

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CD0020) Hex(FF0028) Hex(CD4400) Hex(665C5D) Hex(A6001A) Hex(260006)

	Hex(CD0020)	Hex(FF0028)	Hex(CD4400)	Hex(665C5D)	Hex(A6001A)	Hex(260006)
Hex(CD0020)		Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(FF0028)	Ratio: 1.46 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(CD4400)	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.08 AA 18pt ²
Hex(665C5D)	Ratio: 1.11 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6001A)	Ratio: 1.37 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260006)	Ratio: 3.33 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	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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