

Converting Colors - WCAG Matrix

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

Hex(265279) Hex(1C619E) Hex(262979) Hex(373A3D) Hex(00427D) Hex(0086FC)

	Hex(265279)	Hex(1C619E)	Hex(262979)	Hex(373A3D)	Hex(00427D)	Hex(0086FC)
Hex(265279)		Ratio: 1.27 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(1C619E)	Ratio: 1.27 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(262979)	Ratio: 1.53 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(373A3D)	Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(00427D)	Ratio: 1.24 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(0086FC)	Ratio: 2.27 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.80 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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