Converting Colors - WCAG Matrix

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

	Hex(4D5443)	Hex(636E53)	Hex(455443)	Hex(272925)	Hex(3D6900)	Hex(89E800)
Hex(4D5443)		Ratio: 1.46 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.86 Failed [5]	Ratio: 1.21 Failed [5]	Ratio: 5.11 AA [1] AAA 18pt [4]
Hex(636E53)	Ratio: 1.46 Failed [5]		Ratio: 1.49 Failed [5]	Ratio: 2.72 Failed [5]	Ratio: 1.21 Failed [5]	Ratio: 3.50 AA 18pt [2]
Hex(455443)	Ratio: 1.02 Failed [5]	Ratio: 1.49 Failed [5]		Ratio: 1.82 Failed [5]	Ratio: 1.24 Failed [5]	Ratio: 5.23 AA [1] AAA 18pt [4]
Hex(272925)	Ratio: 1.86 Failed [5]	Ratio: 2.72 Failed [5]	Ratio: 1.82 Failed [5]		Ratio: 2.25 Failed [5]	Ratio: 9.51 Passed [6]
Hex(3D6900)	Ratio: 1.21 Failed [5]	Ratio: 1.21 Failed [5]	Ratio: 1.24 Failed [5]	Ratio: 2.25 Failed [5]		Ratio: 4.23 AA 18pt [2]
Hex(89E800)	Ratio: 5.11 AA [1] AAA 18pt [4]	Ratio: 3.50 AA 18pt [2]	Ratio: 5.23 AA [1] AAA 18pt [4]	Ratio: 9.51 Passed [6]	Ratio: 4.23 AA 18pt [2]	

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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