

Converting Colors - WCAG Matrix

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

Hex(D1B7C3) Hex(FFD9EA) Hex(B7D1B8) Hex(695E63) Hex(A8004E) Hex(290013)

	Hex(D1B7C3)	Hex(FFD9EA)	Hex(B7D1B8)	Hex(695E63)	Hex(A8004E)	Hex(290013)
Hex(D1B7C3)		Ratio: 1.45 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 10.21 Passed ⁶
Hex(FFD9EA)	Ratio: 1.45 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 14.83 Passed ⁶
Hex(B7D1B8)	Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 11.62 Passed ⁶
Hex(695E63)	Ratio: 3.33 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A8004E)	Ratio: 4.06 AA 18pt ²	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(290013)	Ratio: 10.21 Passed ⁶	Ratio: 14.83 Passed ⁶	Ratio: 11.62 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.51 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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