

Converting Colors

CIELCh(100, 42.149, 119.341)

Have a look what the booklet for
CIELCh(100, 42.149, 119.341)
contains.

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Color

CIELCh(97, 37.097, 115.667)

Conversions

Conversions Part 1

Format	Color
Hex	F0FEB5
RGB	240, 254, 181
RGB Percent	94%, 100%, 71%
CMY	0.0602, 0.0053, 0.2913
CMYK	0.06, 0.00, 0.29, 0.01
HSL	72°, 96%, 85%
HSV	72°, 29%, 99%
XYZ	79.4499, 92.4403, 57.2148
YIQ	241.4920, 15.0890, -25.6710

Conversions

Conversions Part 2

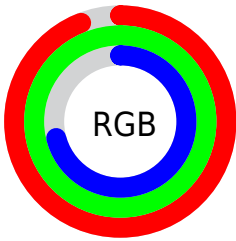
Format	Color
RYB	181, 254, 195
Decimal	15793845
CIELab	97.00, -16.07, 33.44
CIElCh	97, 37.097, 115.667
Yxy	92.4403, 0.3468, 0.4035
Android (android.graphics.Color)	4293983925 (0xFFFF0FEB5)
YUV	241.4920, -29.8226, -1.3085
Hunter-Lab	96.1459, -20.7523, 32.0196

Details

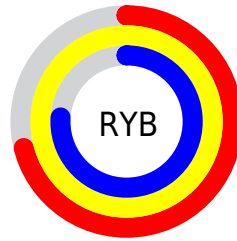
The CIELCh color **97, 37.097, 115.667** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 39.595, 300.121**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **77, 36.698, 115.734** is the 20% darker color. If you saturate the color by 10%, you get **96, 49.581, 114.985**, and if you desaturate by 10%, it is **98, 24.316, 116.377**.

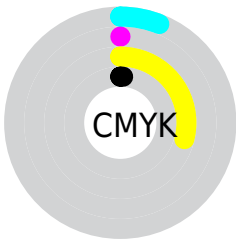
Distribution



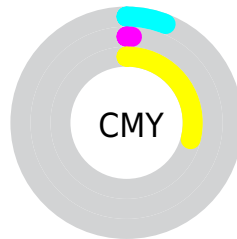
- Red (94%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 37.097, 115.667 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, 37.097, 115.667 by changing the saturation by 10% instead.


 97, 37.097,
115.667

 97, 37.097,
115.667

 100, 37.097,
115.667

 87, 37.097,
115.667

 77, 37.097,
115.667

 67, 37.097,
115.667

 57, 37.097,
115.667

 47, 37.097,
115.667

 37, 37.097,
115.667

 27, 37.097,

115.667

■ 17, 37.097,
115.667

■ 7, 37.097, 115.667

■ 97, 37.097,
115.667

■ 97, 37.097,
115.667

■ 96, 49.581,
114.985

■ 98, 24.316,
116.377

■ 96, 61.546,
114.357

■ 99, 11.374,
117.083

■ 95, 72.670,
113.837

■ 100, 0.734,
307.081

■ 95, 82.485,
113.494

■ 100, 0.851,
324.108

■ 94, 90.397,
113.419

■ 94, 95.835,
113.702

■ 93, 98.682,
114.379

■ 93, 98.955,
114.474

Harmonies

Complementary

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



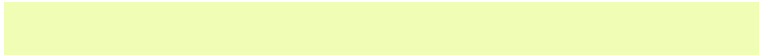
97, 37.097, 115.667



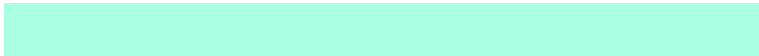
77, 39.595, 300.121

Rectangle

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



97, 37.097, 115.667



97, 37.097, 165.667



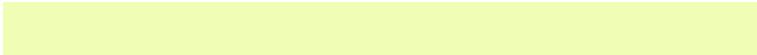
97, 37.097, 295.667



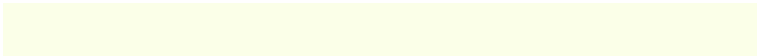
97, 37.097, 345.667

Sweetspot

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



97, 37.099, 115.670



99, 11.744, 117.066



83, 24.561, 37.544



53, 8.159, 116.964



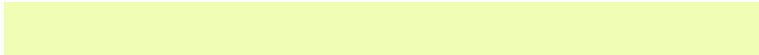
0, 0.000, 0.000



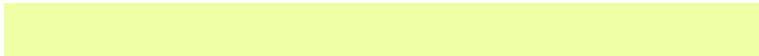
53, 0.007, 296.813

Same Dimension

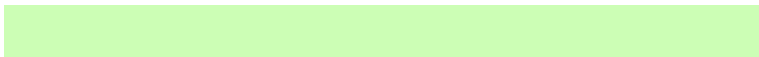
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 37.099, 115.670



97, 45.136, 115.237



95, 41.408, 133.838



53, 7.418, 117.030



72, 79.964, 114.293



25, 36.128, 113.317

Inverse Universe

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



77, 39.595, 300.121



73, 48.989, 300.790



80, 42.380, 316.446



49, 7.576, 298.382



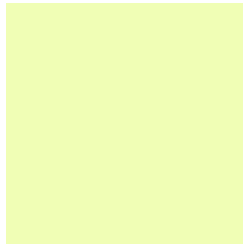
24, 106.288, 307.177



4, 44.542, 305.393

Previews

White Background



This preview shows how the CIELCh color 97, 37.097, 115.667 looks on a white background.

Color Contrast Check

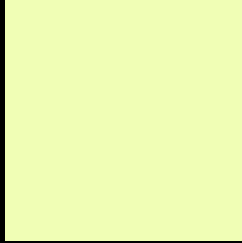
Large Text (above 18pt) WCAG AA × Fail

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, 37.097, 115.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

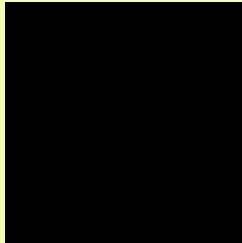
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 37.097, 115.667

Background



This preview shows how black text looks on a background with the CIELCh color 97, 37.097, 115.667.

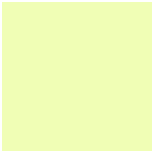
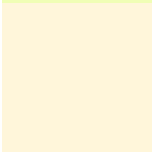
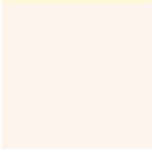



This preview shows how white text looks on a background with the CIELCh color 97, 37.097, 115.667.

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](#).

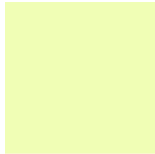
Dichromacy

	Original Color 97, 37.122, 115.659
	Protanopia 97, 14.625, 95.934
	Deuteranopia 97, 5.660, 65.525

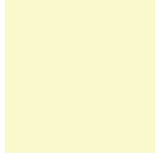


Tritanopia
97, 5.242, 302.017

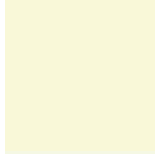
Trichromacy



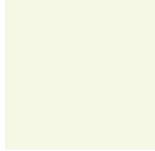
Original Color
97, 37.122, 115.659



Protanomaly
97, 22.828, 108.416

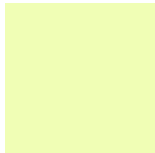


Deuteranomaly
97, 16.272, 107.623

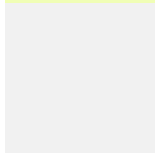


Tritanomaly
97, 10.248, 115.458

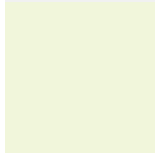
Monochromacy



Original Color
97, 37.122, 115.659



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 13.898, 116.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 37.097, 115.667 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, 254, 181)` looks like.

```
.text, #text, p{  
    color:rgb(240, 254, 181)  
}
```

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, 254, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 254, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 37.097, 115.667 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, 254, 181) }
```

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

```
.border{ border-color:rgb(240, 254, 181) }
```

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

Here you see how a box with a 4 pixel rgb(240, 254, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 254, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 254, 181);  
box-shadow:4px 4px 4px 4px rgb(240, 254,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 37.097, 115.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 254, 181) }
```

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

```
.background{ background-color: rgb(240,  
254, 181) }
```

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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