

Converting Colors

CIELCh(97, 42.139, 115.567)

Have a look what the booklet for
CIELCh(97, 42.139, 115.567)
contains.

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Color

CIELCh(97, 42.610, 115.817)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFAB
RGB	238, 255, 171
RGB Percent	93%, 100%, 67%
CMY	0.0676, 0.0009, 0.3303
CMYK	0.07, 0.00, 0.33, 0.00
HSL	72°, 99%, 83%
HSV	72°, 33%, 100%
XYZ	78.1973, 92.4403, 52.1396
YIQ	240.3410, 16.8320, -29.7280

Conversions

Conversions Part 2

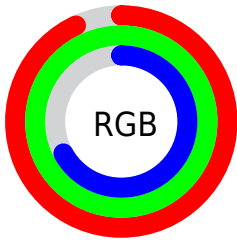
Format	Color
RYB	171, 255, 188
Decimal	15663019
CIELab	97.00, -18.56, 38.36
CIELCh	97, 42.610, 115.817
Yxy	92.4403, 0.3510, 0.4149
Android (android.graphics.Color)	4293853099 (0xFFEEFFAB)
YUV	240.3410, -34.1851, -2.0531
Hunter-Lab	96.1459, -23.0778, 35.1494

Details

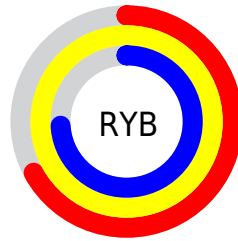
The CIELCh color **97, 42.610, 115.817** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 45.959, 300.908**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **77, 42.342, 115.799** is the 20% darker color. If you saturate the color by 10%, you get **96, 54.972, 115.166**, and if you desaturate by 10%, it is **98, 29.871, 116.509**.

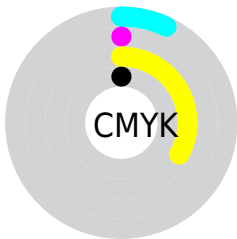
Distribution



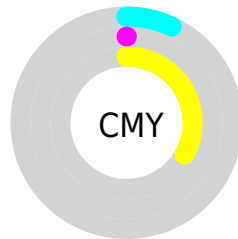
- Red (93%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 42.610, 115.817 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, 42.610, 115.817 by changing the saturation by 10% instead.


 97, 42.610,
115.817

 97, 42.610,
115.817


 100, 42.610,
115.817


 87, 42.610,
115.817

 77, 42.610,
115.817

 67, 42.610,
115.817

 57, 42.610,
115.817

 47, 42.610,
115.817

 37, 42.610,
115.817

 27, 42.610,

115.817

■ 17, 42.610,
115.817

■ 7, 42.610, 115.817

■ 97, 42.610,
115.817

■ 97, 42.610,
115.817

■ 96, 54.972,
115.166

■ 98, 29.871,
116.509

■ 96, 66.693,
114.589

■ 99, 16.919,
117.205

■ 95, 77.392,
114.149

■ 100, 3.867,
117.893

■ 95, 86.541,
113.925

■ 100, 0.151,
322.393

■ 94, 93.523,
114.015

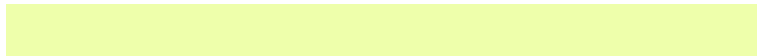
■ 94, 97.869,
114.502

■ 93, 99.541,
115.059

Harmonies

Complementary

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



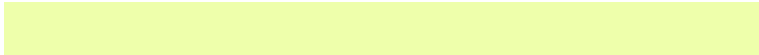
97, 42.610, 115.817



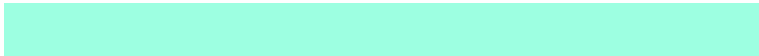
74, 45.959, 300.908

Rectangle

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



97, 42.610, 115.817



97, 42.610, 165.817



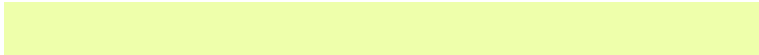
97, 42.610, 295.817



97, 42.610, 345.817

Sweetspot

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



97, 42.612, 115.820



99, 13.062, 117.410



82, 28.476, 39.272



53, 8.910, 117.313



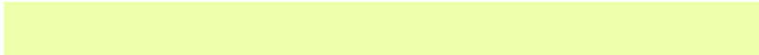
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

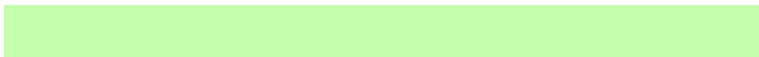
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 42.612, 115.820



97, 51.395, 115.354



94, 47.826, 134.118



53, 7.427, 117.445



72, 80.161, 114.867



25, 36.196, 113.844

Inverse Universe

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



74, 45.959, 300.908



69, 56.537, 301.683



78, 49.029, 317.160



49, 7.584, 298.770



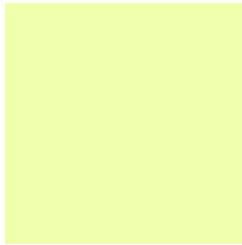
24, 106.152, 307.263



4, 44.563, 305.596

Previews

White Background



This preview shows how the CIE LCh color 97, 42.610, 115.817 looks on a white background.

Color Contrast Check

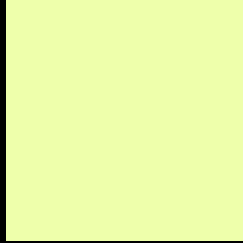
Large Text (above 18pt) WCAG AA × Fail

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, 42.610, 115.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

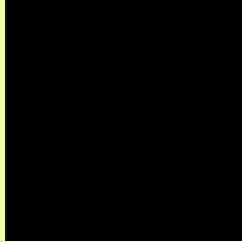
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 42.610, 115.817

Background



This preview shows how black text looks on a background with the CIELCh color 97, 42.610, 115.817.

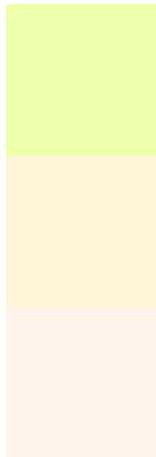


This preview shows how white text looks on a background with the CIELCh color 97, 42.610, 115.817.

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, 42.610, 115.817

Protanopia
97, 15.122, 96.315

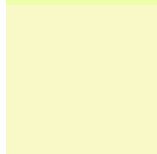
Deuteranopia
97, 6.040, 68.836

Tritanopia
97, 5.242, 302.017

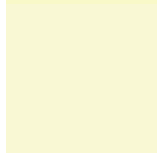
Trichromacy



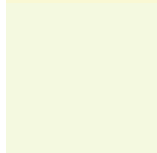
Original Color
97, 42.610, 115.817



Protanomaly
97, 24.841, 108.259



Deuteranomaly
97, 18.298, 107.603

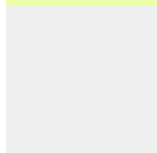


Tritanomaly
97, 12.860, 117.310

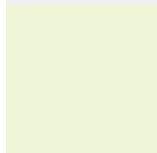
Monochromacy



Original Color
97, 42.610, 115.817



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 15.476, 117.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 42.610, 115.817 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(238, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 171)  
}
```

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(238, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 42.610, 115.817 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(238, 255, 171) }
```

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

```
.border{ border-color:rgb(238, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 42.610, 115.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 171) }
```

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

```
.background{ background-color: rgb(238,  
255, 171) }
```

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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