

Converting Colors - WCAG Matrix

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

Hex(887188) Hex(B08DB0) Hex(887D71) Hex(453E45) Hex(850085) Hex(050005)

	Hex(887188)	Hex(B08DB0)	Hex(887D71)	Hex(453E45)	Hex(850085)	Hex(050005)
Hex(887188)		Ratio: 1.53 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(B08DB0)	Ratio: 1.53 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 7.22 Passed ⁶
Hex(887D71)	Ratio: 1.10 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(453E45)	Ratio: 2.35 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(850085)	Ratio: 2.04 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(050005)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 7.22 Passed ⁶	Ratio: 5.17 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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