

Converting Colors - WCAG Matrix

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

Hex(7E5160) Hex(A35D74) Hex(517E57) Hex(40393C) Hex(7F002B) Hex(000000)

	Hex(7E5160)	Hex(A35D74)	Hex(517E57)	Hex(40393C)	Hex(7F002B)	Hex(000000)
Hex(7E5160)		Ratio: 1.35 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(A35D74)	Ratio: 1.35 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(517E57)	Ratio: 1.38 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(40393C)	Ratio: 1.73 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(7F002B)	Ratio: 1.67 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.94 Failed ⁵
Hex(000000)	Ratio: 3.23 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.94 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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