Converting Colors - WCAG Matrix

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

	Hex(B58584)	Hex(9A6C6B)	Hex(7F5353)	Hex(653C3C)	Hex(4C2526)	Hex(341012)	Hex(200001)	Hex(000000)
Hex(B58584)		Ratio: 1.41 Failed [5]	Ratio: 2.04 Failed [5]	Ratio: 2.94 Failed [5]	Ratio: 4.16 AA 18pt [2]	Ratio: 5.41 AA [1] AAA 18pt [4]	Ratio: 6.27 AA [1] AAA 18pt [4]	Ratio: 6.65 AA [1] AAA 18pt [4]
Hex(9A6C6B)	Ratio: 1.41 Failed [5]		Ratio: 1.45 Failed [5]	Ratio: 2.09 Failed [5]	Ratio: 2.96 Failed [5]	Ratio: 3.85 AA 18pt [2]	Ratio: 4.46 AA 18pt [2]	Ratio: 4.73 AA [1] AAA 18pt [4]
Hex(7F5353)	Ratio: 2.04 Failed [5]	Ratio: 1.45 Failed [5]		Ratio: 1.44 Failed [5]	Ratio: 2.04 Failed [5]	Ratio: 2.66 Failed [5]	Ratio: 3.07 AA 18pt [2]	Ratio: 3.26 AA 18pt [2]
Hex(653C3C)	Ratio: 2.94 Failed [5]	Ratio: 2.09 Failed [5]	Ratio: 1.44 Failed [5]		Ratio: 1.42 Failed [5]	Ratio: 1.84 Failed [5]	Ratio: 2.13 Failed [5]	Ratio: 2.27 Failed [5]
Hex(4C2526)	Ratio: 4.16 AA 18pt [2]	Ratio: 2.96 Failed [5]	Ratio: 2.04 Failed [5]	Ratio: 1.42 Failed [5]		Ratio: 1.30 Failed [5]	Ratio: 1.51 Failed [5]	Ratio: 1.60 Failed [5]
Hex(341012)	Ratio: 5.41 AA [1] AAA 18pt [4]	Ratio: 3.85 AA 18pt [2]	Ratio: 2.66 Failed [5]	Ratio: 1.84 Failed [5]	Ratio: 1.30 Failed [5]		Ratio: 1.16 Failed [5]	Ratio: 1.23 Failed [5]
Hex(200001)	Ratio: 6.27 AA [1] AAA 18pt [4]	Ratio: 4.46 AA 18pt [2]	Ratio: 3.07 AA 18pt [2]	Ratio: 2.13 Failed [5]	Ratio: 1.51 Failed [5]	Ratio: 1.16 Failed [5]		Ratio: 1.06 Failed [5]
Hex(000000)	Ratio: 6.65 AA [1] AAA 18pt [4]	Ratio: 4.73 AA [1] AAA 18pt [4]	Ratio: 3.26 AA 18pt [2]	Ratio: 2.27 Failed [5]	Ratio: 1.60 Failed [5]	Ratio: 1.23 Failed [5]	Ratio: 1.06 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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