Converting Colors - WCAG Matrix

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

		Hex(2B2B2B)	Hex(383838)	Hex(1C1C1C)	Hex(9C9C9C)
Hex(2B2B2B)			Ratio: 1.21 Failed [5]	Ratio: 1.20 Failed [5]	Ratio: 5.16 AA [1] AAA 18pt [4]
Hex(383838)		Ratio: 1.21 Failed [5]		Ratio: 1.45 Failed [5]	Ratio: 4.27 AA 18pt [2]
Hex(1C1C1C)		Ratio: 1.20 Failed [5]	Ratio: 1.45 Failed [5]		Ratio: 6.21 AA [1] AAA 18pt [4]
Hex(9C9C9C)		Ratio: 5.16 AA [1] AAA 18pt [4]	Ratio: 4.27 AA 18pt [2]	Ratio: 6.21 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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