

Converting Colors - WCAG Matrix

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

Hex(2F1517) Hex(3D1518) Hex(15242F) Hex(171515) Hex(570007) Hex(D60010)

	Hex(2F1517)	Hex(3D1518)	Hex(15242F)	Hex(171515)	Hex(570007)	Hex(D60010)
Hex(2F1517)		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(3D1518)	Ratio: 1.06 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(15242F)	Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(171515)	Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(570007)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(D60010)	Ratio: 3.12 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.75 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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