

Converting Colors

CIE LCh(99, 7.120, 189.988)

Have a look what the booklet for
CIELCh(99, 7.120, 189.988) contains.

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Color

CIELCh(99, 6.555, 194.624)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFFF
RGB	237, 255, 255
RGB Percent	93%, 100%, 100%
CMY	0.0704, 0.0000, 0.0000
CMYK	0.07, 0.00, 0.00, 0.00
HSL	180°, 100%, 96%
HSV	180°, 7%, 100%
XYZ	89.1003, 97.4360, 108.7701
YIQ	249.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 246, 255
Decimal	15597567
CIE Lab	99.00, -6.34, -1.65
CIE LCh	99, 6.555, 194.624
Yxy	97.4360, 0.3017, 0.3299
Android (android.graphics.Color)	4293787647 (0xFFE0FFFF)
YUV	249.6180, 2.6533, -11.0660
Hunter-Lab	98.7097, -11.6189, 3.7640

Details

The CIELCh color **99, 6.555, 194.624** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.442, 19.744**, 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, 6.098, 199.028** is the 20% darker color. If you saturate the color by 10%, you get **97, 14.510, 198.539**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



- Red (93%)
- Green (100%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.555, 194.624 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, 6.555, 194.624 by changing the saturation by 10% instead.

 99, 6.555, 194.624

 99, 6.555, 194.624

 100, 6.555,
194.624

 89, 6.555, 194.624

 79, 6.555, 194.624

 69, 6.555, 194.624

 59, 6.555, 194.624

 49, 6.555, 194.624

 39, 6.555, 194.624

 29, 6.555, 194.624

 19, 6.555, 194.624

 9, 6.555, 194.624

99, 6.555, 194.624

99, 6.555, 194.624

97, 14.510,
198.539

100, 0.012,
296.813

96, 22.255,
198.046

94, 29.249,
197.616


93, 35.352,
197.248

93, 40.444,
196.946

92, 44.442,
196.713

92, 47.319,
196.547

91, 49.116,
196.443

 91, 49.964,
196.395

Harmonies

Complementary

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



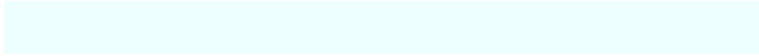
99, 6.555, 194.624



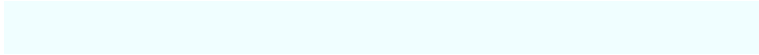
95, 6.442, 19.744

Rectangle

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



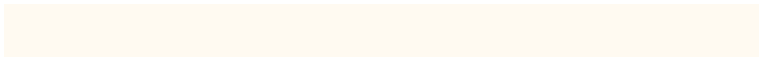
99, 6.555, 194.624



99, 6.555, 244.624



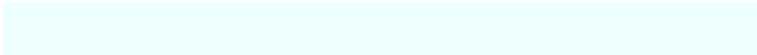
99, 6.555, 14.624



99, 6.555, 64.624

Sweetspot

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



99, 6.161, 199.123



100, 1.770, 199.667



98, 11.176, 144.059



53, 1.006, 199.692



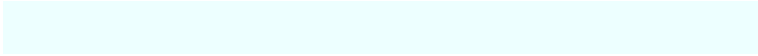
0, 0.000, 0.000



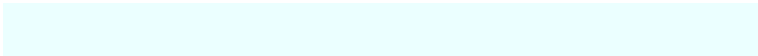
53, 0.007, 296.813

Same Dimension

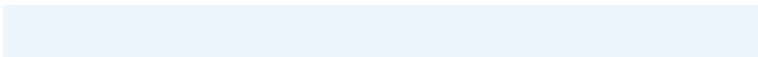
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 6.161, 199.123



99, 6.985, 199.058



96, 5.487, 256.405



52, 4.945, 198.963



70, 40.365, 196.386



24, 18.570, 196.386

Inverse Universe

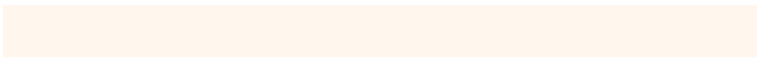
The Inverse Universe completely reimagines the original color for something new.



96, 11.198, 324.803



95, 12.733, 324.860



97, 5.569, 74.478



50, 9.057, 324.947



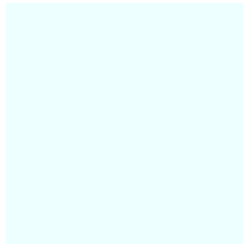
45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIE LCh color 99, 6.555, 194.624 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, 6.555, 194.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

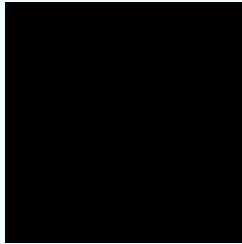
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.555, 194.624

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.555, 194.624.

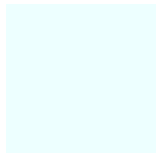


This preview shows how white text looks on a background with the CIELCh color 99, 6.555, 194.624.

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, 6.178, 199.121

Protanopia

99, 2.044, 349.329

Deuteranopia

99, 2.044, 349.329

Tritanopia
99, 2.151, 271.552

Trichromacy



Original Color

99, 6.178, 199.121

Protanomaly

99, 1.477, 219.961

Deuteranomaly

99, 1.477, 219.961

Tritanomaly

99, 2.845, 232.046

Monochromacy



Original Color

99, 6.178, 199.121

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 2.431, 199.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.555, 194.624 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(237, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 255)  
}
```

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(237, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.555, 194.624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

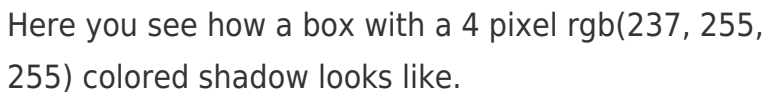
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 255) }
```

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

```
.border{ border-color:rgb(237, 255, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.555, 194.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 255) }
```

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

```
.background{ background-color: rgb(237,  
255, 255) }
```

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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