

Converting Colors

CIELCh(97, 23.821, 117.939)

Have a look what the booklet for
CIELCh(97, 23.821, 117.939)
contains.

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Color

CIElCh(97, 24.179, 118.090)

Conversions

Conversions Part 1

Format	Color
Hex	F1FCCD
RGB	241, 252, 205
RGB Percent	95%, 99%, 80%
CMY	0.0562, 0.0131, 0.1974
CMYK	0.04, 0.00, 0.19, 0.01
HSL	74°, 88%, 89%
HSV	74°, 19%, 99%
XYZ	81.8435, 92.4403, 71.0793
YIQ	243.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

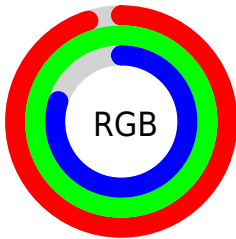
Format	Color
R_{YB}	205, 252, 216
Decimal	15858893
CIE _{Lab}	97.00, -11.38, 21.33
CIE _{LCh}	97, 24.179, 118.090
Yxy	92.4403, 0.3336, 0.3767
Android (android.graphics.Color)	4294048973 (0xFFFF1FCCD)
YUV	243.3530, -18.9080, -2.0636
Hunter-Lab	96.1459, -16.3084, 23.4698

Details

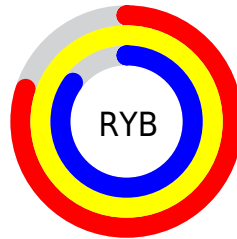
The CIELCh color **97, 24.179, 118.090** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 25.145, 300.654**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 23.702, 117.578** is the 20% darker color. If you saturate the color by 10%, you get **96, 36.962, 117.434**, and if you desaturate by 10%, it is **98, 11.250, 118.752**.

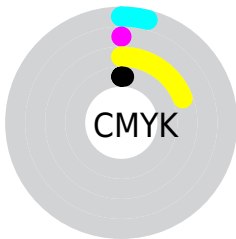
Distribution



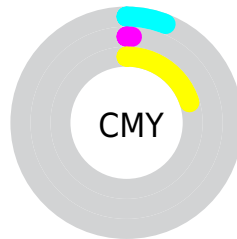
- Red (95%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 24.179, 118.090 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, 24.179, 118.090 by changing the saturation by 10% instead.

 97, 24.179,
118.090

 97, 24.179,
118.090

 100, 24.179,
118.090


 87, 24.179,
118.090

 77, 24.179,
118.090

 67, 24.179,
118.090

 57, 24.179,
118.090

 47, 24.179,
118.090

 37, 24.179,
118.090

 27, 24.179,

118.090

■ 17, 24.179,
118.090

■ 7, 24.179, 118.090

■ 97, 24.179,
118.090

■ 97, 24.179,
118.090

■ 96, 36.962,
117.434

■ 98, 11.250,
118.752

■ 95, 49.452,
116.797

■ 99, 1.733, 299.390

■ 95, 61.439,
116.217

■ 99, 2.079, 324.366

■ 94, 72.604,
115.749

■ 93, 82.488,
115.466

■ 93, 90.506,
115.466

■ 92, 96.091,
115.851

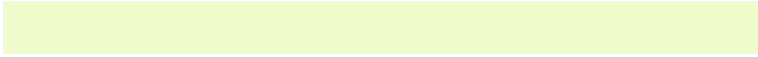
■ 92, 99.117,
116.661

■ 92, 99.432,
116.781

Harmonies

Complementary

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



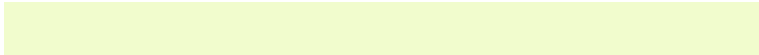
97, 24.179, 118.090



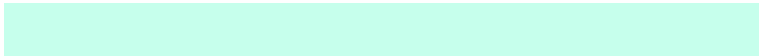
85, 25.145, 300.654

Rectangle

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



97, 24.179, 118.090



97, 24.179, 168.090



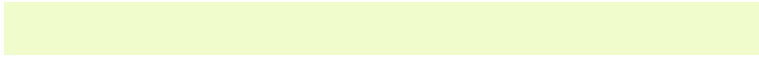
97, 24.179, 298.090



97, 24.179, 348.090

Sweetspot

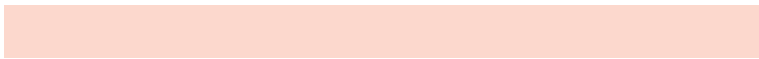
The Sweet Spot groups the original color and five complimentary colors.



97, 24.181, 118.094



99, 7.866, 118.925



89, 14.773, 42.787



53, 5.218, 118.883



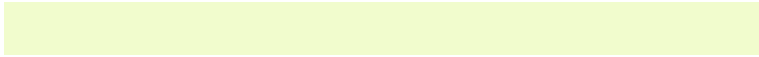
0, 0.000, 0.000



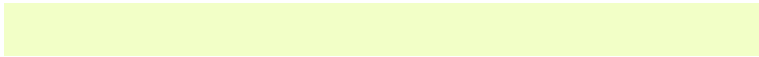
53, 0.007, 296.813

Same Dimension

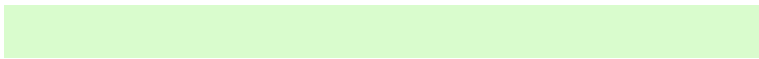
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 24.181, 118.094



98, 28.762, 117.873



95, 27.120, 135.913



52, 7.332, 118.698



71, 79.997, 116.563



24, 35.230, 115.504

Inverse Universe

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



85, 25.145, 300.654



83, 30.133, 300.936



86, 27.459, 317.579



48, 7.482, 299.944



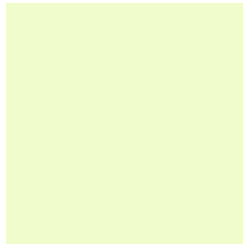
24, 104.643, 307.561



4, 42.654, 305.686

Previews

White Background



This preview shows how the CIE LCh color 97, 24.179, 118.090 looks on a white background.

Color Contrast Check

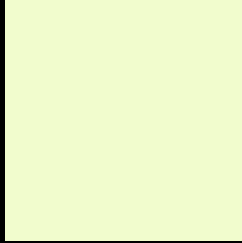
Large Text (above 18pt) WCAG AA × Fail

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 97, 24.179, 118.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

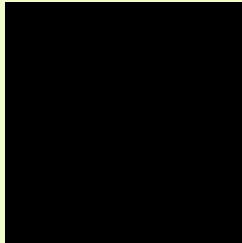
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

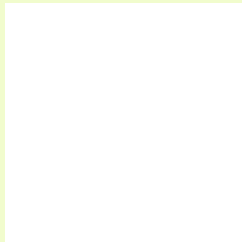
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 24.179, 118.090

Background



This preview shows how black text looks on a background with the CIELCh color 97, 24.179, 118.090.

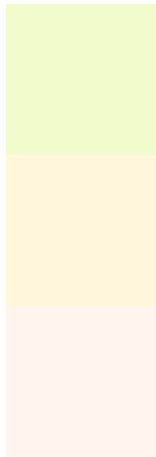


This preview shows how white text looks on a background with the CIELCh color 97, 24.179, 118.090.

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, 24.179, 118.090

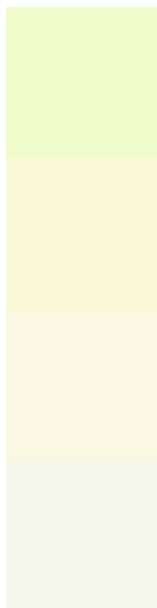
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 5.242, 302.017

Trichromacy



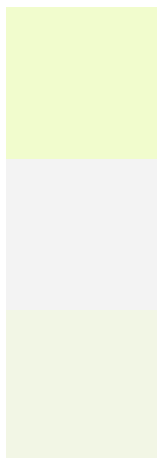
Original Color
97, 24.179, 118.090

Protanomaly
97, 17.294, 106.391

Deuteranomaly
97, 10.739, 103.519

Tritanomaly
97, 5.149, 117.723

Monochromacy



Original Color
97, 24.179, 118.090

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 8.801, 118.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 24.179, 118.090 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(241, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 205)  
}
```

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(241, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 24.179, 118.090 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(241, 252, 205) }
```

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

```
.border{ border-color:rgb(241, 252, 205) }
```

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

Here you see how a box with a 4 pixel rgb(241, 252, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 24.179, 118.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 205) }
```

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

```
.background{ background-color: rgb(241,  
252, 205) }
```

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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