

Converting Colors

CIELCh(100, 62.563, 119.648)

Have a look what the booklet for
CIELCh(100, 62.563, 119.648)
contains.

CIELCh(96, 55.338, 115.838)	3
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Color

CIELCh(96, 55.338, 115.838)

Conversions

Conversions Part 1

Format	Color
Hex	E6FE90
RGB	230, 254, 144
RGB Percent	90%, 100%, 56%
CMY	0.0967, 0.0025, 0.4338
CMYK	0.09, 0.00, 0.43, 0.00
HSL	73°, 99%, 78%
HSV	73°, 43%, 100%
XYZ	73.3578, 90.0078, 40.0485
YIQ	234.2840, 21.0060, -39.2980

Conversions

Conversions Part 2

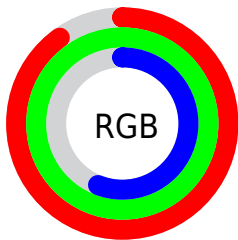
Format	Color
RYB	144, 254, 168
Decimal	15138448
CIELab	96.00, -24.12, 49.81
CIELCh	96, 55.338, 115.838
Yxy	90.0078, 0.3606, 0.4425
Android (android.graphics.Color)	4293328528 (0xFFE6FE90)
YUV	234.2840, -44.5100, -3.7571
Hunter-Lab	94.8724, -28.0060, 41.3826

Details

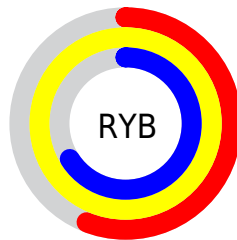
The CIELCh color **96, 55.338, 115.838** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **66, 61.364, 302.535**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **76, 55.181, 115.654** is the 20% darker color. If you saturate the color by 10%, you get **95, 67.060, 115.285**, and if you desaturate by 10%, it is **97, 42.977, 116.474**.

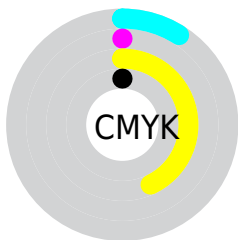
Distribution



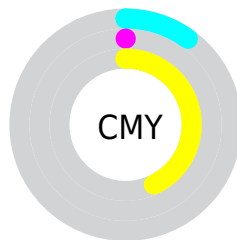
- Red (90%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 55.338, 115.838 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, 55.338, 115.838 by changing the saturation by 10% instead.


 96, 55.338,
115.838


 96, 55.338,
115.838


 100, 55.338,
115.838


 86, 55.338,
115.838

 76, 55.338,
115.838

 66, 55.338,
115.838

 56, 55.338,
115.838

 46, 55.338,
115.838

 36, 55.338,
115.838

 26, 55.338,

115.838

■ 16, 55.338,
115.838

■ 6, 55.338, 115.838

■ 96, 55.338,
115.838

■ 96, 55.338,
115.838

■ 95, 67.060,
115.285

■ 97, 42.977,
116.474

■ 95, 77.752,
114.871

■ 98, 30.230,
117.144

■ 94, 86.886,
114.680

■ 98, 17.271,
117.823

■ 94, 93.848,
114.814

■ 99, 4.215, 118.494

100, 0.412,

■ 93, 98.178,
115.358

323.705

■ 93, 99.817,
115.933

Harmonies

Complementary

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



96, 55.338, 115.838



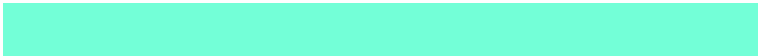
66, 61.364, 302.535

Rectangle

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



96, 55.338, 115.838



96, 55.338, 165.838



96, 55.338, 295.838



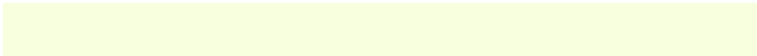
96, 55.338, 345.838

Sweetspot

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



96, 55.340, 115.840



99, 17.005, 117.838



77, 38.554, 41.104



52, 11.894, 117.689



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

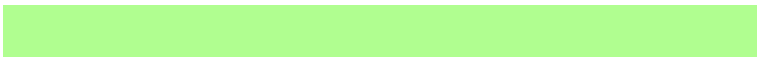
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 55.340, 115.840



96, 65.798, 115.347



93, 62.544, 134.023



53, 7.440, 118.074



72, 80.475, 115.731



25, 36.306, 114.640

Inverse Universe

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



66, 61.364, 302.535



60, 74.983, 303.561



72, 64.426, 318.107



49, 7.595, 299.360



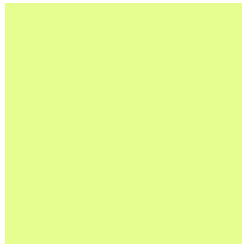
25, 105.934, 307.403



4, 44.595, 305.914

Previews

White Background



This preview shows how the CIELCh color 96, 55.338, 115.838 looks on a white background.

Color Contrast Check

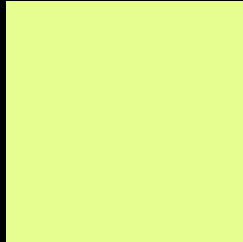
Large Text (above 18pt) WCAG AA × Fail

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 96, 55.338, 115.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

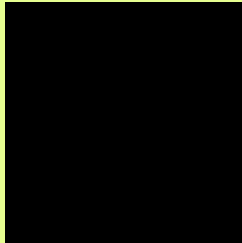
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 55.338, 115.838

Background



This preview shows how black text looks on a background with the CIELCh color 96, 55.338, 115.838.

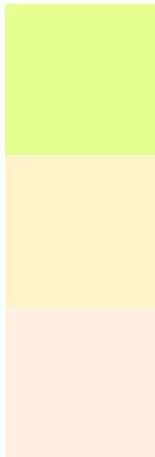


This preview shows how white text looks on a background with the CIELCh color 96, 55.338, 115.838.

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, 55.368, 115.828

Protanopia
96, 21.874, 96.514

Deuteranopia
96, 8.771, 74.019

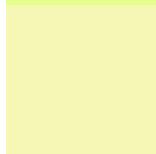


Tritanopia
96, 6.719, 296.596

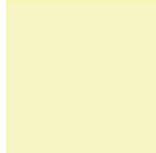
Trichromacy



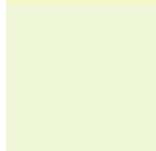
Original Color
96, 55.368, 115.828



Protanomaly
96, 33.891, 108.185



Deuteranomaly
96, 24.896, 108.236

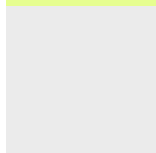


Tritanomaly
96, 16.027, 118.163

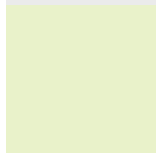
Monochromacy



Original Color
96, 55.368, 115.828



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 20.725, 117.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 55.338, 115.838 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(230, 254, 144)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 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(230, 254, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 55.338, 115.838 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(230, 254, 144) }
```

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

```
.border{ border-color:rgb(230, 254, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 254, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 254, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 254, 144); box-shadow:4px 4px 4px 4px rgb(230, 254, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 55.338, 115.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 254, 144) }
```

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

```
.background{ background-color: rgb(230,  
254, 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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