

Converting Colors - WCAG Matrix

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

Hex(7E4774) Hex(642F5B) Hex(4B1844) Hex(33002D) Hex(1F0019) Hex(000000)

	Hex(7E4774)	Hex(642F5B)	Hex(4B1844)	Hex(33002D)	Hex(1F0019)	Hex(000000)
Hex(7E4774)		Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(642F5B)	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(4B1844)	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(33002D)	Ratio: 2.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(1F0019)	Ratio: 2.84 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 3.04 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 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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