

Converting Colors - WCAG Matrix

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

Hex(93535D) Hex(783B45) Hex(5E242F) Hex(440C1B) Hex(2E0000) Hex(000000)

	Hex(93535D)	Hex(783B45)	Hex(5E242F)	Hex(440C1B)	Hex(2E0000)	Hex(000000)
Hex(93535D)		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(783B45)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(5E242F)	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(440C1B)	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(2E0000)	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 3.64 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 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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