

Converting Colors - WCAG Matrix

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

Hex(660066) Hex(4C004E) Hex(340036) Hex(170020) Hex(000004) Hex(000000)

	Hex(660066)	Hex(4C004E)	Hex(340036)	Hex(170020)	Hex(000004)	Hex(000000)
Hex(660066)		Ratio: 1.24 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(4C004E)	Ratio: 1.24 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(340036)	Ratio: 1.46 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(170020)	Ratio: 1.66 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(000004)	Ratio: 1.75 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 1.76 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 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.