

Converting Colors - WCAG Matrix

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

Hex(773464) Hex(5D1B4C) Hex(440035) Hex(2E0020) Hex(070004) Hex(000000)

	Hex(773464)	Hex(5D1B4C)	Hex(440035)	Hex(2E0020)	Hex(070004)	Hex(000000)
Hex(773464)		Ratio: 1.42 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(5D1B4C)	Ratio: 1.42 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(440035)	Ratio: 1.90 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(2E0020)	Ratio: 2.16 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(070004)	Ratio: 2.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 2.46 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 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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