

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E000C4) Hex(FF00DE) Hex(00E08A) Hex(70656F) Hex(B00099) Hex(30002A)

Hex(E000C4)		Ratio: 1.27 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.28 AA 18pt ²
Hex(FF00DE)	Ratio: 1.27 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(00E08A)	Ratio: 2.42 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 3.18 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 10.38 Passed ⁶
Hex(70656F)	Ratio: 1.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.18 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(B00099)	Ratio: 1.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(30002A)	Ratio: 4.28 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 10.38 Passed ⁶	Ratio: 3.26 AA 18pt ²	Ratio: 2.85 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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