

Converting Colors - WCAG Matrix

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

	Hex(706770)	Hex(707270)	Hex(707E70)	Hex(708970)	Hex(709470)	Hex(709F70)	Hex(70AB70)	Hex(70B670)	Hex(70C170)	Hex(70CC70)
Hex(706770)		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(707270)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(707E70)	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: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(708970)	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(709470)	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(709F70)	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(70AB70)	Ratio: 2.01 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(70B670)	Ratio: 2.23 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(70C170)	Ratio: 2.47 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(70CC70)	Ratio: 2.73 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 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.