

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CC001F) Hex(FF0026) Hex(85CC00) Hex(665C5D) Hex(A60019) Hex(260006)

Hex(CC001F)		Ratio: 1.47 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(FF0026)	Ratio: 1.47 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(85CC00)	Ratio: 2.96 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 9.80 Passed ⁶
Hex(665C5D)	Ratio: 1.10 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.27 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60019)	Ratio: 1.36 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260006)	Ratio: 3.31 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 9.80 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.43 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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