

Converting Colors - WCAG Matrix

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

	Hex(957700)	Hex(957A0F)	Hex(957D1E)	Hex(95802D)	Hex(95833B)	Hex(95864A)	Hex(958959)	Hex(958C68)	Hex(958F77)	Hex(959286)
Hex(957700)		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(957A0F)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(957D1E)	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(95802D)	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(95833B)	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(95864A)	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(958959)	Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(958C68)	Ratio: 1.27 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(958F77)	Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(959286)	Ratio: 1.37 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 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.