

Converting Colors - WCAG Matrix

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

Hex(2C2164) Hex(0F0D4B) Hex(000034) Hex(00021E) Hex(000000)

	Hex(2C2164)	Hex(0F0D4B)	Hex(000034)	Hex(00021E)	Hex(000000)
Hex(2C2164)		Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(0F0D4B)	Ratio: 1.28 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(000034)	Ratio: 1.44 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(00021E)	Ratio: 1.47 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 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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