

Converting Colors

CIELCh(99, 6.505, 177.887)

Have a look what the booklet for
CIELCh(99, 6.505, 177.887) contains.

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Color

CIELCh(99, 5.930, 179.042)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFC
RGB	240, 255, 252
RGB Percent	94%, 100%, 99%
CMY	0.0601, 0.0000, 0.0130
CMYK	0.06, 0.00, 0.01, 0.00
HSL	167°, 100%, 97%
HSV	167°, 6%, 100%
XYZ	89.3264, 97.4360, 105.9322
YIQ	250.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

Format	Color
R_{YB}	240, 248, 255
Decimal	15794172
CIE _{Lab}	99.00, -5.93, 0.10
CIE _{LCh}	99, 5.930, 179.042
Yxy	97.4360, 0.3052, 0.3329
Android (android.graphics.Color)	4293984252 (0xFFFF0FFFC)
YUV	250.1730, 0.9007, -8.9217
Hunter-Lab	98.7097, -11.2101, 5.4686

Details

The CIELCh color **99, 5.930, 179.042** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 5.720, 2.466**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 5.345, 181.632** is the 20% darker color. If you saturate the color by 10%, you get **97, 14.700, 180.573**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



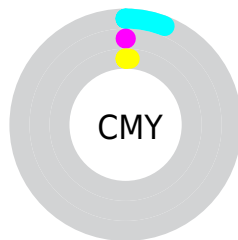
- Red (94%)
- Green (100%)
- Blue (99%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.930, 179.042 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, 5.930, 179.042 by changing the saturation by 10% instead.

 99, 5.930, 179.042

 99, 5.930, 179.042

 100, 5.930,
179.042

 89, 5.930, 179.042

 79, 5.930, 179.042

 69, 5.930, 179.042

 59, 5.930, 179.042

 49, 5.930, 179.042

 39, 5.930, 179.042

 29, 5.930, 179.042

 19, 5.930, 179.042

 9, 5.930, 179.042

99, 5.930, 179.042

99, 5.930, 179.042

97, 14.700,
180.573

100, 0.012,
296.813

95, 23.450,
179.565

94, 31.684,
178.497

93, 39.241,
177.348

92, 45.968,
176.095

91, 51.737,
174.714

90, 56.469,
173.181

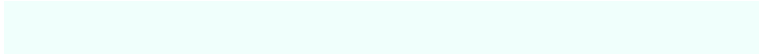
90, 60.161,
171.473

■ 90, 62.902,
169.585

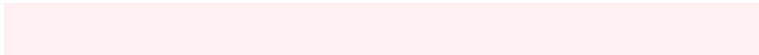
Harmonies

Complementary

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



99, 5.930, 179.042



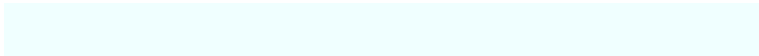
96, 5.720, 2.466

Rectangle

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



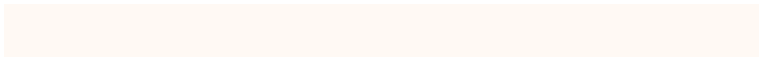
99, 5.930, 179.042



99, 5.930, 229.042



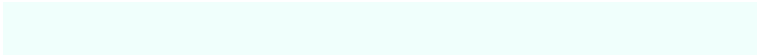
99, 5.930, 359.042



99, 5.930, 49.042

Sweetspot

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



99, 5.587, 181.578



100, 1.864, 182.157



99, 8.901, 138.069



53, 1.060, 182.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

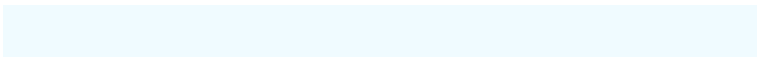
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.587, 181.578



99, 6.503, 181.472



98, 4.346, 230.029



53, 4.223, 181.409



69, 51.167, 169.172



23, 22.769, 171.788

Inverse Universe

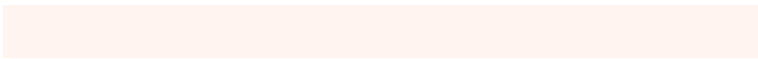
The Inverse Universe completely reimagines the original color for something new.



96, 5.720, 2.466



95, 6.682, 2.578



97, 4.487, 49.006



50, 4.348, 2.645



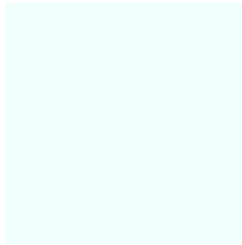
40, 74.154, 28.346



10, 31.888, 17.890

Previews

White Background



This preview shows how the CIELCh color 99, 5.930, 179.042 looks on a white background.

Color Contrast Check

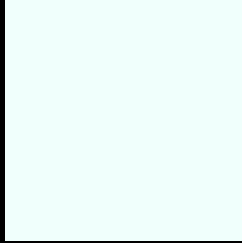
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 5.930, 179.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

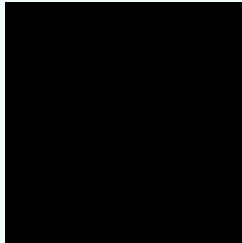
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.930, 179.042

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.930, 179.042.

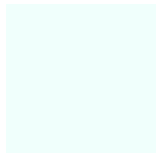


This preview shows how white text looks on a background with the CIELCh color 99, 5.930, 179.042.

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, 5.431, 182.838



Protanopia
99, 1.487, 38.999

Deuteranopia
99, 2.044, 349.329

Tritanopia
99, 1.677, 265.874

Trichromacy



Original Color

99, 5.431, 182.838

Protanomaly

99, 1.165, 174.059

Deuteranomaly

99, 1.045, 199.967

Tritanomaly

99, 2.472, 211.413

Monochromacy



Original Color

99, 5.431, 182.838

Achromatopsia

98, 0.011, 296.813

Achromatomaly

99, 2.155, 185.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.930, 179.042 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(240, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 252)  
}
```

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(240, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.930, 179.042 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(240, 255, 252) }
```

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

```
.border{ border-color:rgb(240, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.930, 179.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 252) }
```

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

```
.background{ background-color: rgb(240,  
255, 252) }
```

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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