

Converting Colors - WCAG Matrix

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

Hex(774293) Hex(5D2A79) Hex(441160) Hex(2B0048) Hex(160031) Hex(00011B) Hex(000000)

	Hex(774293)	Hex(5D2A79)	Hex(441160)	Hex(2B0048)	Hex(160031)	Hex(00011B)	Hex(000000)
Hex(774293)		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(5D2A79)	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(441160)	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(2B0048)	Ratio: 2.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(160031)	Ratio: 2.77 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(00011B)	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.98 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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