

Converting Colors - WCAG Matrix

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

Hex(264A62) Hex(225A80) Hex(262C62) Hex(2C2F30) Hex(004370) Hex(008FF0)

	Hex(264A62)	Hex(225A80)	Hex(262C62)	Hex(2C2F30)	Hex(004370)	Hex(008FF0)
Hex(264A62)		Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(225A80)	Ratio: 1.27 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(262C62)	Ratio: 1.38 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(2C2F30)	Ratio: 1.44 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(004370)	Ratio: 1.10 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(008FF0)	Ratio: 2.76 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.04 AA 18pt ²	

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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