Converting Colors - WCAG Matrix

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

	Hex(CE7789)	Hex(FFDEE5)	Hex(BB77CE)	Hex(806B6F)	Hex(000000)	Hex(808080)
Hex(CE7789)		Ratio: 2.54 Failed [5]	Ratio: 1.00 Failed [5]	Ratio: 1.56 Failed [5]	Ratio: 6.62 AA [1] AAA 18pt [4]	Ratio: 1.25 Failed [5]
Hex(FFDEE5)	Ratio: 2.54 Failed [5]		Ratio: 2.53 Failed [5]	Ratio: 3.96 AA 18pt [2]	Ratio: 16.83 Passed [6]	Ratio: 3.17 AA 18pt [2]
Hex(BB77CE)	Ratio: 1.00 Failed [5]	Ratio: 2.53 Failed [5]		Ratio: 1.56 Failed [5]	Ratio: 6.64 AA [1] AAA 18pt [4]	Ratio: 1.25 Failed [5]
Hex(806B6F)	Ratio: 1.56 Failed [5]	Ratio: 3.96 AA 18pt [2]	Ratio: 1.56 Failed [5]		Ratio: 4.25 AA 18pt [2]	Ratio: 1.25 Failed [5]
Hex(000000)	Ratio: 6.62 AA [1] AAA 18pt [4]	Ratio: 16.83 Passed [6]	Ratio: 6.64 AA [1] AAA 18pt [4]	Ratio: 4.25 AA 18pt [2]		Ratio: 5.32 AA [1] AAA 18pt [4]
Hex(808080)	Ratio: 1.25 Failed [5]	Ratio: 3.17 AA 18pt [2]	Ratio: 1.25 Failed [5]	Ratio: 1.25 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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