

Converting Colors - WCAG Matrix

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

Hex(7E4272) Hex(A34690) Hex(427E6C) Hex(40393E) Hex(800065) Hex(000000)

	Hex(7E4272)	Hex(A34690)	Hex(427E6C)	Hex(40393E)	Hex(800065)	Hex(000000)
Hex(7E4272)		Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A34690)	Ratio: 1.32 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(427E6C)	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(40393E)	Ratio: 1.55 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800065)	Ratio: 1.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(000000)	Ratio: 2.91 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.11 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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