Converting Colors - WCAG Matrix

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

	Hex(B44645)	Hex(EBC0C0)	Hex(B445B4)	Hex(755C5B)	Hex(F5F5F5)	Hex(757575)
Hex(B44645)		Ratio: 3.29 AA 18pt [2]	Ratio: 1.14 Failed [5]	Ratio: 1.14 Failed [5]	Ratio: 4.94 AA [1] AAA 18pt [4]	Ratio: 1.17 Failed [5]
Hex(EBC0C0)	Ratio: 3.29 AA 18pt [2]		Ratio: 2.88 Failed [5]	Ratio: 3.73 AA 18pt [2]	Ratio: 1.50 Failed [5]	Ratio: 2.82 Failed [5]
Hex(B445B4)	Ratio: 1.14 Failed [5]	Ratio: 2.88 Failed [5]		Ratio: 1.29 Failed [5]	Ratio: 4.33 AA 18pt [2]	Ratio: 1.02 Failed [5]
Hex(755C5B)	Ratio: 1.14 Failed [5]	Ratio: 3.73 AA 18pt [2]	Ratio: 1.29 Failed [5]		Ratio: 5.60 AA [1] AAA 18pt [4]	Ratio: 1.33 Failed [5]
Hex(F5F5F5)	Ratio: 4.94 AA [1] AAA 18pt [4]	Ratio: 1.50 Failed [5]	Ratio: 4.33 AA 18pt [2]	Ratio: 5.60 AA [1] AAA 18pt [4]		Ratio: 4.23 AA 18pt [2]
Hex(757575)	Ratio: 1.17 Failed [5]	Ratio: 2.82 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.33 Failed [5]	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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