

Converting Colors - WCAG Matrix

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

	Hex(9C6565)	Hex(814D4D)	Hex(663536)	Hex(4D1F21)	Hex(35090B)	Hex(1E0001)	Hex(000000)
Hex(9C6565)		Ratio: 1.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(814D4D)	Ratio: 1.44 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(663536)	Ratio: 2.10 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(4D1F21)	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(35090B)	Ratio: 3.73 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(1E0001)	Ratio: 4.23 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 4.46 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 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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