

Converting Colors

CIELCh(97, 22.763, 119.469)

Have a look what the booklet for
CIELCh(97, 22.763, 119.469)
contains.

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Color

CIElCh(97, 22.767, 119.713)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCD0
RGB	240, 252, 208
RGB Percent	94%, 99%, 82%
CMY	0.0600, 0.0129, 0.1855
CMYK	0.05, 0.00, 0.17, 0.01
HSL	76°, 87%, 90%
HSV	76°, 17%, 99%
XYZ	81.8953, 92.4403, 73.0107
YIQ	243.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

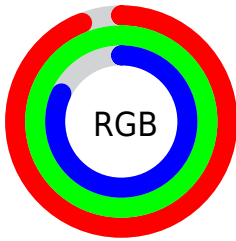
Format	Color
R_{YB}	208, 252, 220
Decimal	15793360
CIE _{Lab}	97.00, -11.28, 19.77
CIE _{LCh}	97, 22.767, 119.713
Yxy	92.4403, 0.3311, 0.3737
Android (android.graphics.Color)	4293983440 (0xFFFF0FCD0)
YUV	243.3960, -17.4502, -2.9783
Hunter-Lab	96.1459, -16.2123, 22.2788

Details

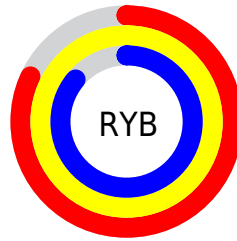
The CIELCh color **97, 22.767, 119.713** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 23.581, 301.940**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 22.744, 119.046** is the 20% darker color. If you saturate the color by 10%, you get **96, 35.658, 119.096**, and if you desaturate by 10%, it is **98, 9.752, 120.334**.

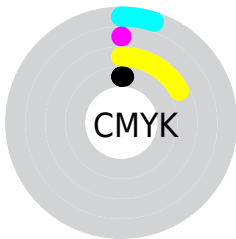
Distribution



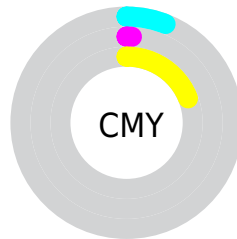
- Red (94%)
- Green (99%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 22.767, 119.713 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, 22.767, 119.713 by changing the saturation by 10% instead.


 97, 22.767,
119.713


 97, 22.767,
119.713


 100, 22.767,
119.713


 87, 22.767,
119.713

 77, 22.767,
119.713

 67, 22.767,
119.713

 57, 22.767,
119.713

 47, 22.767,
119.713

 37, 22.767,
119.713

 27, 22.767,

119.713

■ 17, 22.767,
119.713

■ 7, 22.767, 119.713

■ 97, 22.767,
119.713

■ 97, 22.767,
119.713

■ 96, 35.658,
119.096

■ 98, 9.752, 120.334

■ 95, 48.283,
118.493

■ 99, 1.802, 309.899

■ 99, 2.057, 324.363

■ 94, 60.442,
117.943

■ 94, 71.832,
117.498

■ 93, 82.015,
117.236

■ 92, 90.422,
117.257

■ 92, 96.469,
117.671

■ 92, 99.908,
118.543

■ 91, 100.548,
118.800

Harmonies

Complementary

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



97, 22.767, 119.713



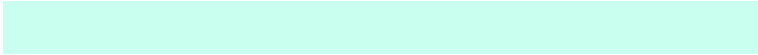
86, 23.581, 301.940

Rectangle

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



97, 22.767, 119.713



97, 22.767, 169.713



97, 22.767, 299.713



97, 22.767, 349.713

Sweetspot

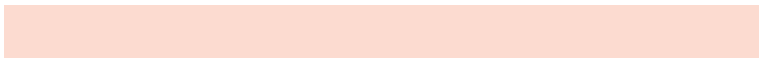
The Sweet Spot groups the original color and five complimentary colors.



97, 22.769, 119.717



99, 6.586, 120.486



90, 13.579, 46.567



53, 4.494, 120.442



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

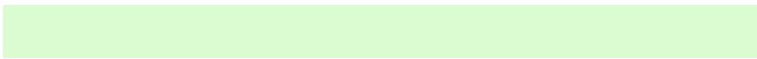
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 22.769, 119.717



98, 27.619, 119.497



96, 25.639, 136.979



52, 7.370, 120.210



71, 80.862, 118.559



23, 35.529, 117.366

Inverse Universe

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



86, 23.581, 301.940



84, 28.818, 302.211



87, 25.899, 318.563



48, 7.516, 301.371



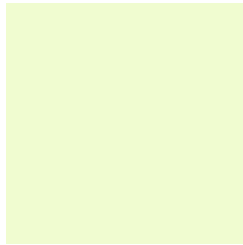
25, 104.036, 307.978



4, 42.760, 306.580

Previews

White Background



This preview shows how the CIE LCh color 97, 22.767, 119.713 looks on a white background.

Color Contrast Check

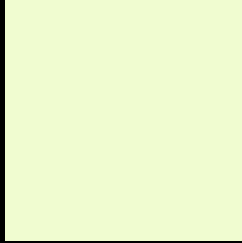
Large Text (above 18pt) WCAG AA × Fail

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, 22.767, 119.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

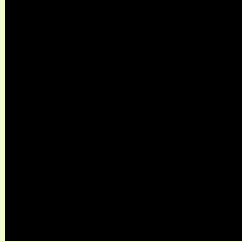
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

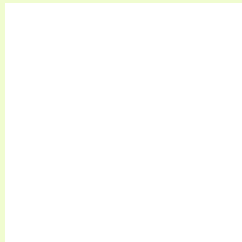
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 22.767, 119.713

Background



This preview shows how black text looks on a background with the CIELCh color 97, 22.767, 119.713.

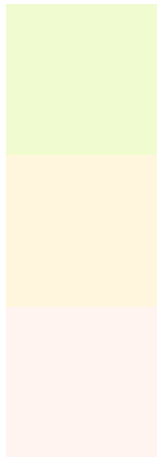


This preview shows how white text looks on a background with the CIELCh color 97, 22.767, 119.713.

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, 22.767, 119.713

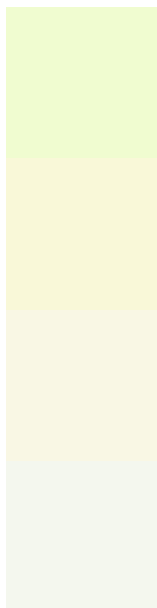
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 5.180, 298.262

Trichromacy



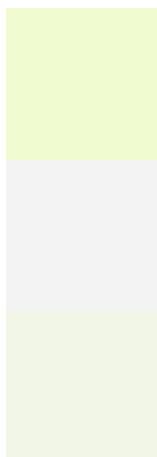
Original Color
97, 22.767, 119.713

Protanomaly
97, 16.272, 107.623

Deuteranomaly
97, 9.696, 105.142

Tritanomaly
97, 4.717, 122.868

Monochromacy



Original Color
97, 22.767, 119.713

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 8.299, 119.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 22.767, 119.713 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, 252, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 208)  
}
```

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, 252, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 22.767, 119.713 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, 252, 208) }
```

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

```
.border{ border-color:rgb(240, 252, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 22.767, 119.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 208) }
```

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

```
.background{ background-color: rgb(240,  
252, 208) }
```

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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