

Converting Colors - WCAG Matrix

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

	Hex(40708A)	Hex(4E758A)	Hex(5C7A8A)	Hex(697F8A)	Hex(77838A)	Hex(85888A)	Hex(938D8A)	Hex(A1928A)	Hex(AE978A)	Hex(BC9C8A)
Hex(40708A)		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(4E758A)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(5C7A8A)	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(697F8A)	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(77838A)	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(85888A)	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(938D8A)	Ratio: 1.64 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(A1928A)	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(AE978A)	Ratio: 1.95 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(BC9C8A)	Ratio: 2.12 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 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.

This PDF was generated on convertingcolors.com.