

Converting Colors - WCAG Matrix

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

Hex(7F807E) Hex(A5A6A4) Hex(7E807F) Hex(3F403F) Hex(248000) Hex(000000)

	Hex(7F807E)	Hex(A5A6A4)	Hex(7E807F)	Hex(3F403F)	Hex(248000)	Hex(000000)
Hex(7F807E)		Ratio: 1.62 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴
Hex(A5A6A4)	Ratio: 1.62 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 8.59 Passed ⁶
Hex(7E807F)	Ratio: 1.00 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(3F403F)	Ratio: 2.62 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(248000)	Ratio: 1.27 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.16 AA 18pt ²
Hex(000000)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 8.59 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 4.16 AA 18pt ²	

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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