

Converting Colors - WCAG Matrix

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

Hex(3E7185) Hex(3E8EAD) Hex(3E4E85) Hex(3C4042) Hex(005D82) Hex(000203)

	Hex(3E7185)	Hex(3E8EAD)	Hex(3E4E85)	Hex(3C4042)	Hex(005D82)	Hex(000203)
Hex(3E7185)		Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(3E8EAD)	Ratio: 1.45 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(3E4E85)	Ratio: 1.48 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(3C4042)	Ratio: 1.95 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(005D82)	Ratio: 1.35 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(000203)	Ratio: 3.87 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 2.61 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.86 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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