

Converting Colors - WCAG Matrix

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

Hex(6744AF) Hex(733DE3) Hex(9B44AF) Hex(514E57) Hex(310096) Hex(080017)

	Hex(6744AF)	Hex(733DE3)	Hex(9B44AF)	Hex(514E57)	Hex(310096)	Hex(080017)
Hex(6744AF)		Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(733DE3)	Ratio: 1.16 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(9B44AF)	Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(514E57)	Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(310096)	Ratio: 1.92 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(080017)	Ratio: 2.96 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.54 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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