

Converting Colors - WCAG Matrix

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

Hex(D9BBD3) Hex(FFD4F5) Hex(D9BBC4) Hex(6E636B) Hex(AD0087) Hex(2E0024)

Hex(D9BBD3)		Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 10.51 Passed ⁶
Hex(FFD4F5)	Ratio: 1.33 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 14.00 Passed ⁶
Hex(D9BBC4)	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 10.39 Passed ⁶
Hex(6E636B)	Ratio: 3.28 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 3.24 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(AD0087)	Ratio: 3.84 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(2E0024)	Ratio: 10.51 Passed ⁶	Ratio: 14.00 Passed ⁶	Ratio: 10.39 Passed ⁶	Ratio: 3.21 AA 18pt ²	Ratio: 2.74 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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