

Converting Colors - WCAG Matrix

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

Hex(DFA8CC) Hex(FFB3E5) Hex(DFA8B1) Hex(70656C) Hex(B00073) Hex(300020)

	Hex(DFA8CC)	Hex(FFB3E5)	Hex(DFA8B1)	Hex(70656C)	Hex(B00073)	Hex(300020)
Hex(DFA8CC)		Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 9.25 Passed ⁶
Hex(FFB3E5)	Ratio: 1.21 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 11.19 Passed ⁶
Hex(DFA8B1)	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 9.05 Passed ⁶
Hex(70656C)	Ratio: 2.82 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.75 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(B00073)	Ratio: 3.43 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(300020)	Ratio: 9.25 Passed ⁶	Ratio: 11.19 Passed ⁶	Ratio: 9.05 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 2.70 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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