

Converting Colors - WCAG Matrix

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

Hex(20066E) Hex(24008F) Hex(54066E) Hex(343238) Hex(1E0078) Hex(3E00F7)

	Hex(20066E)	Hex(24008F)	Hex(54066E)	Hex(343238)	Hex(1E0078)	Hex(3E00F7)
Hex(20066E)		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(24008F)	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(54066E)	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(343238)	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(1E0078)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(3E00F7)	Ratio: 1.94 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.92 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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