

Converting Colors - WCAG Matrix

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

Hex(661E5F) Hex(851579) Hex(661E3B) Hex(332E32) Hex(730067) Hex(F200DA)

	Hex(661E5F)	Hex(851579)	Hex(661E3B)	Hex(332E32)	Hex(730067)	Hex(F200DA)
Hex(661E5F)		Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(851579)	Ratio: 1.24 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(661E3B)	Ratio: 1.06 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(332E32)	Ratio: 1.21 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(730067)	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(F200DA)	Ratio: 3.02 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.01 AA 18pt ²	

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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