

Converting Colors - WCAG Matrix

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

Hex(282053) Hex(281C6B) Hex(412053) Hex(252529) Hex(100069) Hex(2400E8)

	Hex(282053)	Hex(281C6B)	Hex(412053)	Hex(252529)	Hex(100069)	Hex(2400E8)
Hex(282053)		Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(281C6B)	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(412053)	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(252529)	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(100069)	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.83 Failed ⁵
Hex(2400E8)	Ratio: 1.58 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.83 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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