

Converting Colors - WCAG Matrix

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

Hex(D3A0A2) Hex(FFB5B8) Hex(D3B7A0) Hex(695E5F) Hex(A80007) Hex(290002)

	Hex(D3A0A2)	Hex(FFB5B8)	Hex(D3B7A0)	Hex(695E5F)	Hex(A80007)	Hex(290002)
Hex(D3A0A2)		Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 8.51 Passed ⁶
Hex(FFB5B8)	Ratio: 1.35 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 11.46 Passed ⁶
Hex(D3B7A0)	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 10.09 Passed ⁶
Hex(695E5F)	Ratio: 2.77 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 3.28 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80007)	Ratio: 3.49 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290002)	Ratio: 8.51 Passed ⁶	Ratio: 11.46 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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