

Converting Colors - WCAG Matrix

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

	Hex(7A7A7A)	Hex(7A8787)	Hex(7A9494)	Hex(7A9E9E)	Hex(7AABAB)	Hex(7AB8B8)	Hex(7AC4C4)	Hex(7AD1D1)	Hex(7ADBDB)	Hex(7AE8E8)
Hex(7A7A7A)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(7A8787)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(7A9494)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(7A9E9E)	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(7AABAB)	Ratio: 1.68 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(7AB8B8)	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(7AC4C4)	Ratio: 2.15 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(7AD1D1)	Ratio: 2.43 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(7ADBDB)	Ratio: 2.65 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(7AE8E8)	Ratio: 2.97 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 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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