

Converting Colors - WCAG Matrix

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

Hex(E44EB6) Hex(E437AF) Hex(E420A8) Hex(E40AA1) Hex(E4009E)

Hex(E44EB6)		Ratio: 1.11 Failed⁵	Ratio: 1.20 Failed⁵	Ratio: 1.25 Failed⁵
Hex(E437AF)	Ratio: 1.11 Failed⁵		Ratio: 1.08 Failed⁵	Ratio: 1.13 Failed⁵
Hex(E420A8)	Ratio: 1.20 Failed⁵	Ratio: 1.08 Failed⁵		Ratio: 1.04 Failed⁵
Hex(E40AA1)	Ratio: 1.25 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.04 Failed⁵	
Hex(E4009E)	Ratio: 1.27 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 1.06 Failed⁵	

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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