

Converting Colors - WCAG Matrix

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

	Hex(00619C)	Hex(0F669C)	Hex(1F6E9C)	Hex(2E739C)	Hex(3D789C)	Hex(4F7D9C)	Hex(5C859C)	Hex(6E8A9C)	Hex(7D8F9C)	Hex(8C969C)
Hex(00619C)		Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(0F669C)	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(1F6E9C)	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(2E739C)	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(3D789C)	Ratio: 1.37 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(4F7D9C)	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(5C859C)	Ratio: 1.66 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(6E8A9C)	Ratio: 1.81 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(7D8F9C)	Ratio: 1.97 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(8C969C)	Ratio: 2.18 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 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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