

Converting Colors - WCAG Matrix

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

Hex(8C6E8C) Hex(B586B5) Hex(8C6E7D) Hex(453E45) Hex(850085) Hex(050005)

	Hex(8C6E8C)	Hex(B586B5)	Hex(8C6E7D)	Hex(453E45)	Hex(850085)	Hex(050005)
Hex(8C6E8C)		Ratio: 1.49 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(B586B5)	Ratio: 1.49 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(8C6E7D)	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(453E45)	Ratio: 2.33 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(850085)	Ratio: 2.02 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(050005)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.32 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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