

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(69309C) Hex(7B23CC) Hex(9C309A) Hex(4B474F) Hex(4B008F) Hex(08000F)

	Hex(69309C)	Hex(7B23CC)	Hex(9C309A)	Hex(4B474F)	Hex(4B008F)	Hex(08000F)
Hex(69309C)		Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(7B23CC)	Ratio: 1.18 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(9C309A)	Ratio: 1.32 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(4B474F)	Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(4B008F)	Ratio: 1.48 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(08000F)	Ratio: 2.46 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 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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