

Converting Colors - WCAG Matrix

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

Hex(B88187) Hex(F099A3) Hex(A3B881) Hex(5C5354) Hex(9C0011) Hex(1C0003)

	Hex(B88187)	Hex(F099A3)	Hex(A3B881)	Hex(5C5354)	Hex(9C0011)	Hex(1C0003)
Hex(B88187)		Ratio: 1.50 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(F099A3)	Ratio: 1.50 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 9.32 Passed ⁶
Hex(A3B881)	Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 9.26 Passed ⁶
Hex(5C5354)	Ratio: 2.31 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.45 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0011)	Ratio: 2.70 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(1C0003)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 9.32 Passed ⁶	Ratio: 9.26 Passed ⁶	Ratio: 2.68 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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