

Converting Colors - WCAG Matrix

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

Hex(DB8BA5) Hex(FF8FB3) Hex(DB988B) Hex(6E6366) Hex(AD0038) Hex(2E000F)

	Hex(DB8BA5)	Hex(FF8FB3)	Hex(DB988B)	Hex(6E6366)	Hex(AD0038)	Hex(2E000F)
Hex(DB8BA5)		Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 7.34 Passed ⁶
Hex(FF8FB3)	Ratio: 1.19 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 8.76 Passed ⁶
Hex(DB988B)	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 7.90 Passed ⁶
Hex(6E6366)	Ratio: 2.27 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(AD0038)	Ratio: 2.91 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.52 Failed ⁵
Hex(2E000F)	Ratio: 7.34 Passed ⁶	Ratio: 8.76 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 3.24 AA 18pt ²	Ratio: 2.52 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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