

Converting Colors

CIELCh(97, 7.161, 167.843)

Have a look what the booklet for
CIELCh(97, 7.161, 167.843) contains.

CIELCh(97, 6.971, 168.167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 6.971, 168.167)

Conversions

Conversions Part 1

Format	Color
Hex	E9FAF3
RGB	233, 250, 243
RGB Percent	91%, 98%, 95%
CMY	0.0850, 0.0183, 0.0458
CMYK	0.07, 0.00, 0.03, 0.02
HSL	155°, 65%, 95%
HSV	155°, 7%, 98%
XYZ	84.2209, 92.4403, 98.4525
YIQ	244.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

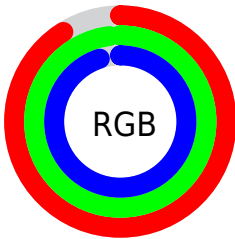
Format	Color
R_{YB}	233, 244, 250
Decimal	15334131
CIE Lab	97.00, -6.82, 1.43
CIE LCh	97, 6.971, 168.167
Yxy	92.4403, 0.3061, 0.3360
Android (android.graphics.Color)	4293524211 (0xFFE9FAF3)
YUV	244.1190, -0.5517, -9.7514
Hunter-Lab	96.1459, -11.8946, 6.5897

Details

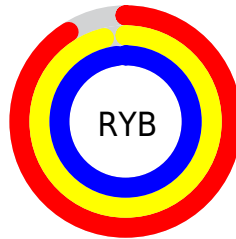
The CIELCh color **97, 6.971, 168.167** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.072, 349.224**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.310, 167.983** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.186, 167.162**, and if you desaturate by 10%, it is **99, 2.368, 333.933**.

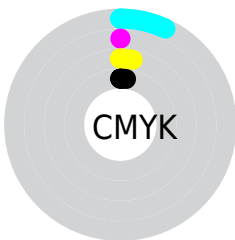
Distribution



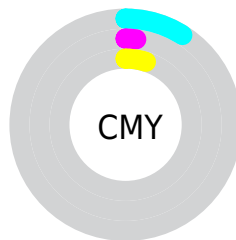
- Red (91%)
- Green (98%)
- Blue (95%)



- Red (91%)
- Yellow (96%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.971, 168.167 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 6.971, 168.167 by changing the saturation by 10% instead.

 97, 6.971, 168.167

 97, 6.971, 168.167

 100, 6.971,
168.167

 87, 6.971, 168.167

 77, 6.971, 168.167

 67, 6.971, 168.167

 57, 6.971, 168.167

 47, 6.971, 168.167

 37, 6.971, 168.167

 27, 6.971, 168.167

 17, 6.971, 168.167

 7, 6.971, 168.167

97, 6.971, 168.167

97, 6.971, 168.167

95, 17.186,
167.162

99, 2.368, 333.933

99, 2.909, 324.437

93, 27.206,
166.103

92, 36.876,
164.936

91, 46.022,
163.632

90, 54.471,
162.167

89, 62.066,
160.515

88, 68.701,
158.653

88, 74.342,
156.575

■ 87,79.064,
154.298

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97, 6.971, 168.167



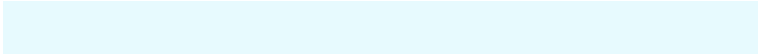
94, 7.072, 349.224

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



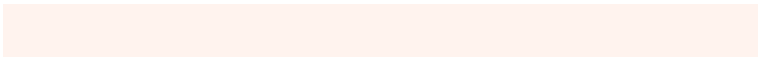
97, 6.971, 168.167



97, 6.971, 218.167



97, 6.971, 348.167



97, 6.971, 38.167

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 6.973, 168.159



100, 2.079, 168.765



97, 9.387, 131.657



53, 1.182, 168.787



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

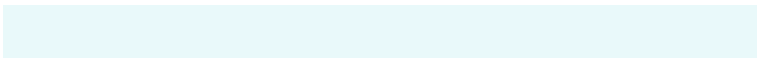
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.973, 168.159



98, 8.334, 168.036



97, 5.409, 206.901



51, 5.824, 167.889



68, 64.541, 153.999



22, 27.466, 157.373

Inverse Universe

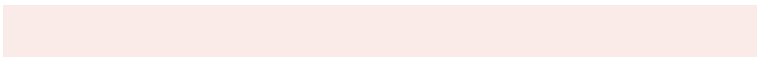
The Inverse Universe completely reimagines the original color for something new.



94, 7.072, 349.224



95, 8.468, 349.348



94, 5.651, 27.053



49, 5.932, 349.499



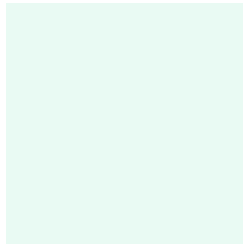
40, 67.512, 10.597



10, 30.515, 3.408

Previews

White Background



This preview shows how the CIE LCh color 97, 6.971, 168.167 looks on a white background.

Color Contrast Check

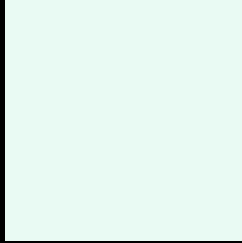
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 6.971, 168.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

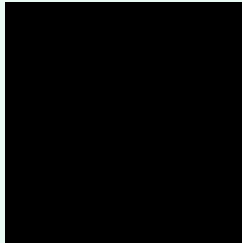
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

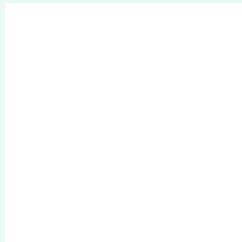
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.971, 168.167

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.971, 168.167.

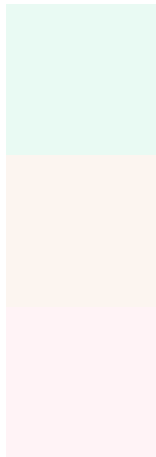


This preview shows how white text looks on a background with the CIELCh color 97, 6.971, 168.167.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

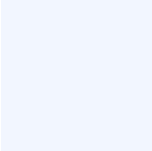
97, 6.971, 168.167

Protanopia

97, 3.546, 65.245

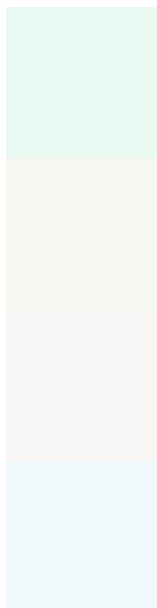
Deuteranopia

97, 4.532, 359.827



Tritanopia
97, 4.790, 273.817

Trichromacy



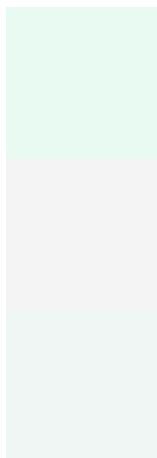
Original Color
97, 6.971, 168.167

Protanomaly
97, 3.140, 122.941

Deuteranomaly
97, 0.608, 74.613

Tritanomaly
97, 3.451, 225.831

Monochromacy



Original Color
97, 6.971, 168.167

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.346, 173.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.971, 168.167 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 250, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 250, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.971, 168.167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 250, 243) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 250, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 250, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 250,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.971, 168.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 250, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
250, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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