

Converting Colors - WCAG Matrix

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

Hex(554648) Hex(6E575A) Hex(505546) Hex(2B2728) Hex(6B000E) Hex(EB001F)

	Hex(554648)	Hex(6E575A)	Hex(505546)	Hex(2B2728)	Hex(6B000E)	Hex(EB001F)
Hex(554648)		Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(6E575A)	Ratio: 1.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(505546)	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(2B2728)	Ratio: 1.65 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(6B000E)	Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB001F)	Ratio: 1.93 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.20 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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