

Converting Colors - WCAG Matrix

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

Hex(442B4B) Hex(562F61) Hex(4B2B42) Hex(252226) Hex(500066) Hex(B300E6)

	Hex(442B4B)	Hex(562F61)	Hex(4B2B42)	Hex(252226)	Hex(500066)	Hex(B300E6)
Hex(442B4B)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(562F61)	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(4B2B42)	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(252226)	Ratio: 1.27 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(500066)	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(B300E6)	Ratio: 2.40 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.65 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.