

Converting Colors - WCAG Matrix

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

Hex(D7A6A8) Hex(FFBABD) Hex(D7BCA6) Hex(6B6061) Hex(AB0007) Hex(2B0002)

	Hex(D7A6A8)	Hex(FFBABD)	Hex(D7BCA6)	Hex(6B6061)	Hex(AB0007)	Hex(2B0002)
Hex(D7A6A8)		Ratio: 1.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 8.98 Passed ⁶
Hex(FFBABD)	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 11.79 Passed ⁶
Hex(D7BCA6)	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 10.54 Passed ⁶
Hex(6B6061)	Ratio: 2.85 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.35 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(AB0007)	Ratio: 3.62 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(2B0002)	Ratio: 8.98 Passed ⁶	Ratio: 11.79 Passed ⁶	Ratio: 10.54 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 2.48 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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