

Converting Colors - WCAG Matrix

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

Hex(4E2E46) Hex(66345A) Hex(4E2E36) Hex(262225) Hex(66004D) Hex(E600AC)

	Hex(4E2E46)	Hex(66345A)	Hex(4E2E36)	Hex(262225)	Hex(66004D)	Hex(E600AC)
Hex(4E2E46)		Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(66345A)	Ratio: 1.22 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(4E2E36)	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(262225)	Ratio: 1.35 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(66004D)	Ratio: 1.08 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(E600AC)	Ratio: 2.75 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.97 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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