Ratio: 7.19 Passed [6]	Ratio: 4.99 AA [1] AAA 18pt [4]	Ratio: 3.49 AA 18pt [2]	Ratio: 2.51 Failed [5]	Ratio: 2.06 Failed [5]	Ratio: 1.69 Failed [5]	Ratio: 1.38 Failed [5]	Ratio: 1.13 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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