

Converting Colors

CIELCh(96, 54.813, 108.229)

Have a look what the booklet for
CIELCh(96, 54.813, 108.229)
contains.

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Color

CIELCh(96, 55.089, 108.412)

Conversions

Conversions Part 1

Format	Color
Hex	F5FB8C
RGB	245, 251, 140
RGB Percent	96%, 98%, 55%
CMY	0.0406, 0.0170, 0.4523
CMYK	0.02, 0.00, 0.44, 0.02
HSL	63°, 93%, 77%
HSV	63°, 44%, 98%
XYZ	76.6289, 90.0078, 38.0187
YIQ	236.5520, 32.0550, -35.7930

Conversions

Conversions Part 2

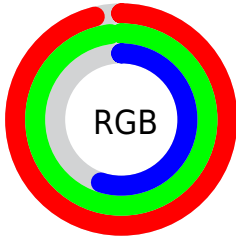
Format	Color
RYB	140, 251, 146
Decimal	16120716
CIELab	96.00, -17.40, 52.27
CIELCh	96, 55.089, 108.412
Yxy	90.0078, 0.3744, 0.4398
Android (android.graphics.Color)	4294310796 (0xFFFF5FB8C)
YUV	236.5520, -47.6001, 7.4089
Hunter-Lab	94.8724, -21.8516, 42.6512

Details

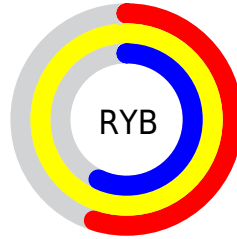
The CIELCh color **96, 55.089, 108.412** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **63, 62.023, 297.913**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **76, 55.234, 108.560** is the 20% darker color. If you saturate the color by 10%, you get **96, 66.348, 107.635**, and if you desaturate by 10%, it is **96, 43.142, 109.263**.

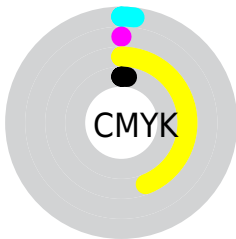
Distribution



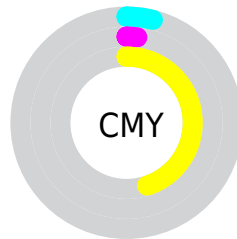
- Red (96%)
- Green (98%)
- Blue (55%)



- Red (55%)
- Yellow (98%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 55.089, 108.412 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 96, 55.089, 108.412 by changing the saturation by 10% instead.


 96, 55.089,
108.412


 96, 55.089,
108.412


 100, 55.089,
108.412


 86, 55.089,
108.412

 76, 55.089,
108.412

 66, 55.089,
108.412

 56, 55.089,
108.412

 46, 55.089,
108.412

 36, 55.089,
108.412

 26, 55.089,

108.412

■ 16, 55.089,
108.412

■ 6, 55.089, 108.412

■ 96, 55.089,
108.412

■ 96, 55.089,
108.412

■ 96, 66.348,
107.635

■ 96, 43.142,
109.263

■ 95, 76.508,
106.968

■ 97, 30.776,
110.147

■ 95, 85.017,
106.466

■ 98, 18.174,
111.042

■ 95, 91.261,
106.187

■ 98, 5.448, 111.926

■ 99, 2.243, 297.301

■ 95, 94.823,
106.170

■ 99, 2.353, 308.794

■ 95, 95.881,
106.256

■ 99, 2.548, 318.921

■ 99, 2.706, 324.422

Harmonies

Complementary

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



96, 55.089, 108.412



63, 62.023, 297.913

Rectangle

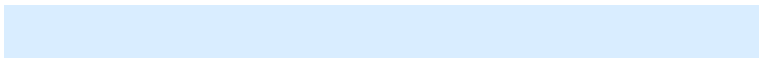
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 55.089, 108.412



96, 55.089, 158.412



96, 55.089, 288.412



96, 55.089, 338.412

Sweetspot

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



96, 55.090, 108.415



99, 16.786, 111.155



71, 44.077, 27.482



53, 11.739, 110.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 55.090, 108.415



97, 65.867, 107.726



92, 60.220, 128.725



52, 7.226, 111.468



73, 77.455, 106.198



24, 34.410, 106.070

Inverse Universe

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



63, 62.023, 297.913



57, 76.593, 299.490



68, 63.752, 312.902



48, 7.389, 293.211



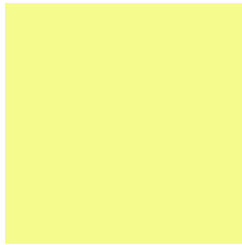
23, 106.437, 306.443



3, 42.183, 302.002

Previews

White Background



This preview shows how the CIELCh color 96, 55.089, 108.412 looks on a white background.

Color Contrast Check

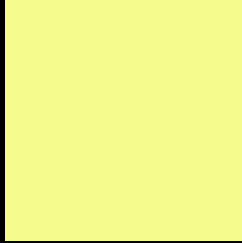
Large Text (above 18pt) WCAG AA × Fail

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 96, 55.089, 108.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

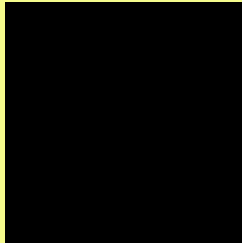
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 55.089, 108.412

Background



This preview shows how black text looks on a background with the CIELCh color 96, 55.089, 108.412.

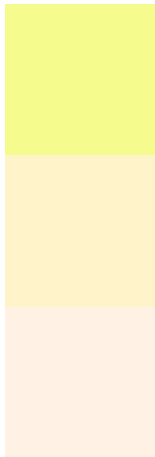


This preview shows how white text looks on a background with the CIELCh color 96, 55.089, 108.412.

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
96, 55.089, 108.412

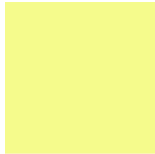
Protanopia
96, 21.874, 96.514

Deuteranopia
96, 8.771, 74.019

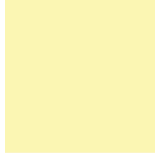


Tritanopia
96, 9.778, 328.170

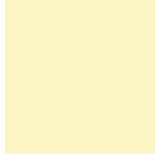
Trichromacy



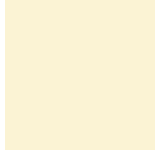
Original Color
96, 55.089, 108.412



Protanomaly
96, 33.962, 104.252

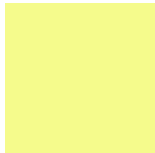


Deuteranomaly
96, 25.511, 103.059

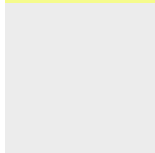


Tritanomaly
96, 16.083, 98.282

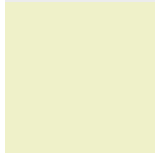
Monochromacy



Original Color
96, 55.089, 108.412



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 20.449, 110.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 55.089, 108.412 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(245, 251, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 140)  
}
```

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(245, 251, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 55.089, 108.412 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(245, 251, 140) }
```

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

```
.border{ border-color:rgb(245, 251, 140) }
```

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

Here you see how a box with a 4 pixel rgb(245, 251, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 55.089, 108.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 140) }
```

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

```
.background{ background-color: rgb(245,  
251, 140) }
```

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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