

Converting Colors - WCAG Matrix

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

Hex(E200D0) Hex(FF00EB) Hex(62E200) Hex(70656F) Hex(B000A2) Hex(30002D)

	Hex(E200D0)	Hex(FF00EB)	Hex(62E200)	Hex(70656F)	Hex(B000A2)	Hex(30002D)
Hex(E200D0)		Ratio: 1.25 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 4.42 AA 18pt ²
Hex(FF00EB)	Ratio: 1.25 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(62E200)	Ratio: 2.41 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 10.65 Passed ⁶
Hex(70656F)	Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.28 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(B000A2)	Ratio: 1.53 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(30002D)	Ratio: 4.42 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 10.65 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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