

Converting Colors - WCAG Matrix

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

Hex(7E41C8) Hex(8E30FF) Hex(C141C8) Hex(5E5A63) Hex(4A00A3) Hex(100024)

	Hex(7E41C8)	Hex(8E30FF)	Hex(C141C8)	Hex(5E5A63)	Hex(4A00A3)	Hex(100024)
Hex(7E41C8)		Ratio: 1.16 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(8E30FF)	Ratio: 1.16 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(C141C8)	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(5E5A63)	Ratio: 1.11 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(4A00A3)	Ratio: 1.91 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.74 Failed ⁵
Hex(100024)	Ratio: 3.32 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵	Ratio: 1.74 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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