

# Converting Colors - WCAG Matrix

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

**Hex(FFE468) Hex(FFFFFF) Hex(FFF9F) Hex(FFFBB) Hex(FFFD7) Hex(FFFF5)**

	Hex(FFE468)	Hex(FFFFFF)	Hex(FFF9F)	Hex(FFFBB)	Hex(FFFD7)	Hex(FFFF5)
Hex(FFE468)		<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>
Hex(FFFFFF)	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>
Hex(FFF9F)	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>
Hex(FFFBB)	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>
Hex(FFFD7)	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>
Hex(FFFF5)	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> 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.

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