

Converting Colors - WCAG Matrix

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

Hex(7F3D7F) Hex(A63FA6) Hex(7F3D5E) Hex(403940) Hex(80007F) Hex(000000)

	Hex(7F3D7F)	Hex(A63FA6)	Hex(7F3D5E)	Hex(403940)	Hex(80007F)	Hex(000000)
Hex(7F3D7F)		Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A63FA6)	Ratio: 1.35 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(7F3D5E)	Ratio: 1.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(403940)	Ratio: 1.53 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(80007F)	Ratio: 1.29 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(000000)	Ratio: 2.88 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.22 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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