

Converting Colors - WCAG Matrix

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

Hex(001630) Hex(001D40) Hex(020030) Hex(17181A) Hex(002859) Hex(0062D9)

Hex(001630)		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(001D40)	Ratio: 1.08 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(020030)	Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(17181A)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(002859)	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	
Hex(0062D9)	Ratio: 3.24 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.59 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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