

Converting Colors - WCAG Matrix

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

Hex(88277F) Hex(B019A2) Hex(88274F) Hex(453E44) Hex(850078) Hex(050005)

	Hex(88277F)	Hex(B019A2)	Hex(88274F)	Hex(453E44)	Hex(850078)	Hex(050005)
Hex(88277F)		Ratio: 1.33 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(B019A2)	Ratio: 1.33 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(88274F)	Ratio: 1.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(453E44)	Ratio: 1.31 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(850078)	Ratio: 1.17 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(050005)	Ratio: 2.62 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.25 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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