

Converting Colors - WCAG Matrix

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

	Hex(B80097)	Hex(9B007D)	Hex(7E0064)	Hex(62004B)	Hex(470034)	Hex(2B001E)	Hex(000000)
Hex(B80097)		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.49 AA 18pt ²
Hex(9B007D)	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(7E0064)	Ratio: 1.68 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(62004B)	Ratio: 2.15 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(470034)	Ratio: 2.64 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(2B001E)	Ratio: 3.11 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 3.49 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.12 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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