

Converting Colors - WCAG Matrix

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

Hex(8D0779) Hex(B8009C) Hex(078D5E) Hex(474046) Hex(870073) Hex(080007)

	Hex(8D0779)	Hex(B8009C)	Hex(078D5E)	Hex(474046)	Hex(870073)	Hex(080007)
Hex(8D0779)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(B8009C)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(078D5E)	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(474046)	Ratio: 1.17 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870073)	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(080007)	Ratio: 2.41 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.06 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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