

Converting Colors

CIELCh(97, 54.714, 110.587)

Have a look what the booklet for
CIELCh(97, 54.714, 110.587)
contains.

CIELCh(97, 55.106, 110.523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 55.106, 110.523)

Conversions

Conversions Part 1

Format	Color
Hex	F4FF90
RGB	244, 255, 144
RGB Percent	96%, 100%, 56%
CMY	0.0447, 0.0015, 0.4367
CMYK	0.04, 0.00, 0.44, 0.00
HSL	66°, 99%, 78%
HSV	66°, 44%, 100%
XYZ	77.8160, 92.4403, 39.9828
YIQ	239.0570, 29.0750, -36.8530

Conversions

Conversions Part 2

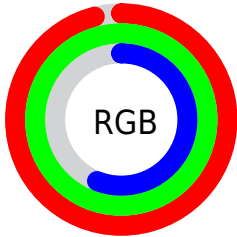
Format	Color
R_{YB}	144, 255, 155
Decimal	16056208
CIE _{Lab}	97.00, -19.32, 51.61
CIE _{LCh}	97, 55.106, 110.523
Y _{xy}	92.4403, 0.3701, 0.4397
Android (android.graphics.Color)	4294246288 (0xFFFF4FF90)
YUV	239.0570, -46.8631, 4.3350
Hunter-Lab	96.1459, -23.7857, 42.6461

Details

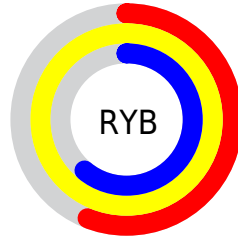
The CIELCh color **97, 55.106, 110.523** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 61.777, 299.079**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **77, 54.857, 110.437** is the 20% darker color. If you saturate the color by 10%, you get **97, 66.603, 109.811**, and if you desaturate by 10%, it is **98, 42.938, 111.311**.

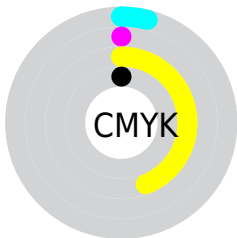
Distribution



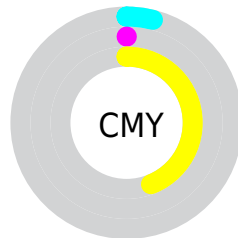
- Red (96%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 55.106, 110.523 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, 55.106, 110.523 by changing the saturation by 10% instead.


 97, 55.106,
110.523


 97, 55.106,
110.523


 100, 55.106,
110.523


 87, 55.106,
110.523

 77, 55.106,
110.523

 67, 55.106,
110.523

 57, 55.106,
110.523

 47, 55.106,
110.523

 37, 55.106,
110.523

 27, 55.106,

110.523

■ 17, 55.106,
110.523

■ 7, 55.106, 110.523

■ 97, 55.106,
110.523

■ 97, 55.106,
110.523

■ 97, 66.603,
109.811

■ 98, 42.938,
111.311

■ 96, 77.023,
109.216

■ 98, 30.363,
112.132

■ 96, 85.822,
108.805

■ 99, 17.557,
112.963

■ 96, 92.377,
108.647

■ 100, 4.635,
113.781

■ 95, 96.238,
108.796

100, 0.245,
323.185

■ 95, 97.508,
109.033

Harmonies

Complementary

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



97, 55.106, 110.523



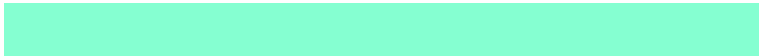
65, 61.777, 299.079

Rectangle

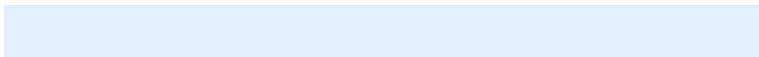
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 55.106, 110.523



97, 55.106, 160.523



97, 55.106, 290.523



97, 55.106, 340.523

Sweetspot

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



97, 55.108, 110.526



99, 16.823, 113.011



74, 42.689, 29.833



53, 11.765, 112.828



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

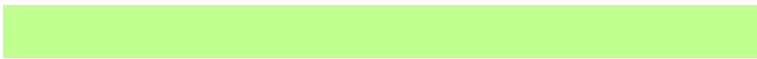
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 55.108, 110.526



97, 64.917, 109.917



94, 60.648, 129.875



53, 7.362, 113.300



74, 78.608, 108.931



25, 35.675, 108.444

Inverse Universe

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



65, 61.777, 299.079



58, 74.974, 300.425



70, 63.800, 313.924



49, 7.527, 294.908



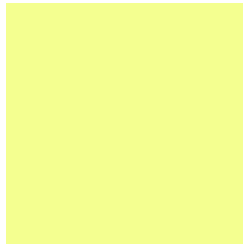
23, 107.229, 306.604



4, 44.358, 303.703

Previews

White Background



This preview shows how the CIELCh color 97, 55.106, 110.523 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, 55.106, 110.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

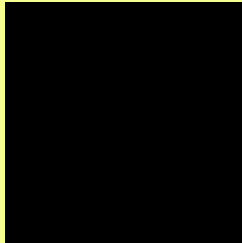
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 55.106, 110.523

Background



This preview shows how black text looks on a background with the CIELCh color 97, 55.106, 110.523.

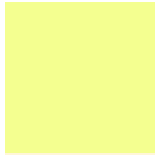


This preview shows how white text looks on a background with the CIELCh color 97, 55.106, 110.523.

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](#).

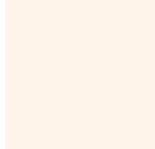
Dichromacy



Original Color
97, 55.106, 110.523



Protanopia
97, 15.619, 96.669

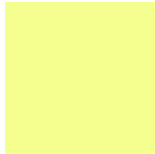


Deuteranopia
97, 6.439, 71.741



Tritanopia
97, 7.103, 319.977

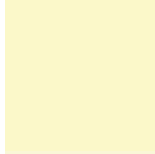
Trichromacy



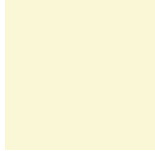
Original Color
97, 55.106, 110.523



Protanomaly
97, 29.861, 106.400

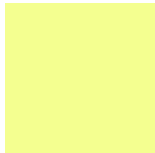


Deuteranomaly
97, 23.873, 105.616

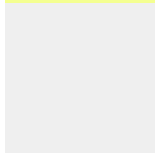


Tritanomaly
97, 16.312, 105.020

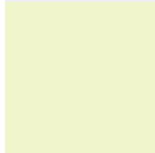
Monochromacy



Original Color
97, 55.106, 110.523



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 20.940, 112.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 55.106, 110.523 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(244, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 144)  
}
```

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(244, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 55.106, 110.523 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(244, 255, 144) }
```

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

```
.border{ border-color:rgb(244, 255, 144) }
```

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

Here you see how a box with a 4 pixel rgb(244, 255, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 55.106, 110.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 144) }
```

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

```
.background{ background-color: rgb(244,  
255, 144) }
```

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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