

Converting Colors - WCAG Matrix

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

Hex(3B0611) Hex(4D0010) Hex(063B15) Hex(1F1C1C) Hex(5E0014) Hex(DE002E)

	Hex(3B0611)	Hex(4D0010)	Hex(063B15)	Hex(1F1C1C)	Hex(5E0014)	Hex(DE002E)
Hex(3B0611)		Ratio: 1.08 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(4D0010)	Ratio: 1.08 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(063B15)	Ratio: 1.35 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(1F1C1C)	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(5E0014)	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(DE002E)	Ratio: 3.40 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.79 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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