

Converting Colors - WCAG Matrix

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

	Hex(662F72)	Hex(683A72)	Hex(6A4672)	Hex(6C5172)	Hex(6E5D72)	Hex(706872)	Hex(727372)	Hex(747F72)	Hex(768A72)	Hex(789672)
Hex(662F72)		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(683A72)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(6A4672)	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(6C5172)	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(6E5D72)	Ratio: 1.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(706872)	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(727372)	Ratio: 1.99 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(747F72)	Ratio: 2.27 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(768A72)	Ratio: 2.55 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(789672)	Ratio: 2.89 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 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.