

Converting Colors - WCAG Matrix

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

Hex(805361) Hex(663B49) Hex(4D2533) Hex(360F1E) Hex(230004) Hex(000000)

	Hex(805361)	Hex(663B49)	Hex(4D2533)	Hex(360F1E)	Hex(230004)	Hex(000000)
Hex(805361)		Ratio: 1.46 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.33 AA 18pt ²
Hex(663B49)	Ratio: 1.46 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(4D2533)	Ratio: 2.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(360F1E)	Ratio: 2.68 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(230004)	Ratio: 3.10 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 3.33 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 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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