

Converting Colors - WCAG Matrix

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

	Hex(888586)	Hex(88777D)	Hex(886A74)	Hex(885C6B)	Hex(884F62)	Hex(884159)	Hex(883350)	Hex(882647)	Hex(88183D)	Hex(880B34)
Hex(888586)		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(88777D)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(886A74)	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(885C6B)	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(884F62)	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(884159)	Ratio: 1.95 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(883350)	Ratio: 2.18 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(882647)	Ratio: 2.38 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(88183D)	Ratio: 2.56 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(880B34)	Ratio: 2.68 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 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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