

Converting Colors

CIELCh(100, 7.786, 148.298)

Have a look what the booklet for
CIELCh(100, 7.786, 148.298)
contains.

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Color

CIELCh(99, 5.395, 150.349)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF7
RGB	245, 255, 247
RGB Percent	96%, 100%, 97%
CMY	0.0402, 0.0009, 0.0323
CMYK	0.04, 0.00, 0.03, 0.00
HSL	132°, 96%, 98%
HSV	132°, 4%, 100%
XYZ	90.0069, 97.4360, 101.8644
YIQ	251.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

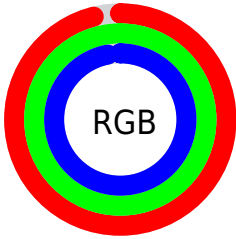
Format	Color
R_{YB}	245, 253, 255
Decimal	16121847
CIE _{Lab}	99.00, -4.69, 2.67
CIE _{LCh}	99, 5.395, 150.349
Yxy	97.4360, 0.3111, 0.3368
Android (android.graphics.Color)	4294311927 (0xFFFF5FFF7)
YUV	251.0980, -2.0203, -5.3479
Hunter-Lab	98.7097, -9.9795, 7.9119

Details

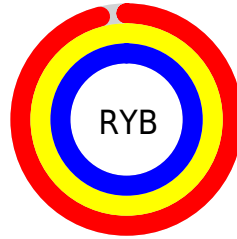
The CIELCh color 99, 5.395, 150.349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.421, 330.702, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.014, 151.091 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.280, 149.597, and if you desaturate by 10%, it is 100, 0.156, 322.464.

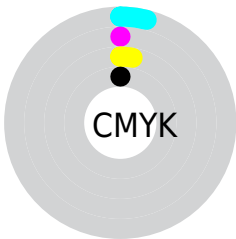
Distribution



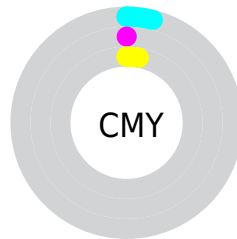
- Red (96%)
- Green (100%)
- Blue (97%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.395, 150.349 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, 5.395, 150.349 by changing the saturation by 10% instead.

 99, 5.395, 150.349

 99, 5.395, 150.349

 100, 5.395,
150.349

 89, 5.395, 150.349

 79, 5.395, 150.349

 69, 5.395, 150.349

 59, 5.395, 150.349

 49, 5.395, 150.349

 39, 5.395, 150.349

 29, 5.395, 150.349

 19, 5.395, 150.349

 9, 5.395, 150.349

99, 5.395, 150.349

99, 5.395, 150.349

97, 19.280,
149.597

100, 0.156,
322.464

95, 33.197,
148.776

93, 46.948,
147.826

92, 60.286,
146.728

90, 72.919,
145.465

89, 84.535,
144.037

89, 94.815,
142.465

88, 103.467,
140.802

■ 88, 110.252,
139.148

Harmonies

Complementary

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



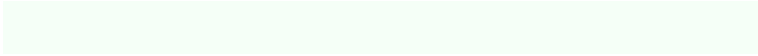
99, 5.395, 150.349



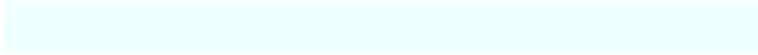
97, 5.421, 330.702

Rectangle

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



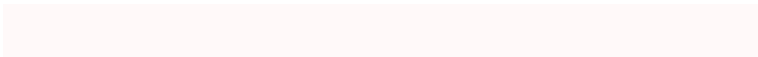
99, 5.395, 150.349



99, 5.395, 200.349



99, 5.395, 330.349



99, 5.395, 20.349

Sweetspot

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



99, 5.398, 150.346



100, 1.365, 150.735



100, 5.112, 117.078



53, 0.776, 150.753



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, 5.398, 150.346



99, 6.886, 150.261



99, 3.850, 174.603



53, 4.701, 150.208



68, 90.826, 138.522



23, 39.448, 140.977

Inverse Universe

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



97, 5.421, 330.702



97, 6.912, 330.784



97, 3.901, 355.034



51, 4.718, 330.835



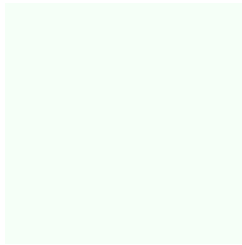
43, 79.684, 338.181



11, 37.327, 336.748

Previews

White Background



This preview shows how the CIELCh color 99, 5.395, 150.349 looks on a white background.

Color Contrast Check

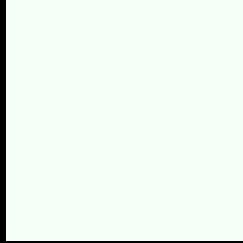
Large Text (above 18pt) WCAG AA × Fail

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, 5.395, 150.349 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, 5.395, 150.349

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.395, 150.349.

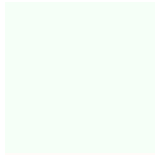


This preview shows how white text looks on a background with the CIELCh color 99, 5.395, 150.349.

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, 5.395, 150.349

Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.395, 150.349

Protanomaly

99, 2.057, 119.829

Deuteranomaly

99, 1.069, 129.166

Tritanomaly

99, 1.486, 179.770

Monochromacy



Original Color

99, 5.395, 150.349

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, 5.395, 150.349 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.395, 150.349 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, 247) }
```

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

```
.border{ border-color:rgb(245, 255, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.395, 150.349 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, 247) }
```

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

```
.background{ background-color: rgb(245,  
255, 247) }
```

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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