

Converting Colors - WCAG Matrix

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

Hex(232445) Hex(252659) Hex(332345) Hex(202024) Hex(000363) Hex(0007E3)

Hex(232445)		Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(252659)	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(332345)	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(202024)	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000363)	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	
Hex(0007E3)	Ratio: 1.52 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 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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