

Converting Colors - WCAG Matrix

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

	Hex(B94D5F)	Hex(9C3347)	Hex(7F1531)	Hex(63001D)	Hex(480002)	Hex(2E0002)	Hex(000000)
Hex(B94D5F)		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 4.29 AA 18pt ²
Hex(9C3347)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(7F1531)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(63001D)	Ratio: 2.77 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(480002)	Ratio: 3.36 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(2E0002)	Ratio: 3.84 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 4.29 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 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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