

Converting Colors - WCAG Matrix

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

Hex(6633FF) Hex(4013E2) Hex(0000C5) Hex(0000A8) Hex(00008D) Hex(000000)

	Hex(6633FF)	Hex(4013E2)	Hex(0000C5)	Hex(0000A8)	Hex(00008D)	Hex(000000)
Hex(6633FF)		Ratio: 1.45 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(4013E2)	Ratio: 1.45 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(0000C5)	Ratio: 1.93 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(0000A8)	Ratio: 2.22 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(00008D)	Ratio: 2.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.38 Failed ⁵
Hex(000000)	Ratio: 3.48 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 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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