

Converting Colors - WCAG Matrix

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

	Hex(69979D)	Hex(79999D)	Hex(889B9D)	Hex(989C9D)	Hex(A89E9D)	Hex(B8A09D)	Hex(C7A29D)	Hex(D7A49D)	Hex(E7A59D)	Hex(F6A79D)
Hex(69979D)		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(79999D)	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(889B9D)	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(989C9D)	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(A89E9D)	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(B8A09D)	Ratio: 1.31 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(C7A29D)	Ratio: 1.39 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(D7A49D)	Ratio: 1.49 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(E7A59D)	Ratio: 1.58 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(F6A79D)	Ratio: 1.68 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 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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