

Converting Colors - WCAG Matrix

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

Hex(8C0012) Hex(B50017) Hex(8C3300) Hex(453E3F) Hex(850011) Hex(050001)

	Hex(8C0012)	Hex(B50017)	Hex(8C3300)	Hex(453E3F)	Hex(850011)	Hex(050001)
Hex(8C0012)		Ratio: 1.40 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(B50017)	Ratio: 1.40 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(8C3300)	Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(453E3F)	Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(850011)	Ratio: 1.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(050001)	Ratio: 2.11 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.99 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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