

Converting Colors - WCAG Matrix

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

	Hex(7D5464)	Hex(7D616C)	Hex(7D6D73)	Hex(7D7A7B)	Hex(7D8682)	Hex(7D938A)	Hex(7D9F92)	Hex(7DAC99)	Hex(7DB8A1)	Hex(7DC5A9)
Hex(7D5464)		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(7D616C)	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(7D6D73)	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(7D7A7B)	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(7D8682)	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(7D938A)	Ratio: 1.93 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(7D9F92)	Ratio: 2.18 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(7DAC99)	Ratio: 2.48 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(7DB8A1)	Ratio: 2.78 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(7DC5A9)	Ratio: 3.14 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 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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