

Converting Colors

CIELCh(100, 7.530, 151.069)

Have a look what the booklet for
CIELCh(100, 7.530, 151.069)
contains.

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Color

CIELCh(99, 5.016, 154.099)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF8
RGB	245, 255, 248
RGB Percent	96%, 100%, 97%
CMY	0.0404, 0.0012, 0.0287
CMYK	0.04, 0.00, 0.03, 0.00
HSL	138°, 94%, 98%
HSV	138°, 4%, 100%
XYZ	90.1039, 97.4360, 102.6129
YIQ	251.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

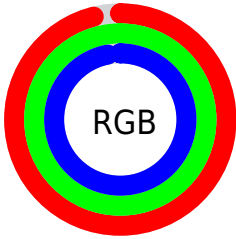
Format	Color
R_{YB}	245, 253, 255
Decimal	16121848
CIE Lab	99.00, -4.51, 2.19
CIE LCh	99, 5.016, 154.099
Yxy	97.4360, 0.3105, 0.3358
Android (android.graphics.Color)	4294311928 (0xFF5FF8)
YUV	251.2120, -1.5835, -5.4479
Hunter-Lab	98.7097, -9.8040, 7.4623

Details

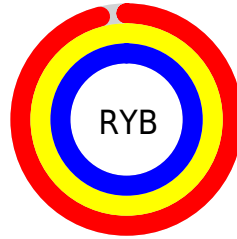
The CIELCh color 99, 5.016, 154.099 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.044, 334.470, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.623, 155.423 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.907, 153.284, and if you desaturate by 10%, it is 100, 0.200, 322.900.

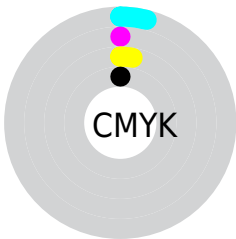
Distribution



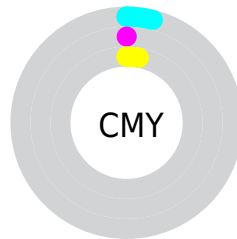
- Red (96%)
- Green (100%)
- Blue (97%)



- 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, 5.016, 154.099 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, 5.016, 154.099 by changing the saturation by 10% instead.

 99, 5.016, 154.099

 99, 5.016, 154.099

 100, 5.016,
154.099

 89, 5.016, 154.099

 79, 5.016, 154.099

 69, 5.016, 154.099


 59, 5.016, 154.099

 49, 5.016, 154.099

 39, 5.016, 154.099

 29, 5.016, 154.099

 19, 5.016, 154.099

 9, 5.016, 154.099

99, 5.016, 154.099

99, 5.016, 154.099

97, 17.907,
153.284

100, 0.200,
322.900

95, 30.803,
152.412

93, 43.526,
151.414

92, 55.859,
150.264

91, 67.556,
148.941

90, 78.365,
147.430

89, 88.051,
145.730

88, 96.430,
143.866

■ 88, 103.393,
141.898

Harmonies

Complementary

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



99, 5.016, 154.099



97, 5.044, 334.470

Rectangle

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



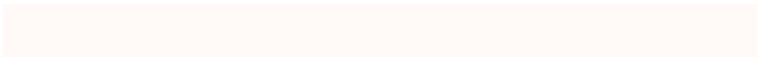
99, 5.016, 154.099



99, 5.016, 204.099



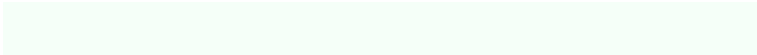
99, 5.016, 334.099



99, 5.016, 24.099

Sweetspot

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



99, 5.019, 154.094



100, 1.270, 154.535



99, 5.173, 120.954



53, 0.722, 154.555



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

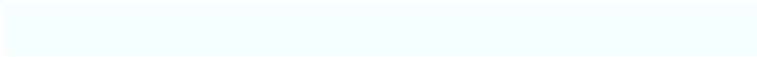
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.019, 154.094



99, 6.403, 154.001



99, 3.655, 181.800



53, 4.371, 153.943



68, 85.522, 141.091



23, 36.855, 143.976

Inverse Universe

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



97, 5.044, 334.470



97, 6.433, 334.560



97, 3.717, 2.186



51, 4.391, 334.617



43, 74.320, 344.931



11, 35.017, 342.347

Previews

White Background



This preview shows how the CIE LCh color 99, 5.016, 154.099 looks on a white background.

Color Contrast Check

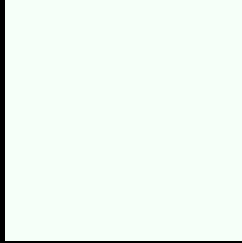
Large Text (above 18pt) WCAG AA × Fail

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, 5.016, 154.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

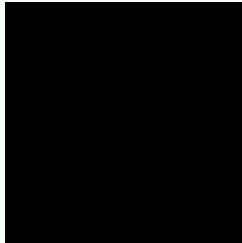
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.016, 154.099

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.016, 154.099.



This preview shows how white text looks on a background with the CIELCh color 99, 5.016, 154.099.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 5.016, 154.099

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 5.016, 154.099

Protanomaly

99, 1.558, 123.031

Deuteranomaly

99, 1.069, 129.166

Tritanomaly

99, 1.486, 179.770

Monochromacy



Original Color

99, 5.016, 154.099



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, 5.016, 154.099 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.016, 154.099 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, 248) }
```

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

```
.border{ border-color:rgb(245, 255, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.016, 154.099 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, 248) }
```

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

```
.background{ background-color: rgb(245,  
255, 248) }
```

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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