Converting Colors - WCAG Matrix

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

	Hex(031D1D)	Hex(061D1D)	Hex(091D1D)	Hex(0C1D1D)	Hex(0F1D1D)	Hex(111D1D)	Hex(141D1D)	Hex(171D1D)	Hex(1A1D1D)	Hex(1D1D1D)
Hex(031D1D)		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.04 Failed [5]
Hex(061D1D)	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.04 Failed [5]
Hex(091D1D)	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]
Hex(0C1D1D)	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]
Hex(0F1D1D)	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]
Hex(111D1D)	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]
Hex(141D1D)	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]
Hex(171D1D)	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]
Hex(1A1D1D)	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.01 Failed [5]
Hex(1D1D1D)	Ratio: 1.04 Failed [5]	Ratio: 1.04 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 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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