

Converting Colors - WCAG Matrix

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

Hex(284A69) Hex(235887) Hex(282A69) Hex(303336) Hex(003E75) Hex(0082F5)

Hex(284A69)		Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(235887)	Ratio: 1.24 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(282A69)	Ratio: 1.40 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(303336)	Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.39 AA 18pt ²
Hex(003E75)	Ratio: 1.17 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(0082F5)	Ratio: 2.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.83 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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