

# Converting Colors - WCAG Matrix

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

	Hex(989A8C)	Hex(969A7D)	Hex(939A6D)	Hex(919A5E)	Hex(8F9A4F)	Hex(8D9A3F)	Hex(8B9A30)	Hex(899A21)	Hex(879A11)	Hex(849A02)
Hex(989A8C)		Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>
Hex(969A7D)	Ratio: 1.02 Failed <sup>5</sup>		Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>
Hex(939A6D)	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>
Hex(919A5E)	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>
Hex(8F9A4F)	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>
Hex(8D9A3F)	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>
Hex(8B9A30)	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>
Hex(899A21)	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>
Hex(879A11)	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>		Ratio: 1.01 Failed <sup>5</sup>
Hex(849A02)	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).