

Converting Colors

CIE LCh(99, 4.153, 158.147)

Have a look what the booklet for
CIELCh(99, 4.153, 158.147) contains.

CIELCh(99, 4.064, 160.611)	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(99, 4.064, 160.611)

Conversions

Conversions Part 1

Format	Color
Hex	F5FEF9
RGB	245, 254, 249
RGB Percent	96%, 100%, 98%
CMY	0.0379, 0.0026, 0.0222
CMYK	0.04, 0.00, 0.02, 0.00
HSL	147°, 87%, 98%
HSV	147°, 4%, 100%
XYZ	90.4779, 97.4360, 103.9403
YIQ	250.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

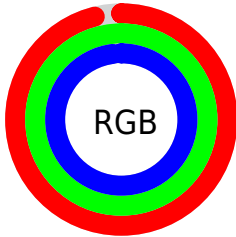
Format	Color
R_{YB}	245, 251, 254
Decimal	16121593
CIE Lab	99.00, -3.83, 1.35
CIE LCh	99, 4.064, 160.611
Yxy	97.4360, 0.3100, 0.3339
Android (android.graphics.Color)	4294311673 (0xFF5FEF9)
YUV	250.7390, -0.8573, -5.0331
Hunter-Lab	98.7097, -9.1277, 6.6650

Details

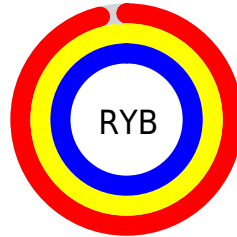
The CIELCh color 99, 4.064, 160.611 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.096, 340.929, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.643, 163.431 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.610, 159.677, and if you desaturate by 10%, it is 100, 0.414, 323.708.

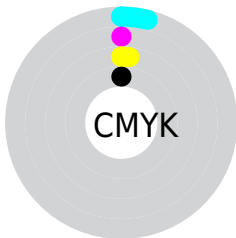
Distribution



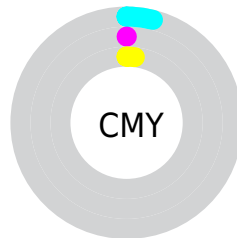
- Red (96%)
- Green (100%)
- Blue (98%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.064, 160.611 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 99, 4.064, 160.611 by changing the saturation by 10% instead.

 99, 4.064, 160.611

 99, 4.064, 160.611

 100, 4.064,
160.611

 89, 4.064, 160.611

 79, 4.064, 160.611

 69, 4.064, 160.611

 59, 4.064, 160.611

 49, 4.064, 160.611

 39, 4.064, 160.611

 29, 4.064, 160.611

 19, 4.064, 160.611

 9, 4.064, 160.611

99, 4.064, 160.611

99, 4.064, 160.611

97, 15.610,
159.677

100, 0.414,
323.708

95, 27.101,
158.722

93, 38.379,
157.650

92, 49.257,
156.435

91, 59.529,
155.049

90, 68.998,
153.469

89, 77.497,
151.678

89, 84.923,
149.675

■ 88, 91.267,
147.485

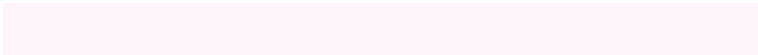
Harmonies

Complementary

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



99, 4.064, 160.611



97, 4.096, 340.929

Rectangle

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



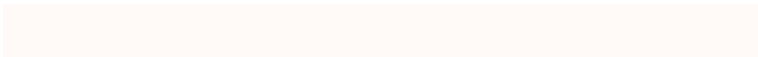
99, 4.064, 160.611



99, 4.064, 210.611



99, 4.064, 340.611



99, 4.064, 30.611

Sweetspot

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



99, 4.066, 160.601



100, 1.143, 161.092



99, 4.780, 126.565



53, 0.650, 161.117



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

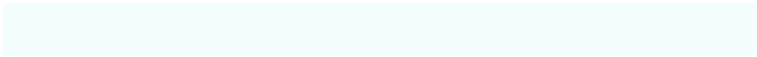
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.066, 160.601



99, 4.605, 160.551



99, 3.140, 193.829



53, 3.274, 160.475



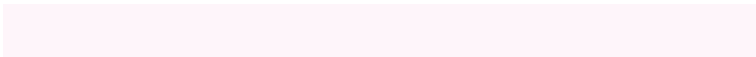
68, 75.890, 146.454



23, 32.659, 149.646

Inverse Universe

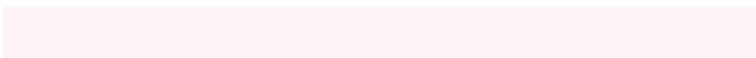
The Inverse Universe completely reimagines the original color for something new.



97, 4.096, 340.929



97, 4.638, 340.978



97, 3.205, 13.940



52, 3.298, 341.054



41, 69.173, 356.909



11, 32.503, 352.191

Previews

White Background



This preview shows how the CIE LCh color 99, 4.064, 160.611 looks on a white background.

Color Contrast Check

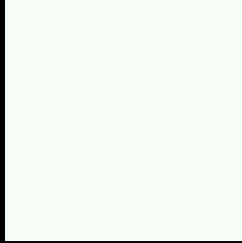
Large Text (above 18pt) WCAG AA × Fail

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 99, 4.064, 160.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

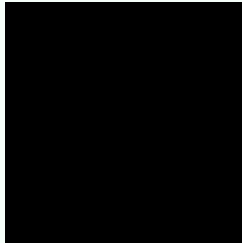
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.064, 160.611

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.064, 160.611.

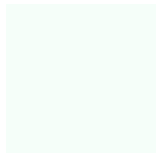


This preview shows how white text looks on a background with the CIELCh color 99, 4.064, 160.611.

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
99, 4.064, 160.611



Protanopia
99, 1.723, 55.170

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 4.064, 160.611

Protanomaly

99, 1.558, 123.031

Deuteranomaly

99, 0.611, 144.922

Tritanomaly

99, 1.044, 199.970

Monochromacy



Original Color

99, 4.064, 160.611

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.463, 155.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.064, 160.611 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(245, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 249)  
}
```

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(245, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.064, 160.611 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(245, 254, 249) }
```

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

```
.border{ border-color:rgb(245, 254, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.064, 160.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 249) }
```

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

```
.background{ background-color: rgb(245,  
254, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor