

Converting Colors - WCAG Matrix

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

Hex(DFC6D3) Hex(FFDBEE) Hex(C7DFC6) Hex(70656B) Hex(B0005D) Hex(300019)

	Hex(DFC6D3)	Hex(FFDBEE)	Hex(C7DFC6)	Hex(70656B)	Hex(B0005D)	Hex(300019)
Hex(DFC6D3)		Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 11.54 Passed ⁶
Hex(FFDBEE)	Ratio: 1.26 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 14.58 Passed ⁶
Hex(C7DFC6)	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 12.98 Passed ⁶
Hex(70656B)	Ratio: 3.50 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 3.93 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B0005D)	Ratio: 4.38 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(300019)	Ratio: 11.54 Passed ⁶	Ratio: 14.58 Passed ⁶	Ratio: 12.98 Passed ⁶	Ratio: 3.30 AA 18pt ²	Ratio: 2.64 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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