

Converting Colors - WCAG Matrix

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

	Hex(666666)	Hex(667070)	Hex(667A7A)	Hex(668585)	Hex(668F8F)	Hex(669999)	Hex(66A3A3)	Hex(66ADAD)	Hex(66B8B8)	Hex(66C2C2)
Hex(666666)		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(667070)	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(667A7A)	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(668585)	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(668F8F)	Ratio: 1.61 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(669999)	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(66A3A3)	Ratio: 2.00 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(66ADAD)	Ratio: 2.23 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(66B8B8)	Ratio: 2.49 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(66C2C2)	Ratio: 2.75 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 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.