

Converting Colors - WCAG Matrix

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

Hex(4D0073) Hex(640096) Hex(730060) Hex(39353B) Hex(52007A) Hex(A700FA)

	Hex(4D0073)	Hex(640096)	Hex(730060)	Hex(39353B)	Hex(52007A)	Hex(A700FA)
Hex(4D0073)		Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(640096)	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(730060)	Ratio: 1.21 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(39353B)	Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(52007A)	Ratio: 1.05 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(A700FA)	Ratio: 2.57 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.45 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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