

Converting Colors - WCAG Matrix

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

Hex(24116F) Hex(1D0091) Hex(53116F) Hex(343238) Hex(180078) Hex(3200F7)

	Hex(24116F)	Hex(1D0091)	Hex(53116F)	Hex(343238)	Hex(180078)	Hex(3200F7)
Hex(24116F)		Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(1D0091)	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(53116F)	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(343238)	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(180078)	Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.89 Failed ⁵
Hex(3200F7)	Ratio: 1.79 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.89 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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