

Converting Colors - WCAG Matrix

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

Hex(4C4C50) Hex(626269) Hex(4E4C50) Hex(262629) Hex(000069) Hex(0000E8)

	Hex(4C4C50)	Hex(626269)	Hex(4E4C50)	Hex(262629)	Hex(000069)	Hex(0000E8)
Hex(4C4C50)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(626269)	Ratio: 1.41 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(4E4C50)	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(262629)	Ratio: 1.77 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(000069)	Ratio: 2.04 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.80 Failed ⁵
Hex(0000E8)	Ratio: 1.13 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 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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