

Converting Colors

CIELCh(97, 47.455, 112.217)

Have a look what the booklet for
CIELCh(97, 47.455, 112.217)
contains.

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Color

CIELCh(97, 47.167, 112.295)

Conversions

Conversions Part 1

Format	Color
Hex	F2FEA0
RGB	242, 254, 160
RGB Percent	95%, 100%, 63%
CMY	0.0503, 0.0032, 0.3719
CMYK	0.05, 0.00, 0.37, 0.00
HSL	68°, 98%, 81%
HSV	68°, 37%, 100%
XYZ	78.5295, 92.4403, 47.0338
YIQ	239.6960, 23.0220, -31.7780

Conversions

Conversions Part 2

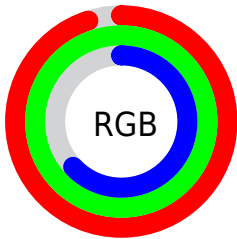
Format	Color
RYB	160, 254, 172
Decimal	15924896
CIELab	97.00, -17.89, 43.64
CIElCh	97, 47.167, 112.295
Yxy	92.4403, 0.3602, 0.4240
Android (android.graphics.Color)	4294114976 (0xFFFF2FEA0)
YUV	239.6960, -39.2901, 2.0206
Hunter-Lab	96.1459, -22.4610, 38.2979

Details

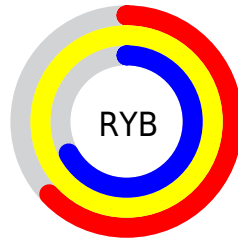
The CIELCh color **97, 47.167, 112.295** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 51.696, 298.991**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **77, 46.936, 111.965** is the 20% darker color. If you saturate the color by 10%, you get **96, 59.161, 111.572**, and if you desaturate by 10%, it is **98, 34.696, 113.071**.

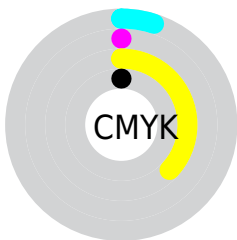
Distribution



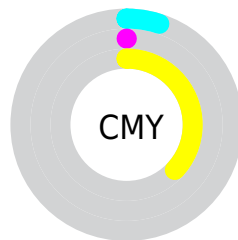
- Red (95%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 47.167, 112.295 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, 47.167, 112.295 by changing the saturation by 10% instead.

 97, 47.167,
112.295

 97, 47.167,
112.295

 100, 47.167,
112.295

 87, 47.167,
112.295

 77, 47.167,
112.295

 67, 47.167,
112.295

 57, 47.167,
112.295

 47, 47.167,
112.295

 37, 47.167,
112.295

 27, 47.167,

112.295

■ 17, 47.167,
112.295

■ 7, 47.167, 112.295

■ 97, 47.167,
112.295

■ 97, 47.167,
112.295

■ 96, 59.161,
111.572

■ 98, 34.696,
113.071

■ 96, 70.364,
110.937

■ 98, 21.943,
113.861

■ 96, 80.332,
110.449

■ 99, 9.043, 114.647

■ 95, 88.479,
110.183

100, 0.523,
323.868

■ 95, 94.206,
110.215

■ 95, 97.221,
110.592

■ 95, 97.808,
110.745

Harmonies

Complementary

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



97, 47.167, 112.295



70, 51.696, 298.991

Rectangle

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



97, 47.167, 112.295



97, 47.167, 162.295



97, 47.167, 292.295



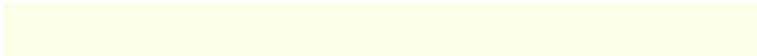
97, 47.167, 342.295

Sweetspot

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



97, 47.169, 112.298



99, 14.268, 114.333



78, 34.346, 31.834



53, 9.584, 114.227



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

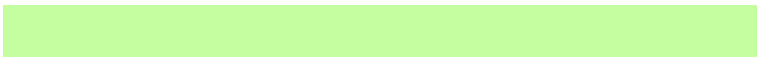
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 47.169, 112.298



97, 55.790, 111.781



94, 52.153, 131.291



53, 7.376, 114.451



73, 78.944, 110.617



25, 35.783, 109.967

Inverse Universe

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



70, 51.696, 298.991



65, 62.516, 299.959



74, 54.185, 314.684



49, 7.539, 295.976



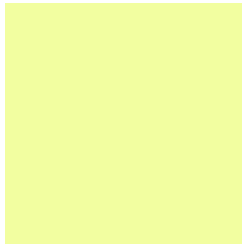
24, 106.992, 306.744



4, 44.417, 304.225

Previews

White Background



This preview shows how the CIE LCh color 97, 47.167, 112.295 looks on a white background.

Color Contrast Check

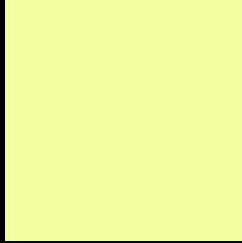
Large Text (above 18pt) WCAG AA × Fail

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, 47.167, 112.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

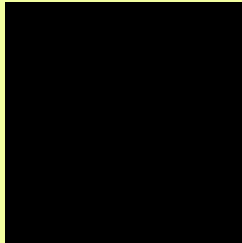
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 47.167, 112.295

Background



This preview shows how black text looks on a background with the CIELCh color 97, 47.167, 112.295.

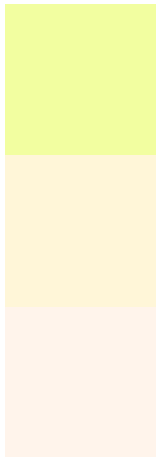


This preview shows how white text looks on a background with the CIELCh color 97, 47.167, 112.295.

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, 47.167, 112.295

Protanopia
97, 15.619, 96.669

Deuteranopia
97, 6.040, 68.836

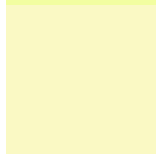


Tritanopia
97, 6.168, 313.832

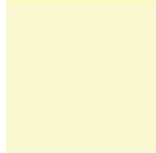
Trichromacy



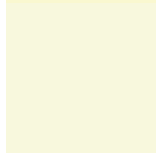
Original Color
97, 47.167, 112.295



Protanomaly
97, 26.851, 107.293



Deuteranomaly
97, 20.329, 106.503

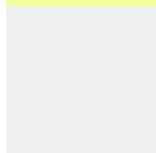


Tritanomaly
97, 13.734, 109.117

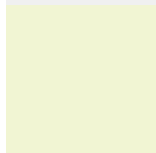
Monochromacy



Original Color
97, 47.167, 112.295



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 17.403, 113.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 47.167, 112.295 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(242, 254, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 160)  
}
```

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(242, 254, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 47.167, 112.295 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(242, 254, 160) }
```

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

```
.border{ border-color:rgb(242, 254, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 254, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 47.167, 112.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 160) }
```

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

```
.background{ background-color: rgb(242,  
254, 160) }
```

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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