

Converting Colors - WCAG Matrix

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

Hex(46233E) Hex(5C254F) Hex(23463C) Hex(242023) Hex(63004D) Hex(E300AF)

	Hex(46233E)	Hex(5C254F)	Hex(23463C)	Hex(242023)	Hex(63004D)	Hex(E300AF)
Hex(46233E)		Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(5C254F)	Ratio: 1.17 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(23463C)	Ratio: 1.28 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(242023)	Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(63004D)	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(E300AF)	Ratio: 3.11 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.98 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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