

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7F7563) Hex(A6967B) Hex(7C7F63) Hex(403D39) Hex(7F5100) Hex(000000)

Hex(7F7563)		Ratio: 1.57 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 2.38 Failed⁵	Ratio: 1.50 Failed⁵	Ratio: 4.63 AA¹ AAA 18pt⁴
Hex(A6967B)	Ratio: 1.57 Failed⁵		Ratio: 1.43 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 2.36 Failed⁵	Ratio: 7.27 Passed⁶
Hex(7C7F63)	Ratio: 1.10 Failed⁵	Ratio: 1.43 Failed⁵		Ratio: 2.61 Failed⁵	Ratio: 1.65 Failed⁵	Ratio: 5.07 AA¹ AAA 18pt⁴
Hex(403D39)	Ratio: 2.38 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 2.61 Failed⁵		Ratio: 1.58 Failed⁵	Ratio: 1.94 Failed⁵
Hex(7F5100)	Ratio: 1.50 Failed⁵	Ratio: 2.36 Failed⁵	Ratio: 1.65 Failed⁵	Ratio: 1.58 Failed⁵		Ratio: 3.08 AA 18pt²
Hex(000000)	Ratio: 4.63 AA¹ AAA 18pt⁴	Ratio: 7.27 Passed⁶	Ratio: 5.07 AA¹ AAA 18pt⁴	Ratio: 1.94 Failed⁵	Ratio: 3.08 AA 18pt²	

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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