

Converting Colors - WCAG Matrix

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

Hex(2A42E0) Hex(0526FF) Hex(6D2AE0) Hex(656670) Hex(0017B0) Hex(000630)

	Hex(2A42E0)	Hex(0526FF)	Hex(6D2AE0)	Hex(656670)	Hex(0017B0)	Hex(000630)
Hex(2A42E0)		Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(0526FF)	Ratio: 1.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(6D2AE0)	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(656670)	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(0017B0)	Ratio: 1.69 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(000630)	Ratio: 2.76 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.64 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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