

Converting Colors - WCAG Matrix

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

Hex(4C13DE) Hex(4800FF) Hex(AF13DE) Hex(686570) Hex(3100B0) Hex(0E0030)

	Hex(4C13DE)	Hex(4800FF)	Hex(AF13DE)	Hex(686570)	Hex(3100B0)	Hex(0E0030)
Hex(4C13DE)		Ratio: 1.11 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(4800FF)	Ratio: 1.11 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(AF13DE)	Ratio: 1.62 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(686570)	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(3100B0)	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.66 Failed ⁵
Hex(0E0030)	Ratio: 2.31 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 1.66 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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