

Converting Colors - WCAG Matrix

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

	Hex(AD0028)	Hex(8E0014)	Hex(700000)	Hex(510001)	Hex(350002)	Hex(020000)	Hex(000000)
Hex(AD0028)		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(8E0014)	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(700000)	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(510001)	Ratio: 2.08 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(350002)	Ratio: 2.44 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(020000)	Ratio: 2.80 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.81 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.00 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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