

Converting Colors - WCAG Matrix

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

	Hex(ED0091)	Hex(CE0077)	Hex(AF005F)	Hex(900047)	Hex(720031)	Hex(55001C)	Hex(370002)	Hex(0B0000)	Hex(000000)
Hex(ED0091)		Ratio: 1.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(CE0077)	Ratio: 1.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(AF005F)	Ratio: 1.68 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(900047)	Ratio: 2.20 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(720031)	Ratio: 2.85 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(55001C)	Ratio: 3.57 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(370002)	Ratio: 4.31 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(0B0000)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.01 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.