

Converting Colors - WCAG Matrix

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

Hex(414552) Hex(50576B) Hex(454152) Hex(252629) Hex(001969) Hex(0037E8)

Hex(414552)		Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(50576B)	Ratio: 1.33 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(454152)	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(252629)	Ratio: 1.58 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(001969)	Ratio: 1.64 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵	
Hex(0037E8)	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.02 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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