

Converting Colors - WCAG Matrix

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

Hex(624570) Hex(7C4E91) Hex(704569) Hex(363238) Hex(510078) Hex(A700F7)

	Hex(624570)	Hex(7C4E91)	Hex(704569)	Hex(363238)	Hex(510078)	Hex(A700F7)
Hex(624570)		Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(7C4E91)	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(704569)	Ratio: 1.05 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(363238)	Ratio: 1.56 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(510078)	Ratio: 1.61 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(A700F7)	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.46 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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