

Converting Colors - WCAG Matrix

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

Hex(806777) Hex(674F5E) Hex(4F3847) Hex(372230) Hex(220D1B) Hex(000000)

	Hex(806777)	Hex(674F5E)	Hex(4F3847)	Hex(372230)	Hex(220D1B)	Hex(000000)
Hex(806777)		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.12 AA 18pt ²
Hex(674F5E)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(4F3847)	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(372230)	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(220D1B)	Ratio: 3.61 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 4.12 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 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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