

Converting Colors - WCAG Matrix

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

Hex(4D363E) Hex(63414D) Hex(36494D) Hex(262224) Hex(660023) Hex(E6004F)

	Hex(4D363E)	Hex(63414D)	Hex(36494D)	Hex(262224)	Hex(660023)	Hex(E6004F)
Hex(4D363E)		Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(63414D)	Ratio: 1.25 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(36494D)	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(262224)	Ratio: 1.43 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(660023)	Ratio: 1.20 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(E6004F)	Ratio: 2.34 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.82 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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