

Converting Colors - WCAG Matrix

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

Hex(CC003A) Hex(FF0048) Hex(CC2900) Hex(665C5F) Hex(A6002F) Hex(26000B)

	Hex(CC003A)	Hex(FF0048)	Hex(CC2900)	Hex(665C5F)	Hex(A6002F)	Hex(26000B)
Hex(CC003A)		Ratio: 1.47 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(FF0048)	Ratio: 1.47 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(CC2900)	Ratio: 1.07 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(665C5F)	Ratio: 1.11 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6002F)	Ratio: 1.36 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(26000B)	Ratio: 3.34 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.45 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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