

Converting Colors - WCAG Matrix

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

Hex(8D6279) Hex(B87498) Hex(8D6264) Hex(474044) Hex(870048) Hex(080004)

	Hex(8D6279)	Hex(B87498)	Hex(8D6264)	Hex(474044)	Hex(870048)	Hex(080004)
Hex(8D6279)		Ratio: 1.44 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(B87498)	Ratio: 1.44 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴
Hex(8D6264)	Ratio: 1.02 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.02 AA 18pt ²
Hex(474044)	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870048)	Ratio: 1.96 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(080004)	Ratio: 4.11 AA 18pt ²	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 2.10 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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