

Converting Colors - WCAG Matrix

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

Hex(494041) Hex(5E5052) Hex(404649) Hex(242021) Hex(63000B) Hex(E30018)

	Hex(494041)	Hex(5E5052)	Hex(404649)	Hex(242021)	Hex(63000B)	Hex(E30018)
Hex(494041)		Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(5E5052)	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(404649)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(242021)	Ratio: 1.61 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(63000B)	Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E30018)	Ratio: 2.04 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.79 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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