Converting Colors - WCAG Matrix

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

	Hex(5E5E5E)	Hex(464646)	Hex(303030)	Hex(1B1B1B)	Hex(000000)
Hex(5E5E5E)		Ratio: 1.46 Failed [5]	Ratio: 2.04 Failed [5]	Ratio: 2.66 Failed [5]	Ratio: 3.24 AA 18pt [2]
Hex(464646)	Ratio: 1.46 Failed [5]		Ratio: 1.40 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 2.23 Failed [5]
Hex(303030)	Ratio: 2.04 Failed [5]	Ratio: 1.40 Failed [5]		Ratio: 1.31 Failed [5]	Ratio: 1.59 Failed [5]
Hex(1B1B1B)	Ratio: 2.66 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.31 Failed [5]		Ratio: 1.22 Failed [5]
Hex(000000)	Ratio: 3.24 AA 18pt [2]	Ratio: 2.23 Failed [5]	Ratio: 1.59 Failed [5]	Ratio: 1.22 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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