Converting Colors - WCAG Matrix

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

	Hex(B80075)	Hex(F00098)	Hex(B89C00)	Hex(5C5358)	Hex(9C0063)	Hex(1C0012)
Hex(B80075)		Ratio: 1.57 Failed [5]	Ratio: 2.37 Failed [5]	Ratio: 1.16 Failed [5]	Ratio: 1.27 Failed [5]	Ratio: 3.11 AA 18pt [2]
Hex(F00098)	Ratio: 1.57 Failed [5]		Ratio: 1.51 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.99 Failed [5]	Ratio: 4.87 AA [1] AAA 18pt [4]
Hex(B89C00)	Ratio: 2.37 Failed [5]	Ratio: 1.51 Failed [5]		Ratio: 2.75 Failed [5]	Ratio: 3.00 AA 18pt [2]	Ratio: 7.36 Passed [6]
Hex(5C5358)	Ratio: 1.16 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 2.75 Failed [5]		Ratio: 1.09 Failed [5]	Ratio: 2.68 Failed [5]
Hex(9C0063)	Ratio: 1.27 Failed [5]	Ratio: 1.99 Failed [5]	Ratio: 3.00 AA 18pt [2]	Ratio: 1.09 Failed [5]		Ratio: 2.45 Failed [5]
Hex(1C0012)	Ratio: 3.11 AA 18pt [2]	Ratio: 4.87 AA [1] AAA 18pt [4]	Ratio: 7.36 Passed [6]	Ratio: 2.68 Failed [5]	Ratio: 2.45 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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