

Converting Colors - WCAG Matrix

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

	Hex(CC3D3D)	Hex(AD1D27)	Hex(8E0012)	Hex(700000)	Hex(520000)	Hex(360002)	Hex(070000)	Hex(000000)
Hex(CC3D3D)		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 4.30 AA 18pt ²
Hex(AD1D27)	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(8E0012)	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(700000)	Ratio: 2.55 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(520000)	Ratio: 3.17 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(360002)	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(070000)	Ratio: 4.26 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 4.30 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 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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