

Converting Colors - WCAG Matrix

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

	Hex(8C8883)	Hex(8C8275)	Hex(8C7C67)	Hex(8C7559)	Hex(8C6F4B)	Hex(8C693D)	Hex(8C632F)	Hex(8C5C21)	Hex(8C5613)	Hex(8C5005)
Hex(8C8883)		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(8C8275)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(8C7C67)	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(8C7559)	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(8C6F4B)	Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(8C693D)	Ratio: 1.42 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(8C632F)	Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(8C5C21)	Ratio: 1.63 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(8C5613)	Ratio: 1.73 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(8C5005)	Ratio: 1.83 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 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.