

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(783B5A) Hex(9C3D6E) Hex(3C783B) Hex(3B3538) Hex(7A003F) Hex(FA0081)

Hex(783B5A)		Ratio: 1.29 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(9C3D6E)	Ratio: 1.29 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(3C783B)	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(3B3538)	Ratio: 1.47 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(7A003F)	Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(FA0081)	Ratio: 2.09 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 2.83 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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