

Converting Colors - WCAG Matrix

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

Hex(935477) Hex(783C5E) Hex(5F2447) Hex(460B30) Hex(2E001C) Hex(0E0000) Hex(000000)

	Hex(935477)	Hex(783C5E)	Hex(5F2447)	Hex(460B30)	Hex(2E001C)	Hex(0E0000)	Hex(000000)
Hex(935477)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(783C5E)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(5F2447)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(460B30)	Ratio: 2.79 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(2E001C)	Ratio: 3.33 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(0E0000)	Ratio: 3.71 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.11 Failed ⁵		
Hex(000000)	Ratio: 3.78 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 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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