

Converting Colors - WCAG Matrix

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

Hex(C8B0B1) Hex(FFDBDD) Hex(B0BEC8) Hex(635A5A) Hex(A30007) Hex(240001)

	Hex(C8B0B1)	Hex(FFDBDD)	Hex(B0BEC8)	Hex(635A5A)	Hex(A30007)	Hex(240001)
Hex(C8B0B1)		Ratio: 1.59 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 9.58 Passed ⁶
Hex(FFDBDD)	Ratio: 1.59 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 15.28 Passed ⁶
Hex(B0BEC8)	Ratio: 1.07 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.52 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 10.27 Passed ⁶
Hex(635A5A)	Ratio: 3.28 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30007)	Ratio: 4.02 AA 18pt ²	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240001)	Ratio: 9.58 Passed ⁶	Ratio: 15.28 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.38 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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