

Converting Colors - WCAG Matrix

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

Hex(7E332F) Hex(A32E29) Hex(7E592F) Hex(403A39) Hex(800600) Hex(000000)

	Hex(7E332F)	Hex(A32E29)	Hex(7E592F)	Hex(403A39)	Hex(800600)	Hex(000000)
Hex(7E332F)		Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(A32E29)	Ratio: 1.24 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(7E592F)	Ratio: 1.40 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(403A39)	Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800600)	Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.94 Failed ⁵
Hex(000000)	Ratio: 2.40 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.88 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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