

Converting Colors - WCAG Matrix

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

Hex(B8B2B3) Hex(F0E6E7) Hex(B8B4B2) Hex(5C5758) Hex(9C000F) Hex(1C0003)

	Hex(B8B2B3)	Hex(F0E6E7)	Hex(B8B4B2)	Hex(5C5758)	Hex(9C000F)	Hex(1C0003)
Hex(B8B2B3)		Ratio: 1.71 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 9.57 Passed ⁶
Hex(F0E6E7)	Ratio: 1.71 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶	Ratio: 16.35 Passed ⁶
Hex(B8B4B2)	Ratio: 1.02 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 9.72 Passed ⁶
Hex(5C5758)	Ratio: 3.40 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(9C000F)	Ratio: 4.16 AA 18pt ²	Ratio: 7.10 Passed ⁶	Ratio: 4.22 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(1C0003)	Ratio: 9.57 Passed ⁶	Ratio: 16.35 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.30 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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