

Converting Colors - WCAG Matrix

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

Hex(B5B3B5) Hex(EBE8EB) Hex(B3B5B4) Hex(5C5B5C) Hex(9C009C) Hex(1C001C)

	Hex(B5B3B5)	Hex(EBE8EB)	Hex(B3B5B4)	Hex(5C5B5C)	Hex(9C009C)	Hex(1C001C)
Hex(B5B3B5)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 9.45 Passed ⁶
Hex(EBE8EB)	Ratio: 1.71 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 16.20 Passed ⁶
Hex(B3B5B4)	Ratio: 1.01 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 9.55 Passed ⁶
Hex(5C5B5C)	Ratio: 3.25 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(9C009C)	Ratio: 3.48 AA 18pt ²	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(1C001C)	Ratio: 9.45 Passed ⁶	Ratio: 16.20 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 2.71 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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