

Converting Colors - WCAG Matrix

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

Hex(626571) Hex(7A8091) Hex(656271) Hex(323438) Hex(001E78) Hex(003EF7)

	Hex(626571)	Hex(7A8091)	Hex(656271)	Hex(323438)	Hex(001E78)	Hex(003EF7)
Hex(626571)		Ratio: 1.47 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(7A8091)	Ratio: 1.47 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 1.76 Failed ⁵
Hex(656271)	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(323438)	Ratio: 2.15 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(001E78)	Ratio: 2.48 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(003EF7)	Ratio: 1.19 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.08 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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