

Converting Colors - WCAG Matrix

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

Hex(7E3C79) Hex(642360) Hex(4B0848) Hex(320031) Hex(1B001C) Hex(000000)

	Hex(7E3C79)	Hex(642360)	Hex(4B0848)	Hex(320031)	Hex(1B001C)	Hex(000000)
Hex(7E3C79)		Ratio: 1.44 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(642360)	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(4B0848)	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(320031)	Ratio: 2.38 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(1B001C)	Ratio: 2.64 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 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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