

Converting Colors - WCAG Matrix

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

Hex(6B2D68) Hex(8C2A87) Hex(6B2D49) Hex(363035) Hex(75006F) Hex(F500E9)

	Hex(6B2D68)	Hex(8C2A87)	Hex(6B2D49)	Hex(363035)	Hex(75006F)	Hex(F500E9)
Hex(6B2D68)		Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(8C2A87)	Ratio: 1.27 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(6B2D49)	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(363035)	Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(75006F)	Ratio: 1.11 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(F500E9)	Ratio: 2.75 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 3.05 AA 18pt ²	

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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