

Converting Colors - WCAG Matrix

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

	Hex(695E5F)	Hex(696969)	Hex(697372)	Hex(697D7C)	Hex(698885)	Hex(69928F)	Hex(699D98)	Hex(69A7A2)	Hex(69B2AB)	Hex(69BCB5)
Hex(695E5F)		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(696969)	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(697372)	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(697D7C)	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(698885)	Ratio: 1.62 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(69928F)	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(699D98)	Ratio: 2.04 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(69A7A2)	Ratio: 2.27 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(69B2AB)	Ratio: 2.54 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(69BCB5)	Ratio: 2.81 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 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.