

Converting Colors - WCAG Matrix

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

Hex(4B0030) Hex(61003F) Hex(4B4000) Hex(262225) Hex(660042) Hex(E60094)

	Hex(4B0030)	Hex(61003F)	Hex(4B4000)	Hex(262225)	Hex(660042)	Hex(E60094)
Hex(4B0030)		Ratio: 1.18 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(61003F)	Ratio: 1.18 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(4B4000)	Ratio: 1.51 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(262225)	Ratio: 1.00 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(660042)	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(E60094)	Ratio: 3.57 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.92 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.

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