

Converting Colors - WCAG Matrix

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

Hex(342F9D) Hex(2821CC) Hex(6A2F9D) Hex(47474F) Hex(06008F) Hex(01000F)

	Hex(342F9D)	Hex(2821CC)	Hex(6A2F9D)	Hex(47474F)	Hex(06008F)	Hex(01000F)
Hex(342F9D)		Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(2821CC)	Ratio: 1.07 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(6A2F9D)	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(47474F)	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(06008F)	Ratio: 1.45 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.39 Failed ⁵
Hex(01000F)	Ratio: 2.02 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.39 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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