

Converting Colors - WCAG Matrix

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

Hex(91646F) Hex(BD7788) Hex(916F64) Hex(474042) Hex(870021) Hex(080002)

	Hex(91646F)	Hex(BD7788)	Hex(916F64)	Hex(474042)	Hex(870021)	Hex(080002)
Hex(91646F)		Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(BD7788)	Ratio: 1.45 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(916F64)	Ratio: 1.10 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(474042)	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870021)	Ratio: 2.07 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(080002)	Ratio: 4.21 AA 18pt ²	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.03 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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