

Converting Colors - WCAG Matrix

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

Hex(4E4F65) Hex(37384D) Hex(212336) Hex(0C0D21) Hex(000007) Hex(000000)

	Hex(4E4F65)	Hex(37384D)	Hex(212336)	Hex(0C0D21)	Hex(000007)	Hex(000000)
Hex(4E4F65)		Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(37384D)	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(212336)	Ratio: 1.94 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(0C0D21)	Ratio: 2.40 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(000007)	Ratio: 2.62 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.63 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.00 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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