

Converting Colors - WCAG Matrix

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

Hex(8F0083) Hex(BA00AB) Hex(8F5300) Hex(474047) Hex(87007C) Hex(080007)

	Hex(8F0083)	Hex(BA00AB)	Hex(8F5300)	Hex(474047)	Hex(87007C)	Hex(080007)
Hex(8F0083)		Ratio: 1.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(BA00AB)	Ratio: 1.47 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(8F5300)	Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(474047)	Ratio: 1.19 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(87007C)	Ratio: 1.08 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.29 Failed ⁵
Hex(080007)	Ratio: 2.46 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 2.29 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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