

Converting Colors - WCAG Matrix

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

Hex(8C6480) Hex(B577A2) Hex(6C8C64) Hex(453E43) Hex(85005B) Hex(050004)

	Hex(8C6480)	Hex(B577A2)	Hex(6C8C64)	Hex(453E43)	Hex(85005B)	Hex(050004)
Hex(8C6480)		Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(B577A2)	Ratio: 1.44 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(6C8C64)	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(453E43)	Ratio: 2.10 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.75 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(85005B)	Ratio: 1.98 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(050004)	Ratio: 4.22 AA 18pt ²	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.13 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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