Converting Colors - WCAG Matrix

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

	Hex(545454)	Hex(3D3D3D)	Hex(272727)	Hex(131313)	Hex(000000)
Hex(545454)		Ratio: 1.43 Failed [5]	Ratio: 1.97 Failed [5]	Ratio: 2.45 Failed [5]	Ratio: 2.77 Failed [5]
Hex(3D3D3D)	Ratio: 1.43 Failed [5]		Ratio: 1.38 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.93 Failed [5]
Hex(272727)	Ratio: 1.97 Failed [5]	Ratio: 1.38 Failed [5]		Ratio: 1.24 Failed [5]	Ratio: 1.41 Failed [5]
Hex(131313)	Ratio: 2.45 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.24 Failed [5]		Ratio: 1.13 Failed [5]
Hex(000000)	Ratio: 2.77 Failed [5]	Ratio: 1.93 Failed [5]	Ratio: 1.41 Failed [5]	Ratio: 1.13 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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