

Converting Colors - WCAG Matrix

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

Hex(745564) Hex(5B3E4C) Hex(432735) Hex(2C1320) Hex(1A0009) Hex(000000)

	Hex(745564)	Hex(5B3E4C)	Hex(432735)	Hex(2C1320)	Hex(1A0009)	Hex(000000)
Hex(745564)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.23 AA 18pt ²
Hex(5B3E4C)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(432735)	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(2C1320)	Ratio: 2.64 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(1A0009)	Ratio: 3.08 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 3.23 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 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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