

Converting Colors

CIELCh(97, 7.595, 213.891)

Have a look what the booklet for
CIELCh(97, 7.595, 213.891) contains.

CIELCh(97, 7.405, 215.131)	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

CIELCh(97, 7.405, 215.131)

Conversions

Conversions Part 1

Format	Color
Hex	E5FAFE
RGB	229, 250, 254
RGB Percent	90%, 98%, 100%
CMY	0.1008, 0.0184, 0.0027
CMYK	0.10, 0.02, 0.00, 0.00
HSL	190°, 95%, 95%
HSV	190°, 10%, 100%
XYZ	84.6250, 92.4403, 107.4015
YIQ	244.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

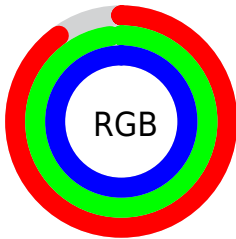
Format	Color
R_{YB}	229, 240, 254
Decimal	15071998
CIE _{Lab}	97.00, -6.06, -4.26
CIE _{LCh}	97, 7.405, 215.131
Yxy	92.4403, 0.2975, 0.3250
Android (android.graphics.Color)	4293262078 (0xFFE5FAFE)
YUV	244.1770, 4.8427, -13.3102
Hunter-Lab	96.1459, -11.1445, 1.0711

Details

The CIELCh color **97, 7.405, 215.131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.892, 34.849**, 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, 7.603, 211.185** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.504, 215.296**, and if you desaturate by 10%, it is **100, 0.128, 29.780**.

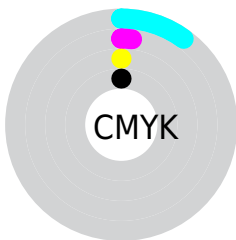
Distribution



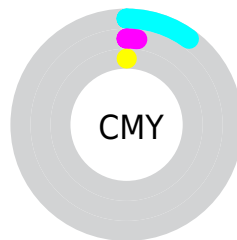
- Red (90%)
- Green (98%)
- Blue (100%)



- Red (90%)
- Yellow (94%)
- Blue (100%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.405, 215.131 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, 7.405, 215.131 by changing the saturation by 10% instead.

 97, 7.405, 215.131

 97, 7.405, 215.131

 100, 7.405,
215.131

 87, 7.405, 215.131

 77, 7.405, 215.131

 67, 7.405, 215.131

 57, 7.405, 215.131

 47, 7.405, 215.131

 37, 7.405, 215.131

 27, 7.405, 215.131

 17, 7.405, 215.131

 7, 7.405, 215.131

97, 7.405, 215.131

97, 7.405, 215.131

94, 14.504,
215.296

100, 0.128, 29.780

92, 21.053,
215.669

100, 0.342,
109.926

89, 26.928,
216.254

87, 32.006,
217.100

85, 36.181,
218.265

83, 39.379,
219.819

82, 41.586,
221.833

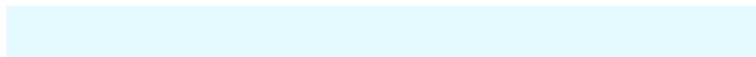
80, 42.867,
224.373

■ 79, 43.440,
227.426

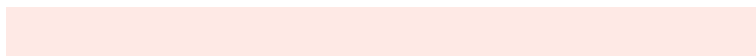
Harmonies

Complementary

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



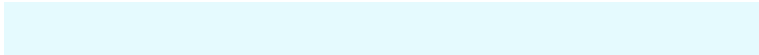
97, 7.405, 215.131



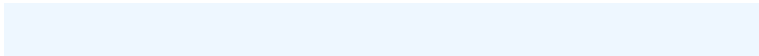
94, 7.892, 34.849

Rectangle

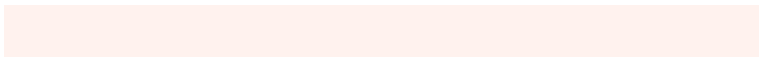
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



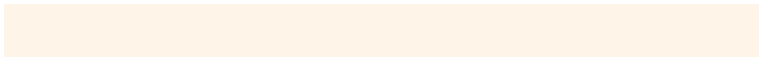
97, 7.405, 215.131



97, 7.405, 265.131



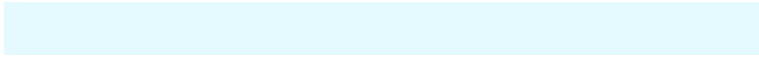
97, 7.405, 35.131



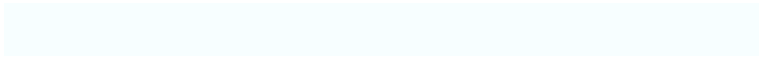
97, 7.405, 85.131

Sweetspot

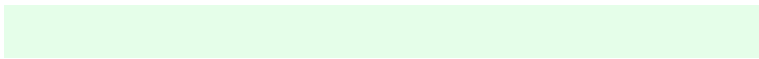
The Sweet Spot groups the original color and five complimentary colors.



97, 7.406, 215.114



99, 2.304, 215.232



97, 14.059, 148.240



53, 1.743, 215.179



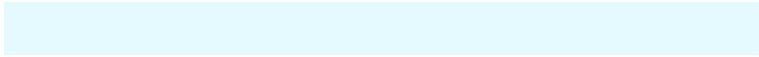
0, 0.000, 0.000



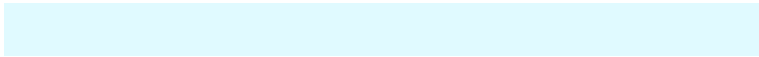
53, 0.007, 296.813

Same Dimension

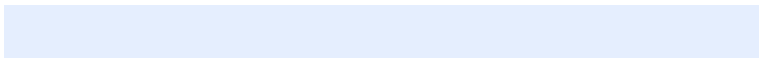
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.406, 215.114



97, 9.005, 215.135



94, 8.829, 271.115



52, 4.296, 215.112



61, 35.070, 226.878



20, 16.184, 222.720

Inverse Universe

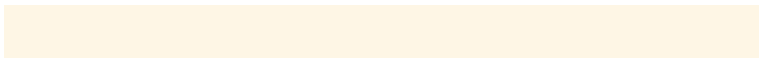
The Inverse Universe completely reimagines the original color for something new.



94, 13.996, 329.737



92, 17.143, 329.876



97, 8.850, 88.495



50, 8.110, 329.716



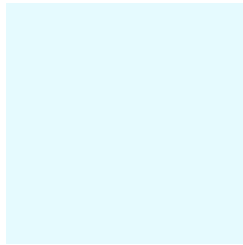
44, 82.135, 335.831



12, 38.350, 334.773

Previews

White Background



This preview shows how the CIELCh color 97, 7.405, 215.131 looks on a white background.

Color Contrast Check

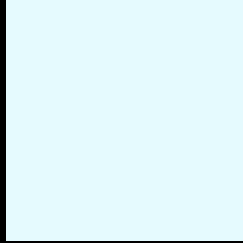
Large Text (above 18pt) WCAG AA × Fail

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, 7.405, 215.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

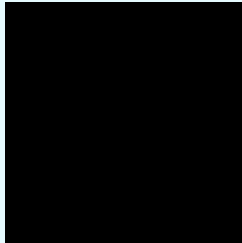
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 7.405, 215.131

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.405, 215.131.

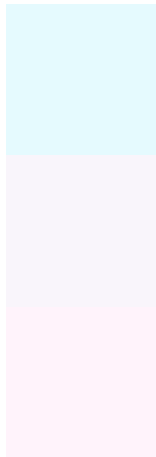


This preview shows how white text looks on a background with the CIELCh color 97, 7.405, 215.131.

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, 7.405, 215.131

Protanopia

97, 3.397, 314.709

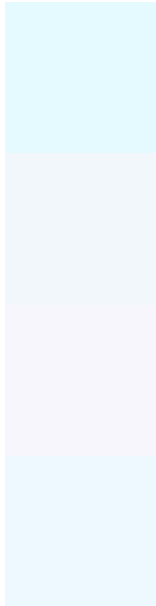
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.556, 263.537

Trichromacy



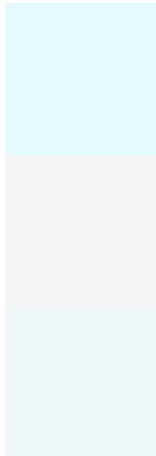
Original Color
97, 7.405, 215.131

Protanomaly
97, 3.071, 256.057

Deuteranomaly
97, 3.077, 290.436

Tritanomaly
97, 5.155, 243.403

Monochromacy



Original Color
97, 7.405, 215.131

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.628, 222.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.405, 215.131 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(229, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 250, 254)  
}
```

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(229, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 250, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.405, 215.131 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(229, 250, 254) }
```

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

```
.border{ border-color:rgb(229, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 250,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.405, 215.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 250, 254) }
```

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

```
.background{ background-color: rgb(229,  
250, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor