

Converting Colors - WCAG Matrix

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

Hex(E1B9DE) Hex(FFC7FA) Hex(E1D0B9) Hex(70656F) Hex(B000A0) Hex(30002C)

	Hex(E1B9DE)	Hex(FFC7FA)	Hex(E1D0B9)	Hex(70656F)	Hex(B000A0)	Hex(30002C)
Hex(E1B9DE)		Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 10.50 Passed ⁶
Hex(FFC7FA)	Ratio: 1.21 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 12.74 Passed ⁶
Hex(E1D0B9)	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 11.98 Passed ⁶
Hex(70656F)	Ratio: 3.23 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 3.68 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(B000A0)	Ratio: 3.64 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(30002C)	Ratio: 10.50 Passed ⁶	Ratio: 12.74 Passed ⁶	Ratio: 11.98 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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