

Converting Colors

CIELCh(99, 59.519, 115.447)

Have a look what the booklet for
CIELCh(99, 59.519, 115.447)
contains.

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Color

CIELCh(97, 55.364, 112.955)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF91
RGB	239, 255, 145
RGB Percent	94%, 100%, 57%
CMY	0.0632, 0.0000, 0.4321
CMYK	0.06, 0.00, 0.43, 0.00
HSL	69°, 100%, 78%
HSV	69°, 43%, 100%
XYZ	76.6870, 92.4403, 40.5116
YIQ	237.6760, 25.7740, -37.6020

Conversions

Conversions Part 2

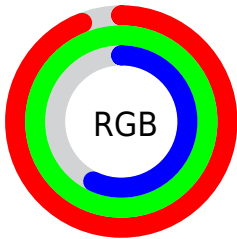
Format	Color
R_{YB}	145, 255, 161
Decimal	15728529
CIE _{Lab}	97.00, -21.59, 50.98
CIE _{LCh}	97, 55.364, 112.955
Yxy	92.4403, 0.3658, 0.4410
Android (android.graphics.Color)	4293918609 (0xFFEFFF91)
YUV	237.6760, -45.6893, 1.1611
Hunter-Lab	96.1459, -25.8817, 42.3199

Details

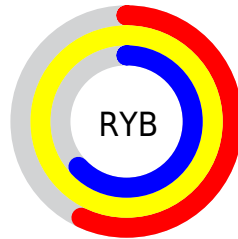
The CIELCh color **97, 55.364, 112.955** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **66, 61.326, 300.392**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **77, 54.659, 112.696** is the 20% darker color. If you saturate the color by 10%, you get **96, 66.548, 112.024**, and if you desaturate by 10%, it is **97, 42.684, 113.395**.

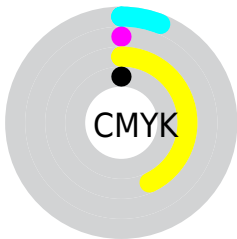
Distribution



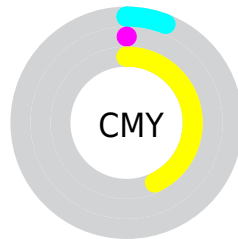
- Red (94%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 55.364, 112.955 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, 55.364, 112.955 by changing the saturation by 10% instead.


 97, 55.364,
112.955


 97, 55.364,
112.955


 100, 55.364,
112.955


 87, 55.364,
112.955

 77, 55.364,
112.955

 67, 55.364,
112.955

 57, 55.364,
112.955

 47, 55.364,
112.955

 37, 55.364,
112.955

 27, 55.364,

112.955

■ 17, 55.364,
112.955

■ 7, 55.364, 112.955

■ 97, 55.364,
112.955

■ 97, 55.364,
112.955

■ 96, 66.548,
112.024

■ 97, 42.684,
113.395

■ 96, 77.103,
111.503

■ 98, 30.030,
114.153

■ 95, 86.072,
111.182

■ 99, 17.154,
114.919

■ 95, 92.833,
111.144

■ 100, 4.168,
115.674

■ 95, 96.924,
111.458

100, 0.012,
296.813

■ 94, 98.382,
111.849

Harmonies

Complementary

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



97, 55.364, 112.955



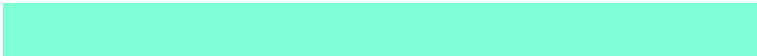
66, 61.326, 300.392

Rectangle

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



97, 55.364, 112.955



97, 55.364, 162.955



97, 55.364, 292.955



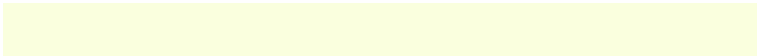
97, 55.364, 342.955

Sweetspot

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



97, 54.944, 112.673



99, 16.880, 114.936



75, 40.745, 33.756



53, 11.805, 114.767



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

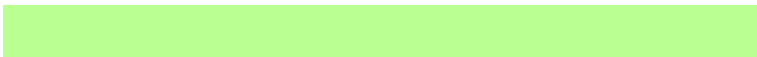
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 54.944, 112.673



96, 65.189, 112.097



93, 61.101, 131.507



53, 7.387, 115.202



73, 79.203, 111.703



25, 35.870, 110.953

Inverse Universe

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



66, 61.326, 300.392



59, 74.959, 301.636



71, 63.740, 315.486



49, 7.548, 296.674



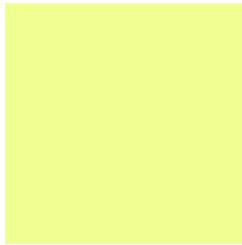
24, 106.812, 306.852



4, 44.454, 304.560

Previews

White Background



This preview shows how the CIE LCh color 97, 55.364, 112.955 looks on a white background.

Color Contrast Check

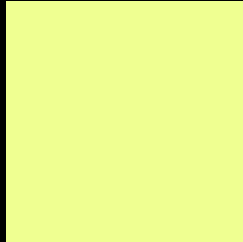
Large Text (above 18pt) WCAG AA × Fail

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, 55.364, 112.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

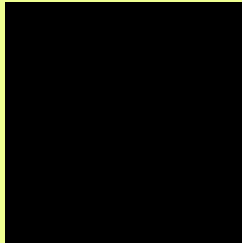
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 55.364, 112.955

Background



This preview shows how black text looks on a background with the CIELCh color 97, 55.364, 112.955.

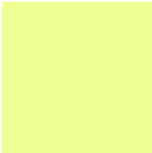
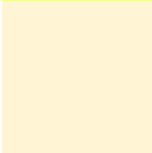
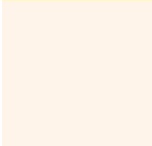



This preview shows how white text looks on a background with the CIELCh color 97, 55.364, 112.955.

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](#).

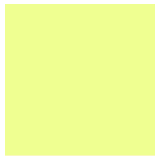
Dichromacy

	Original Color 97, 54.851, 112.638
	Protanopia 97, 17.205, 96.361
	Deuteranopia 97, 6.852, 74.297

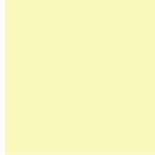


Tritanopia
97, 6.645, 312.096

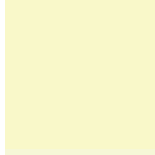
Trichromacy



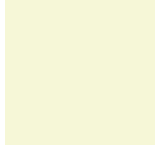
Original Color
97, 54.851, 112.638



Protanomaly
97, 30.853, 107.788

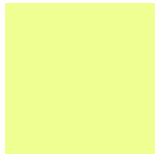


Deuteranomaly
97, 23.853, 107.426

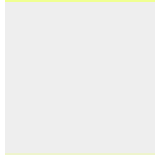


Tritanomaly
96, 16.291, 110.212

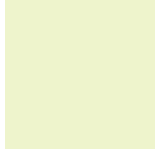
Monochromacy



Original Color
97, 54.851, 112.638



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 20.528, 114.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 55.364, 112.955 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(239, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 145)  
}
```

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(239, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 55.364, 112.955 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(239, 255, 145) }
```

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

```
.border{ border-color:rgb(239, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 55.364, 112.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 145) }
```

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

```
.background{ background-color: rgb(239,  
255, 145) }
```

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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