

Converting Colors

CIE LCh(97, 6.211, 197.689)

Have a look what the booklet for
CIELCh(97, 6.211, 197.689) contains.

CIELCh(97, 6.199, 199.112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIE LCh(97, 6.199, 199.112)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAFA
RGB	232, 250, 250
RGB Percent	91%, 98%, 98%
CMY	0.0901, 0.0195, 0.0195
CMYK	0.07, 0.00, 0.00, 0.02
HSL	180°, 64%, 95%
HSV	180°, 7%, 98%
XYZ	84.7299, 92.4403, 103.8303
YIQ	244.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

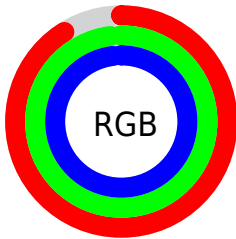
Format	Color
R _Y B	232, 241, 250
Decimal	15268602
CIE Lab	97.00, -5.86, -2.03
CIE LCh	97, 6.199, 199.112
Yxy	92.4403, 0.3015, 0.3290
Android (android.graphics.Color)	4293458682 (0xFFE8FAFA)
YUV	244.6180, 2.6533, -11.0660
Hunter-Lab	96.1459, -10.9496, 3.2734

Details

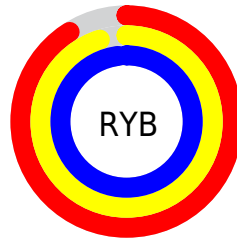
The CIELCh color **97, 6.199, 199.112** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.489, 19.739**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.470, 198.986** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.409, 198.512**, and if you desaturate by 10%, it is **99, 1.753, 19.122**.

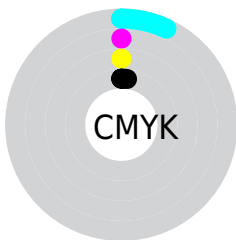
Distribution



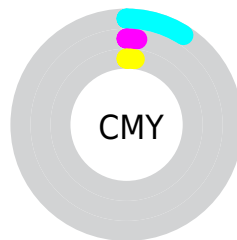
- Red (91%)
- Green (98%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.199, 199.112 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 97, 6.199, 199.112 by changing the saturation by 10% instead.

 97, 6.199, 199.112

 97, 6.199, 199.112

 100, 6.199,
199.112

 87, 6.199, 199.112

 77, 6.199, 199.112

 67, 6.199, 199.112

 57, 6.199, 199.112

 47, 6.199, 199.112

 37, 6.199, 199.112

 27, 6.199, 199.112

 17, 6.199, 199.112

 7, 6.199, 199.112

97, 6.199, 199.112

97, 6.199, 199.112

95, 14.409,
198.512

99, 1.753, 19.122

94, 22.022,
198.020

99, 1.753, 19.032

93, 28.896,
197.590

99, 1.753, 18.943

92, 34.892,
197.222

99, 1.753, 18.765

91, 39.893,
196.920

99, 1.753, 18.675


90, 43.818,
196.686

99, 1.753, 18.497

90, 46.641,
196.518

99, 1.753, 18.408

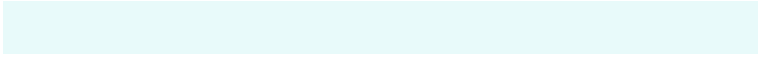
90, 48.403,
196.413

 90, 49.235,
196.362

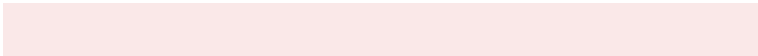
Harmonies

Complementary

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



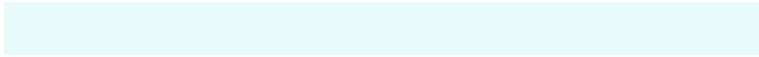
97, 6.199, 199.112



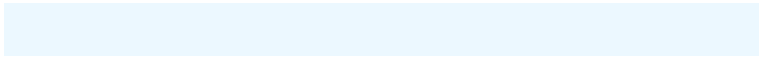
93, 6.489, 19.739

Rectangle

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



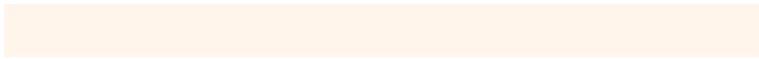
97, 6.199, 199.112



97, 6.199, 249.112



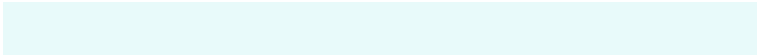
97, 6.199, 19.112



97, 6.199, 69.112

Sweetspot

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



97, 6.200, 199.094



100, 1.770, 199.649



97, 11.192, 143.615



53, 1.006, 199.674



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

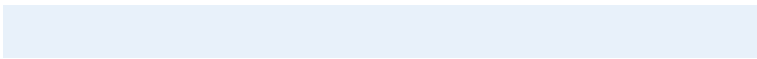
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.200, 199.094



98, 7.839, 198.976



95, 5.454, 254.586



51, 4.864, 198.945



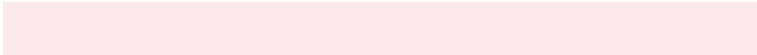
69, 39.969, 196.353



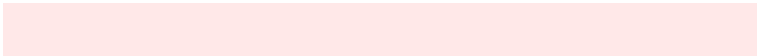
23, 18.084, 196.357

Inverse Universe

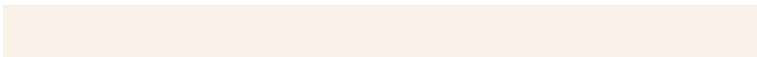
The Inverse Universe completely reimagines the original color for something new.



93, 6.489, 19.739



94, 8.300, 19.885



96, 5.549, 72.646



49, 5.167, 19.924



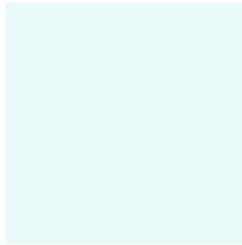
39, 83.381, 39.991



9, 32.194, 26.131

Previews

White Background



This preview shows how the CIE LCh color 97, 6.199, 199.112 looks on a white background.

Color Contrast Check

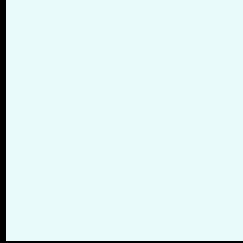
Large Text (above 18pt) WCAG AA × Fail

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 97, 6.199, 199.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

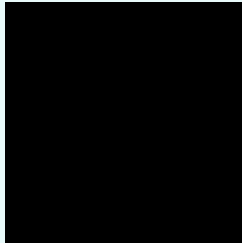
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

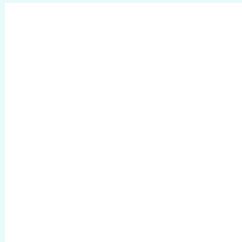
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.199, 199.112

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.199, 199.112.

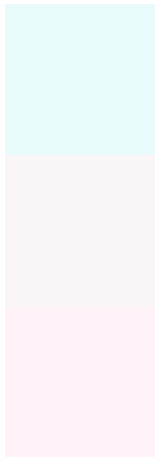


This preview shows how white text looks on a background with the CIELCh color 97, 6.199, 199.112.

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

97, 6.199, 199.112

Protanopia

97, 2.052, 349.337

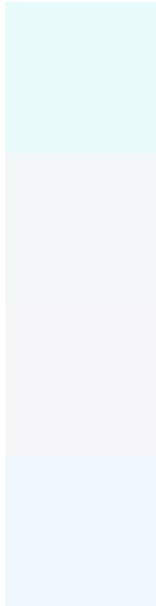
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.417, 267.541

Trichromacy



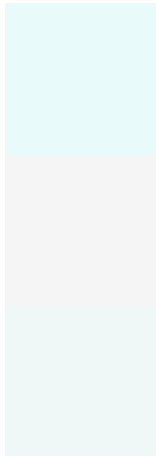
Original Color
97, 6.199, 199.112

Protanomaly
97, 1.482, 219.954

Deuteranomaly
97, 1.588, 303.068

Tritanomaly
97, 4.257, 236.343

Monochromacy



Original Color
97, 6.199, 199.112

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.440, 199.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.199, 199.112 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(232, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 250)  
}
```

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(232, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.199, 199.112 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(232, 250, 250) }
```

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

```
.border{ border-color:rgb(232, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.199, 199.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 250, 250) }
```

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

```
.background{ background-color: rgb(232,  
250, 250) }
```

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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