Converting Colors - WCAG Matrix

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

	Hex(868686)	Hex(6D6D6D)	Hex(545454)	Hex(3D3D3D)	Hex(282828)	Hex(131313)	Hex(000000)
Hex(868686)		Ratio: 1.42 Failed [5]	Ratio: 2.08 Failed [5]	Ratio: 2.98 Failed [5]	Ratio: 4.05 AA 18pt [2]	Ratio: 5.10 AA [1] AAA 18pt [4]	Ratio: 5.77 AA [1] AAA 18pt [4]
Hex(6D6D6D)	Ratio: 1.42 Failed [5]		Ratio: 1.46 Failed [5]	Ratio: 2.10 Failed [5]	Ratio: 2.85 Failed [5]	Ratio: 3.59 AA 18pt [2]	Ratio: 4.06 AA 18pt [2]
Hex(545454)	Ratio: 2.08 Failed [5]	Ratio: 1.46 Failed [5]		Ratio: 1.43 Failed [5]	Ratio: 1.95 Failed [5]	Ratio: 2.45 Failed [5]	Ratio: 2.77 Failed [5]
Hex(3D3D3D)	Ratio: 2.98 Failed [5]	Ratio: 2.10 Failed [5]	Ratio: 1.43 Failed [5]		Ratio: 1.36 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.93 Failed [5]
Hex(282828)	Ratio: 4.05 AA 18pt [2]	Ratio: 2.85 Failed [5]	Ratio: 1.95 Failed [5]	Ratio: 1.36 Failed [5]		Ratio: 1.26 Failed [5]	Ratio: 1.42 Failed [5]
Hex(131313)	Ratio: 5.10 AA [1] AAA 18pt [4]	Ratio: 3.59 AA 18pt [2]	Ratio: 2.45 Failed [5]	Ratio: 1.71 Failed [5]	Ratio: 1.26 Failed [5]		Ratio: 1.13 Failed [5]
Hex(000000)	Ratio: 5.77 AA [1] AAA 18pt [4]	Ratio: 4.06 AA 18pt [2]	Ratio: 2.77 Failed [5]	Ratio: 1.93 Failed [5]	Ratio: 1.42 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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