

Converting Colors - WCAG Matrix

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

Hex(403E40) Hex(545254) Hex(403E3F) Hex(212021) Hex(610048) Hex(E000A7)

Hex(403E40)		Ratio: 1.37 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(545254)	Ratio: 1.37 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(403E3F)	Ratio: 1.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(212021)	Ratio: 1.53 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(610048)	Ratio: 1.24 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	
Hex(E000A7)	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.95 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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