

Converting Colors - WCAG Matrix

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

Hex(002E1B) Hex(003B22) Hex(002B2E) Hex(151716) Hex(005732) Hex(00D67C)

	Hex(002E1B)	Hex(003B22)	Hex(002B2E)	Hex(151716)	Hex(005732)	Hex(00D67C)
Hex(002E1B)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 7.76 Passed ⁶
Hex(003B22)	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 6.62 AA ¹ AAA 18pt ⁴
Hex(002B2E)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 7.88 Passed ⁶
Hex(151716)	Ratio: 1.21 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 9.36 Passed ⁶
Hex(005732)	Ratio: 1.71 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(00D67C)	Ratio: 7.76 Passed ⁶	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 7.88 Passed ⁶	Ratio: 9.36 Passed ⁶	Ratio: 4.53 AA ¹ AAA 18pt ⁴	

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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