

Converting Colors - WCAG Matrix

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

Hex(910050) Hex(BD0068) Hex(009187) Hex(474044) Hex(87004B) Hex(080004)

	Hex(910050)	Hex(BD0068)	Hex(009187)	Hex(474044)	Hex(87004B)	Hex(080004)
Hex(910050)		Ratio: 1.45 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(BD0068)	Ratio: 1.45 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(009187)	Ratio: 2.33 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(474044)	Ratio: 1.11 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(87004B)	Ratio: 1.09 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(080004)	Ratio: 2.29 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.11 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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