

Converting Colors - WCAG Matrix

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

	Hex(C9423B)	Hex(AA2425)	Hex(8C0010)	Hex(6E0000)	Hex(500000)	Hex(350002)	Hex(010000)	Hex(000000)
Hex(C9423B)		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 4.33 AA 18pt ²
Hex(AA2425)	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(8C0010)	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(6E0000)	Ratio: 2.60 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(500000)	Ratio: 3.23 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(350002)	Ratio: 3.75 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(010000)	Ratio: 4.32 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 4.33 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.34 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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