

Converting Colors - WCAG Matrix

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

Hex(D4B1EA) Hex(F8EDFF) Hex(B1C8EA) Hex(7C7580) Hex(000000) Hex(808080)

	Hex(D4B1EA)	Hex(F8EDFF)	Hex(B1C8EA)	Hex(7C7580)	Hex(000000)	Hex(808080)
Hex(D4B1EA)		Ratio: 1.64 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 11.28 Passed ⁶	Ratio: 2.12 Failed ⁵
Hex(F8EDFF)	Ratio: 1.64 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.55 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(B1C8EA)	Ratio: 1.09 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 12.32 Passed ⁶	Ratio: 2.32 Failed ⁵
Hex(7C7580)	Ratio: 2.39 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.61 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 11.28 Passed ⁶	Ratio: 18.55 Passed ⁶	Ratio: 12.32 Passed ⁶	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.12 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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.

This PDF was generated on convertingcolors.com.