

Converting Colors - WCAG Matrix

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

	Hex(CC0063)	Hex(AD004B)	Hex(8F0035)	Hex(710020)	Hex(540007)	Hex(350002)	Hex(040000)	Hex(000000)
Hex(CC0063)		Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.75 AA 18pt ²
Hex(AD004B)	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(8F0035)	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(710020)	Ratio: 2.18 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(540007)	Ratio: 2.72 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(350002)	Ratio: 3.25 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(040000)	Ratio: 3.73 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 3.75 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 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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