

Converting Colors - WCAG Matrix

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

Hex(6E0147) Hex(8F005B) Hex(6E0111) Hex(383236) Hex(78004D) Hex(F7009E)

	Hex(6E0147)	Hex(8F005B)	Hex(6E0111)	Hex(383236)	Hex(78004D)	Hex(F7009E)
Hex(6E0147)		Ratio: 1.32 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(8F005B)	Ratio: 1.32 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(6E0111)	Ratio: 1.05 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(383236)	Ratio: 1.05 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(78004D)	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(F7009E)	Ratio: 3.10 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 2.86 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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