

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E2B6DF) Hex(FFC2FA) Hex(E2D0B6) Hex(70656F) Hex(B000A1) Hex(30002C)

Hex(E2B6DF)		Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 10.32 Passed ⁶
Hex(FFC2FA)	Ratio: 1.20 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 12.35 Passed ⁶
Hex(E2D0B6)	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 11.99 Passed ⁶
Hex(70656F)	Ratio: 3.17 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(B000A1)	Ratio: 3.57 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(30002C)	Ratio: 10.32 Passed ⁶	Ratio: 12.35 Passed ⁶	Ratio: 11.99 Passed ⁶	Ratio: 3.25 AA 18pt ²	Ratio: 2.89 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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