

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CD8BA1) Hex(FF9CBD) Hex(8BC2CD) Hex(665C5F) Hex(A60037) Hex(26000D)

	Hex(CD8BA1)	Hex(FF9CBD)	Hex(8BC2CD)	Hex(665C5F)	Hex(A60037)	Hex(26000D)
Hex(CD8BA1)		Ratio: 1.38 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 7.17 Passed ⁶
Hex(FF9CBD)	Ratio: 1.38 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 9.87 Passed ⁶
Hex(8BC2CD)	Ratio: 1.37 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 9.83 Passed ⁶
Hex(665C5F)	Ratio: 2.39 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.28 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60037)	Ratio: 2.92 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(26000D)	Ratio: 7.17 Passed ⁶	Ratio: 9.87 Passed ⁶	Ratio: 9.83 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.46 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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