

Converting Colors

CIE LCh(99, 4.131, 169.187)

Have a look what the booklet for
CIELCh(99, 4.131, 169.187) contains.

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Color

CIELCh(99, 4.624, 165.916)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFFA
RGB	244, 255, 250
RGB Percent	96%, 100%, 98%
CMY	0.0441, 0.0010, 0.0206
CMYK	0.04, 0.00, 0.02, 0.00
HSL	153°, 96%, 98%
HSV	153°, 4%, 100%
XYZ	90.1189, 97.4360, 104.2953
YIQ	251.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

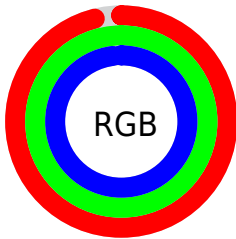
Format	Color
R_{YB}	244, 251, 255
Decimal	16056314
CIE _{Lab}	99.00, -4.49, 1.13
CIE _{LCh}	99, 4.624, 165.916
Yxy	97.4360, 0.3088, 0.3339
Android (android.graphics.Color)	4294246394 (0xFFFF4FFFA)
YUV	251.1410, -0.5625, -6.2627
Hunter-Lab	98.7097, -9.7770, 6.4518

Details

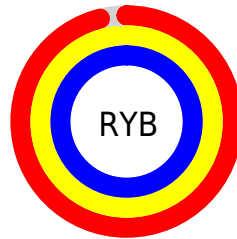
The CIELCh color 99, 4.624, 165.916 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.670, 346.427, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.250, 169.076 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.342, 164.917, and if you desaturate by 10%, it is 100, 0.162, 322.529.

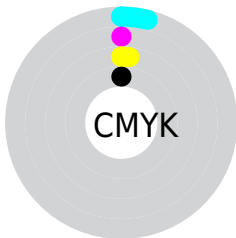
Distribution



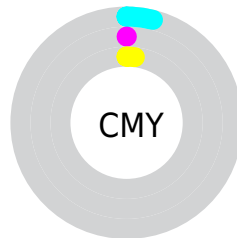
- Red (96%)
- Green (100%)
- Blue (98%)



- 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, 4.624, 165.916 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, 4.624, 165.916 by changing the saturation by 10% instead.

 99, 4.624, 165.916

 99, 4.624, 165.916

 100, 4.624,
165.916

 89, 4.624, 165.916

 79, 4.624, 165.916

 69, 4.624, 165.916

 59, 4.624, 165.916

 49, 4.624, 165.916

 39, 4.624, 165.916

 29, 4.624, 165.916

 19, 4.624, 165.916

 9, 4.624, 165.916

99, 4.624, 165.916

99, 4.624, 165.916

97, 15.342,
164.917

100, 0.162,
322.529

95, 25.929,
163.897

94, 36.232,
162.770


92, 46.073,
161.507

91, 55.267,
160.081

90, 63.641,
158.468

90, 71.062,
156.645

89, 77.465,
154.603

 89, 82.884,
152.357

Harmonies

Complementary

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



99, 4.624, 165.916



97, 4.670, 346.427

Rectangle

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



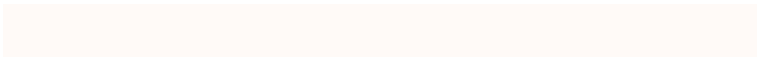
99, 4.624, 165.916



99, 4.624, 215.916



99, 4.624, 345.916



99, 4.624, 35.916

Sweetspot

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



99, 4.626, 165.904



100, 1.066, 166.555



99, 5.970, 130.066



53, 0.606, 166.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

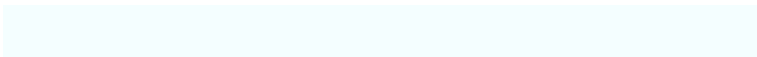
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.626, 165.904



99, 5.362, 165.830



99, 3.676, 202.266



53, 3.659, 165.757



68, 68.434, 151.477



23, 29.595, 154.711

Inverse Universe

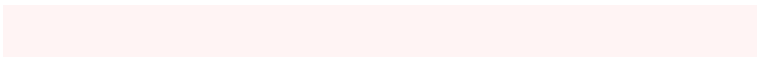
The Inverse Universe completely reimagines the original color for something new.



97, 4.670, 346.427



97, 5.416, 346.501



97, 3.779, 22.318



51, 3.698, 346.575



41, 67.998, 6.477



10, 31.516, 0.193

Previews

White Background



This preview shows how the CIE LCh color 99, 4.624, 165.916 looks on a white background.

Color Contrast Check

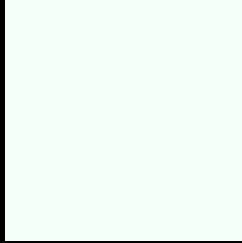
Large Text (above 18pt) WCAG AA × Fail

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, 4.624, 165.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

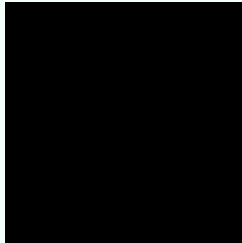
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.624, 165.916

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.624, 165.916.

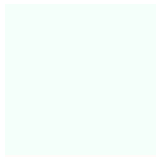


This preview shows how white text looks on a background with the CIELCh color 99, 4.624, 165.916.

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, 4.624, 165.916



Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 4.624, 165.916

Protanomaly

99, 1.558, 123.031

Deuteranomaly

99, 0.611, 144.922

Tritanomaly

99, 1.738, 199.673

Monochromacy



Original Color

99, 4.624, 165.916

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.488, 179.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.624, 165.916 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(244, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 250)  
}
```

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(244, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.624, 165.916 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(244, 255, 250) }
```

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

```
.border{ border-color:rgb(244, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.624, 165.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 250) }
```

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

```
.background{ background-color: rgb(244,  
255, 250) }
```

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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