

Converting Colors

CIELCh(97, 55.763, 111.526)

Have a look what the booklet for
CIELCh(97, 55.763, 111.526)
contains.

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Color

CIElCh(97, 55.642, 111.262)

Conversions

Conversions Part 1

Format	Color
Hex	F2FF8F
RGB	242, 255, 143
RGB Percent	95%, 100%, 56%
CMY	0.0507, 0.0000, 0.4389
CMYK	0.05, 0.00, 0.44, 0.00
HSL	67°, 100%, 78%
HSV	67°, 44%, 100%
XYZ	77.3884, 92.4403, 39.7770
YIQ	238.3450, 28.2040, -37.5880

Conversions

Conversions Part 2

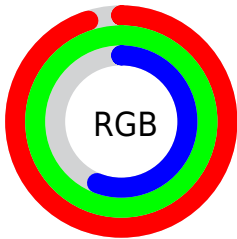
Format	Color
R_{YB}	143, 255, 156
Decimal	15925135
CIE _{Lab}	97.00, -20.18, 51.85
CIE _{LCh}	97, 55.642, 111.262
Yxy	92.4403, 0.3692, 0.4410
Android (android.graphics.Color)	4294115215 (0xFFFF2FF8F)
YUV	238.3450, -47.0051, 3.2054
Hunter-Lab	96.1459, -24.5796, 42.7729

Details

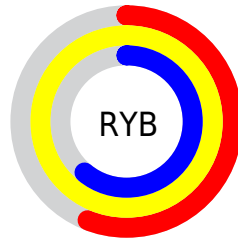
The CIELCh color **97, 55.642, 111.262** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 62.341, 299.592**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **77, 55.398, 111.219** is the 20% darker color. If you saturate the color by 10%, you get **96, 67.109, 110.551**, and if you desaturate by 10%, it is **98, 43.422, 111.999**.

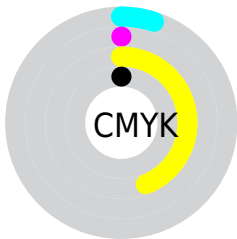
Distribution



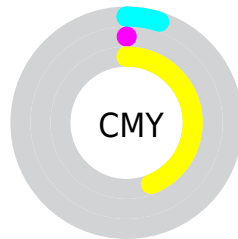
- Red (95%)
- Green (100%)
- Blue (56%)



- 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, 55.642, 111.262 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, 55.642, 111.262 by changing the saturation by 10% instead.


 97, 55.642,
111.262


 97, 55.642,
111.262

 100, 55.642,
111.262


 87, 55.642,
111.262

 77, 55.642,
111.262

 67, 55.642,
111.262

 57, 55.642,
111.262

 47, 55.642,
111.262

 37, 55.642,
111.262

 27, 55.642,

111.262

■ 17, 55.642,
111.262

■ 7, 55.642, 111.262

■ 97, 55.642,
111.262

■ 97, 55.642,
111.262

■ 96, 67.109,
110.551

■ 98, 43.422,
111.999

■ 96, 77.523,
109.990

■ 98, 30.826,
112.797

■ 96, 86.299,
109.621

■ 99, 17.995,
113.605

■ 95, 92.815,
109.519

■ 100, 5.046,
114.402

■ 95, 96.632,
109.743

100, 0.012,
296.813

■ 95, 97.853,
110.016

Harmonies

Complementary

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



97, 55.642, 111.262



65, 62.341, 299.592

Rectangle

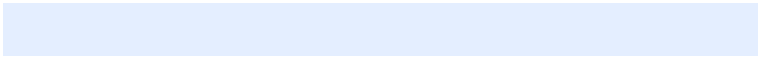
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 55.642, 111.262



97, 55.642, 161.262



97, 55.642, 291.262



97, 55.642, 341.262

Sweetspot

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



97, 55.607, 111.238



99, 16.840, 113.677



74, 42.541, 31.149



53, 11.777, 113.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

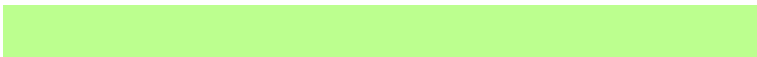
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 55.607, 111.238



97, 66.117, 110.609



94, 61.426, 130.406



53, 7.370, 113.958



73, 78.791, 109.898



25, 35.733, 109.317

Inverse Universe

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



65, 62.341, 299.592



58, 76.538, 300.998



70, 64.468, 314.464



49, 7.533, 295.518



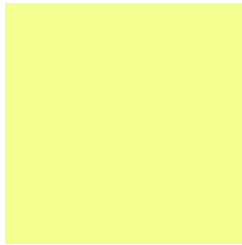
23, 107.100, 306.680



4, 44.392, 304.003

Previews

White Background



This preview shows how the CIE LCh color 97, 55.642, 111.262 looks on a white background.

Color Contrast Check

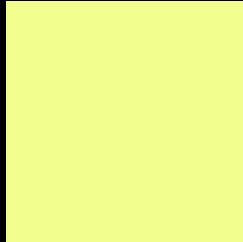
Large Text (above 18pt) WCAG AA × Fail

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, 55.642, 111.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

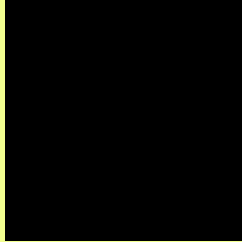
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 55.642, 111.262

Background



This preview shows how black text looks on a background with the CIELCh color 97, 55.642, 111.262.

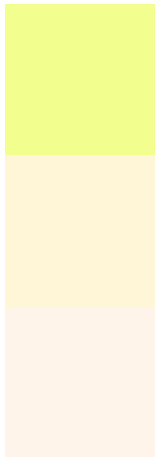


This preview shows how white text looks on a background with the CIELCh color 97, 55.642, 111.262.

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, 55.642, 111.262

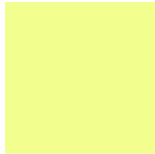
Protanopia
97, 16.117, 96.999

Deuteranopia
97, 6.439, 71.741



Tritanopia
97, 6.936, 317.462

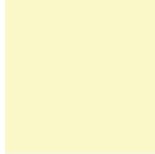
Trichromacy



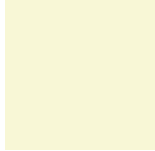
Original Color
97, 55.642, 111.262



Protanomaly
97, 30.355, 107.106

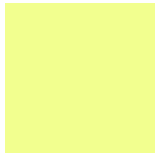


Deuteranomaly
97, 23.860, 106.521

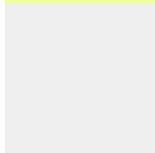


Tritanomaly
97, 16.791, 107.616

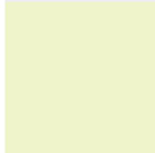
Monochromacy



Original Color
97, 55.642, 111.262



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, 55.642, 111.262 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 55.642, 111.262 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, 143) }
```

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

```
.border{ border-color:rgb(242, 255, 143) }
```

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, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 55.642, 111.262 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, 143) }
```

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

```
.background{ background-color: rgb(242,  
255, 143) }
```

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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