

Converting Colors - WCAG Matrix

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

Hex(446CAE) Hex(245493) Hex(003D79) Hex(002860) Hex(001448) Hex(000000)

	Hex(446CAE)	Hex(245493)	Hex(003D79)	Hex(002860)	Hex(001448)	Hex(000000)
Hex(446CAE)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(245493)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(003D79)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(002860)	Ratio: 2.72 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(001448)	Ratio: 3.35 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 4.00 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 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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