

Converting Colors - WCAG Matrix

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

Hex(2C5270) Hex(276391) Hex(2C3170) Hex(323638) Hex(004378) Hex(008AF7)

Hex(2C5270)		Ratio: 1.29 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(276391)	Ratio: 1.29 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(2C3170)	Ratio: 1.43 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(323638)	Ratio: 1.48 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(004378)	Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵	
Hex(008AF7)	Ratio: 2.35 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 2.88 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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