

Converting Colors - WCAG Matrix

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

Hex(996767) Hex(7E4E4F) Hex(643738) Hex(4B2122) Hex(330B0C) Hex(1C0001) Hex(000000)

	Hex(996767)	Hex(7E4E4F)	Hex(643738)	Hex(4B2122)	Hex(330B0C)	Hex(1C0001)	Hex(000000)
Hex(996767)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 4.49 AA 18pt ²
Hex(7E4E4F)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(643738)	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(4B2122)	Ratio: 2.92 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(330B0C)	Ratio: 3.76 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(1C0001)	Ratio: 4.28 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 4.49 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.05 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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