

Converting Colors

CIE LCh(99, 5.644, 149.150)

Have a look what the booklet for
CIELCh(99, 5.644, 149.150) contains.

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Color

CIELCh(99, 5.793, 147.099)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF6
RGB	245, 255, 246
RGB Percent	96%, 100%, 96%
CMY	0.0399, 0.0006, 0.0360
CMYK	0.04, 0.00, 0.04, 0.00
HSL	126°, 97%, 98%
HSV	126°, 4%, 100%
XYZ	89.9105, 97.4360, 101.1199
YIQ	250.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

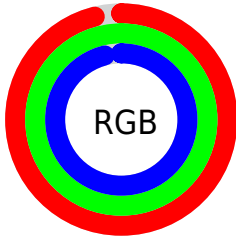
Format	Color
R_{YB}	245, 254, 255
Decimal	16121846
CIE Lab	99.00, -4.86, 3.15
CIE LCh	99, 5.793, 147.099
Yxy	97.4360, 0.3117, 0.3378
Android (android.graphics.Color)	4294311926 (0xFFFF5FFF6)
YUV	250.9840, -2.4571, -5.2480
Hunter-Lab	98.7097, -10.1538, 8.3591

Details

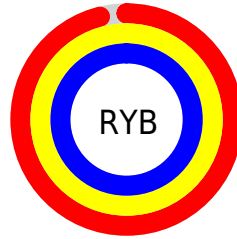
The CIELCh color 99, 5.793, 147.099 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.817, 327.442, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.429, 147.396 is the 20% darker color. If you saturate the color by 10%, you get 97, 20.715, 146.394, and if you desaturate by 10%, it is 100, 0.113, 321.699.

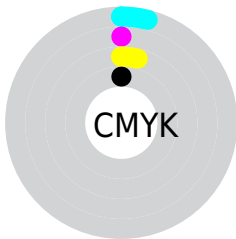
Distribution



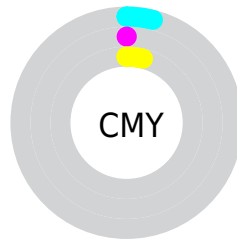
- Red (96%)
- Green (100%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.793, 147.099 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, 5.793, 147.099 by changing the saturation by 10% instead.

 99, 5.793, 147.099

 99, 5.793, 147.099

 100, 5.793,
147.099

 89, 5.793, 147.099

 79, 5.793, 147.099

 69, 5.793, 147.099

 59, 5.793, 147.099

 49, 5.793, 147.099

 39, 5.793, 147.099

 29, 5.793, 147.099

 19, 5.793, 147.099

 9, 5.793, 147.099

99, 5.793, 147.099

99, 5.793, 147.099

97, 20.715,
146.394

100, 0.113,
321.699

95, 35.681,
145.611

93, 50.465,
144.702

91, 64.777,
143.652

90, 78.261,
142.460

89, 90.509,
141.147

89, 101.074,
139.769

88, 109.499,
138.424

■ 88,115.397,
137.249

Harmonies

Complementary

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



99, 5.793, 147.099



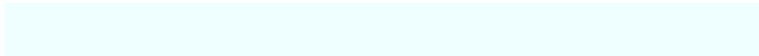
97, 5.817, 327.442

Rectangle

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



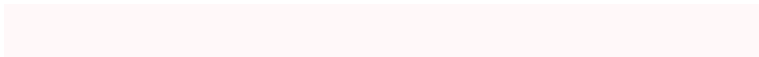
99, 5.793, 147.099



99, 5.793, 197.099



99, 5.793, 327.099



99, 5.793, 17.099

Sweetspot

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



99, 5.796, 147.098



100, 1.466, 147.445



100, 5.074, 113.120



53, 0.833, 147.460



0, 0.000, 0.000



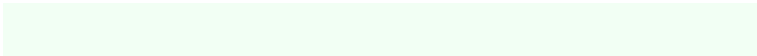
53, 0.007, 296.813

Same Dimension

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



99, 5.796, 147.098



99, 7.395, 147.019



99, 4.098, 168.184



53, 5.049, 146.970



68, 94.464, 136.884



22, 41.641, 138.728

Inverse Universe

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



97, 5.817, 327.442



97, 7.417, 327.517



97, 4.141, 348.620



51, 5.062, 327.563



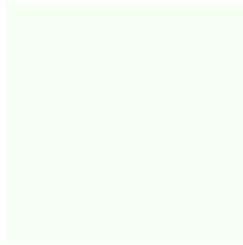
44, 86.045, 332.672



12, 39.960, 332.086

Previews

White Background



This preview shows how the CIELCh color 99, 5.793, 147.099 looks on a white background.

Color Contrast Check

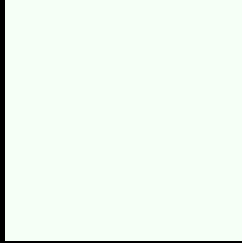
Large Text (above 18pt) WCAG AA × Fail

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, 5.793, 147.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

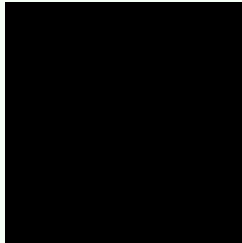
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.793, 147.099

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.793, 147.099.

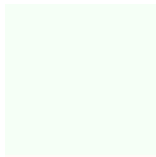


This preview shows how white text looks on a background with the CIELCh color 99, 5.793, 147.099.

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, 5.793, 147.099



Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.793, 147.099

Protanomaly

99, 2.559, 117.865

Deuteranomaly

99, 1.069, 129.166

Tritanomaly

99, 1.486, 179.770

Monochromacy



Original Color

99, 5.793, 147.099

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.855, 144.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.793, 147.099 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, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 246)  
}
```

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, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.793, 147.099 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, 255, 246) }
```

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

```
.border{ border-color:rgb(245, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.793, 147.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 246) }
```

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

```
.background{ background-color: rgb(245,  
255, 246) }
```

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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