

# Converting Colors - WCAG Matrix

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

**Hex(F0924B) Hex(FFFFFF) Hex(FFC97F) Hex(FFE599) Hex(FFFFB5) Hex(FFFFD1) Hex(FFFED)**

	Hex(F0924B)	Hex(FFFFFF)	Hex(FFC97F)	Hex(FFE599)	Hex(FFFFB5)	Hex(FFFFD1)	Hex(FFFED)
Hex(F0924B)		<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.56</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.90</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.33</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.51</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFC97F)	<a href="#">Ratio: 1.56</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.51</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.22</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.47</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.49</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFE599)	<a href="#">Ratio: 1.90</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.22</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFB5)	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFD1)	<a href="#">Ratio: 2.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.47</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFED)	<a href="#">Ratio: 2.33</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.49</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	

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](http://convertingcolors.com).