

Converting Colors

CIELCh(97, 56.046, 111.265)

Have a look what the booklet for
CIELCh(97, 56.046, 111.265)
contains.

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Color

CIELCh(97, 56.104, 111.187)

Conversions

Conversions Part 1

Format	Color
Hex	F2FF8E
RGB	242, 255, 142
RGB Percent	95%, 100%, 56%
CMY	0.0506, 0.0000, 0.4427
CMYK	0.05, 0.00, 0.44, 0.00
HSL	67°, 100%, 78%
HSV	67°, 44%, 100%
XYZ	77.3391, 92.4403, 39.3967
YIQ	238.2310, 28.5250, -37.8990

Conversions

Conversions Part 2

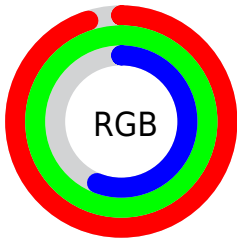
Format	Color
R_{YB}	142, 255, 155
Decimal	15925134
CIE _{Lab}	97.00, -20.28, 52.31
CIE _{LCh}	97, 56.104, 111.187
Yxy	92.4403, 0.3697, 0.4419
Android (android.graphics.Color)	4294115214 (0xFFFF2FF8E)
YUV	238.2310, -47.4419, 3.3054
Hunter-Lab	96.1459, -24.6710, 43.0075

Details

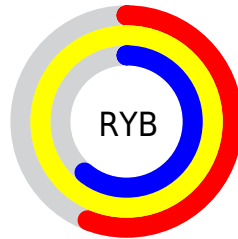
The CIELCh color **97, 56.104, 111.187** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 62.925, 299.611**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **77, 55.846, 111.134** is the 20% darker color. If you saturate the color by 10%, you get **96, 67.519, 110.466**, and if you desaturate by 10%, it is **98, 43.889, 111.912**.

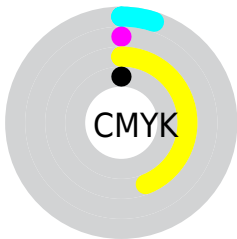
Distribution



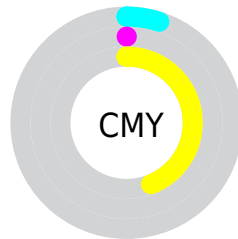
- Red (95%)
- Green (100%)
- Blue (56%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 56.104, 111.187 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, 56.104, 111.187 by changing the saturation by 10% instead.


 97, 56.104,
111.187


 97, 56.104,
111.187


 100, 56.104,
111.187


 87, 56.104,
111.187

 77, 56.104,
111.187

 67, 56.104,
111.187

 57, 56.104,
111.187

 47, 56.104,
111.187

 37, 56.104,
111.187

 27, 56.104,

111.187

■ 17, 56.104,
111.187

■ 7, 56.104, 111.187

■ 97, 56.104,
111.187

■ 97, 56.104,
111.187

■ 96, 67.519,
110.466

■ 98, 43.889,
111.912

■ 96, 77.880,
109.909

■ 98, 31.306,
112.711

■ 96, 86.579,
109.545

■ 99, 18.483,
113.521

■ 95, 92.995,
109.451

■ 100, 5.538,
114.320

■ 95, 96.705,
109.683

100, 0.012,
296.813

■ 95, 97.833,
109.937

Harmonies

Complementary

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



97, 56.104, 111.187



65, 62.925, 299.611

Rectangle

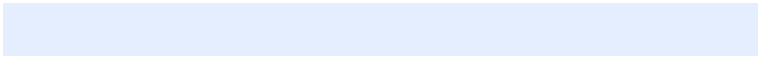
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 56.104, 111.187



97, 56.104, 161.187



97, 56.104, 291.187



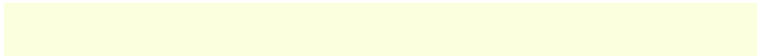
97, 56.104, 341.187

Sweetspot

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



97, 56.052, 111.151



99, 16.839, 113.624



74, 42.971, 31.193



53, 11.776, 113.445



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

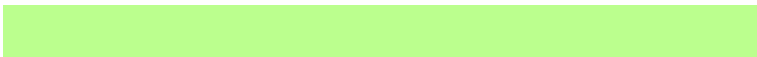
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 56.052, 111.151



97, 66.110, 110.548



93, 61.934, 130.388



53, 7.369, 113.905



73, 78.775, 109.820



25, 35.728, 109.247

Inverse Universe

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



65, 62.925, 299.611



58, 76.539, 300.965



70, 65.029, 314.480



49, 7.533, 295.469



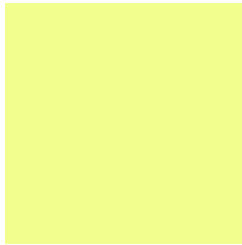
23, 107.111, 306.673



4, 44.389, 303.979

Previews

White Background



This preview shows how the CIE LCh color 97, 56.104, 111.187 looks on a white background.

Color Contrast Check

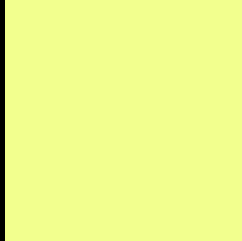
Large Text (above 18pt) WCAG AA × Fail

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, 56.104, 111.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

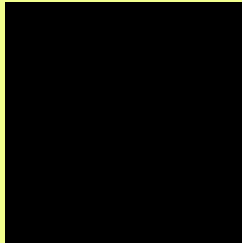
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 56.104, 111.187

Background



This preview shows how black text looks on a background with the CIELCh color 97, 56.104, 111.187.



This preview shows how white text looks on a background with the CIELCh color 97, 56.104, 111.187.

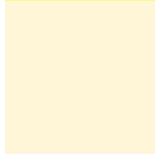
Color Blindness Simulation

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](#).

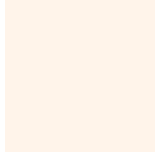
Dichromacy



Original Color
97, 56.104, 111.187



Protanopia
97, 16.117, 96.999



Deuteranopia
97, 6.439, 71.741

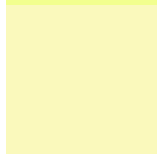


Tritanopia
97, 6.936, 317.462

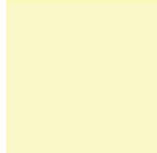
Trichromacy



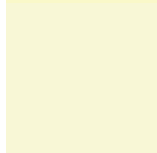
Original Color
97, 56.104, 111.187



Protanomaly
97, 30.854, 107.077



Deuteranomaly
97, 23.860, 106.521

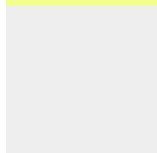


Tritanomaly
97, 16.791, 107.616

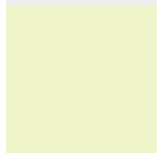
Monochromacy



Original Color
97, 56.104, 111.187



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 20.990, 113.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 56.104, 111.187 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, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 142)  
}
```

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, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 56.104, 111.187 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, 255, 142) }
```

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

```
.border{ border-color:rgb(242, 255, 142) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 56.104, 111.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 142) }
```

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

```
.background{ background-color: rgb(242,  
255, 142) }
```

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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