

Converting Colors - WCAG Matrix

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

Hex(4B2B3C) Hex(612F49) Hex(4B4A2B) Hex(262224) Hex(660035) Hex(E60078)

	Hex(4B2B3C)	Hex(612F49)	Hex(4B4A2B)	Hex(262224)	Hex(660035)	Hex(E60078)
Hex(4B2B3C)		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(612F49)	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(4B4A2B)	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(262224)	Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(660035)	Ratio: 1.06 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(E60078)	Ratio: 2.71 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.87 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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