

Converting Colors - WCAG Matrix

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

Hex(C09BA8) Hex(FAC0D5) Hex(9BBBC0) Hex(61575B) Hex(A10038) Hex(21000C)

	Hex(C09BA8)	Hex(FAC0D5)	Hex(9BBBC0)	Hex(61575B)	Hex(A10038)	Hex(21000C)
Hex(C09BA8)		Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 7.94 Passed ⁶
Hex(FAC0D5)	Ratio: 1.60 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 12.68 Passed ⁶
Hex(9BBBC0)	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 9.59 Passed ⁶
Hex(61575B)	Ratio: 2.81 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 3.40 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10038)	Ratio: 3.30 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.99 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(21000C)	Ratio: 7.94 Passed ⁶	Ratio: 12.68 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.40 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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