

Converting Colors - WCAG Matrix

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

Hex(E05E90) Hex(E04882) Hex(E03174) Hex(E01B67) Hex(E00459) Hex(E00056)

Hex(E05E90)		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(E04882)	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(E03174)	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(E01B67)	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(E00459)	Ratio: 1.43 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(E00056)	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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