

Converting Colors - WCAG Matrix

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

	Hex(BA2525)	Hex(9B0010)	Hex(7C0000)	Hex(5D0000)	Hex(410002)	Hex(210001)	Hex(000000)
Hex(BA2525)		Ratio: 1.41 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.38 AA 18pt ²
Hex(9B0010)	Ratio: 1.41 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(7C0000)	Ratio: 1.82 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(5D0000)	Ratio: 2.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(410002)	Ratio: 2.76 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(210001)	Ratio: 3.17 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 3.38 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.07 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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