

Converting Colors - WCAG Matrix

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

Hex(915975) Hex(BD6691) Hex(599191) Hex(474044) Hex(870044) Hex(080004)

	Hex(915975)	Hex(BD6691)	Hex(599191)	Hex(474044)	Hex(870044)	Hex(080004)
Hex(915975)		Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(BD6691)	Ratio: 1.41 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(599191)	Ratio: 1.51 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(474044)	Ratio: 1.87 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870044)	Ratio: 1.84 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(080004)	Ratio: 3.84 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.09 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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