

Converting Colors - WCAG Matrix

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

Hex(D5A9BF) Hex(FFBFE0) Hex(D5D4A9) Hex(6B6066) Hex(AB0058) Hex(2B0016)

	Hex(D5A9BF)	Hex(FFBFE0)	Hex(D5D4A9)	Hex(6B6066)	Hex(AB0058)	Hex(2B0016)
Hex(D5A9BF)		Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 9.20 Passed ⁶
Hex(FFBFE0)	Ratio: 1.34 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 12.37 Passed ⁶
Hex(D5D4A9)	Ratio: 1.35 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 12.40 Passed ⁶
Hex(6B6066)	Ratio: 2.94 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.96 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(AB0058)	Ratio: 3.57 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(2B0016)	Ratio: 9.20 Passed ⁶	Ratio: 12.37 Passed ⁶	Ratio: 12.40 Passed ⁶	Ratio: 3.13 AA 18pt ²	Ratio: 2.58 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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