

Converting Colors - WCAG Matrix

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

	Hex(7F6676)	Hex(7F737A)	Hex(7F7F7F)	Hex(7F8C83)	Hex(7F9988)	Hex(7FA58D)	Hex(7FB291)	Hex(7FBF96)	Hex(7FCB9A)	Hex(7FD89F)
Hex(7F6676)		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(7F737A)	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(7F7F7F)	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(7F8C83)	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(7F9988)	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(7FA58D)	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(7FB291)	Ratio: 2.14 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(7FBF96)	Ratio: 2.41 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(7FCB9A)	Ratio: 2.68 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(7FD89F)	Ratio: 3.01 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 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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