

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(920770) Hex(BD008F) Hex(07926D) Hex(4A4348) Hex(8A0068) Hex(0A0008)

	Hex(920770)	Hex(BD008F)	Hex(07926D)	Hex(4A4348)	Hex(8A0068)	Hex(0A0008)
Hex(920770)		Ratio: 1.43 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(BD008F)	Ratio: 1.43 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(07926D)	Ratio: 2.15 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4A4348)	Ratio: 1.14 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0068)	Ratio: 1.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(0A0008)	Ratio: 2.45 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.24 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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