

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B61686) Hex(ED00A6) Hex(B61636) Hex(5C5359) Hex(9C006D) Hex(1C0014)

	Hex(B61686)	Hex(ED00A6)	Hex(B61636)	Hex(5C5359)	Hex(9C006D)	Hex(1C0014)
Hex(B61686)		Ratio: 1.49 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(ED00A6)	Ratio: 1.49 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(B61636)	Ratio: 1.09 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(5C5359)	Ratio: 1.22 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C006D)	Ratio: 1.31 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(1C0014)	Ratio: 3.25 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.49 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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