

Converting Colors - WCAG Matrix

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

Hex(364445) Hex(425859) Hex(363D45) Hex(202324) Hex(005D63) Hex(00D4E3)

	Hex(364445)	Hex(425859)	Hex(363D45)	Hex(202324)	Hex(005D63)	Hex(00D4E3)
Hex(364445)		Ratio: 1.34 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(425859)	Ratio: 1.34 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(363D45)	Ratio: 1.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(202324)	Ratio: 1.56 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 8.68 Passed ⁶
Hex(005D63)	Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 4.20 AA 18pt ²
Hex(00D4E3)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 8.68 Passed ⁶	Ratio: 4.20 AA 18pt ²	

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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