Converting Colors - WCAG Matrix

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

	Hex(6E6E6E)	Hex(555555)	Hex(3E3E3E)	Hex(282828)	Hex(141414)	Hex(000000)
Hex(6E6E6E)		Ratio: 1.46 Failed [5]	Ratio: 2.10 Failed [5]	Ratio: 2.89 Failed [5]	Ratio: 3.61 AA 18pt [2]	Ratio: 4.12 AA 18pt [2]
Hex(555555)	Ratio: 1.46 Failed [5]		Ratio: 1.43 Failed [5]	Ratio: 1.98 Failed [5]	Ratio: 2.47 Failed [5]	Ratio: 2.82 Failed [5]
Hex(3E3E3E)	Ratio: 2.10 Failed [5]	Ratio: 1.43 Failed [5]		Ratio: 1.38 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 1.96 Failed [5]
Hex(282828)	Ratio: 2.89 Failed [5]	Ratio: 1.98 Failed [5]	Ratio: 1.38 Failed [5]		Ratio: 1.25 Failed [5]	Ratio: 1.42 Failed [5]
Hex(141414)	Ratio: 3.61 AA 18pt [2]	Ratio: 2.47 Failed [5]	Ratio: 1.72 Failed [5]	Ratio: 1.25 Failed [5]		Ratio: 1.14 Failed [5]
Hex(000000)	Ratio: 4.12 AA 18pt [2]	Ratio: 2.82 Failed [5]	Ratio: 1.96 Failed [5]	Ratio: 1.42 Failed [5]	Ratio: 1.14 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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