

Converting Colors - WCAG Matrix

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

Hex(145985) Hex(006BAD) Hex(142185) Hex(3D4042) Hex(004F82) Hex(000303)

	Hex(145985)	Hex(006BAD)	Hex(142185)	Hex(3D4042)	Hex(004F82)	Hex(000303)
Hex(145985)		Ratio: 1.33 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(006BAD)	Ratio: 1.33 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(142185)	Ratio: 1.76 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(3D4042)	Ratio: 1.39 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(004F82)	Ratio: 1.15 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(000303)	Ratio: 2.76 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.41 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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