

Converting Colors - WCAG Matrix

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

Hex(806669) Hex(A67E83) Hex(807066) Hex(40393A) Hex(80000F) Hex(000000)

Hex(806669)		Ratio: 1.48 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 2.16 Failed⁵	Ratio: 2.09 Failed⁵
Hex(A67E83)	Ratio: 1.48 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 3.18 AA 18pt²	Ratio: 3.08 AA 18pt²
Hex(807066)	Ratio: 1.10 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 2.37 Failed⁵	Ratio: 2.30 Failed⁵
Hex(40393A)	Ratio: 2.16 Failed⁵	Ratio: 3.18 AA 18pt²	Ratio: 2.37 Failed⁵		Ratio: 1.03 Failed⁵
Hex(80000F)	Ratio: 2.09 Failed⁵	Ratio: 3.08 AA 18pt²	Ratio: 2.30 Failed⁵	Ratio: 1.03 Failed⁵	
Hex(000000)	Ratio: 4.02 AA 18pt²	Ratio: 5.93 AA¹	Ratio: 4.43 AA 18pt²	Ratio: 1.86 Failed⁵	Ratio: 1.92 Failed⁵

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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