

# Converting Colors - WCAG Matrix

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

	Hex(5A3C46)	Hex(5A454C)	Hex(5A4E52)	Hex(5A5758)	Hex(5A605E)	Hex(5A6964)	Hex(5A726B)	Hex(5A7B71)	Hex(5A8477)	Hex(5A8D7D)
Hex(5A3C46)		Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.51 Failed <sup>5</sup>	Ratio: 1.68 Failed <sup>5</sup>	Ratio: 1.87 Failed <sup>5</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 2.31 Failed <sup>5</sup>	Ratio: 2.55 Failed <sup>5</sup>
Hex(5A454C)	Ratio: 1.10 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>	Ratio: 2.09 Failed <sup>5</sup>	Ratio: 2.32 Failed <sup>5</sup>
Hex(5A4E52)	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>	Ratio: 2.09 Failed <sup>5</sup>
Hex(5A5758)	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>
Hex(5A605E)	Ratio: 1.51 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.69 Failed <sup>5</sup>
Hex(5A6964)	Ratio: 1.68 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>
Hex(5A726B)	Ratio: 1.87 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>
Hex(5A7B71)	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>
Hex(5A8477)	Ratio: 2.31 Failed <sup>5</sup>	Ratio: 2.09 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>	Ratio: 1.70 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>		Ratio: 1.11 Failed <sup>5</sup>
Hex(5A8D7D)	Ratio: 2.55 Failed <sup>5</sup>	Ratio: 2.32 Failed <sup>5</sup>	Ratio: 2.09 Failed <sup>5</sup>	Ratio: 1.89 Failed <sup>5</sup>	Ratio: 1.69 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.11 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).