

Converting Colors

CIELCh(95, 64.752, 115.307)

Have a look what the booklet for
CIELCh(95, 64.752, 115.307)
contains.

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Color

CIELCh(95, 64.651, 115.248)

Conversions

Conversions Part 1

Format	Color
Hex	E1FD7B
RGB	225, 253, 123
RGB Percent	88%, 99%, 48%
CMY	0.1180, 0.0082, 0.5179
CMYK	0.11, 0.00, 0.51, 0.01
HSL	73°, 97%, 74%
HSV	73°, 51%, 99%
XYZ	69.6929, 87.6183, 31.9513
YIQ	229.8080, 25.0420, -46.3660

Conversions

Conversions Part 2

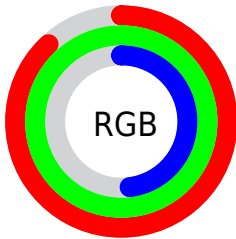
Format	Color
RYB	123, 253, 151
Decimal	14810491
CIELab	95.00, -27.58, 58.47
CIELCh	95, 64.651, 115.248
Yxy	87.6183, 0.3682, 0.4629
Android (android.graphics.Color)	4293000571 (0xFFE1FD7B)
YUV	229.8080, -52.6563, -4.2166
Hunter-Lab	93.6047, -30.9068, 45.2850

Details

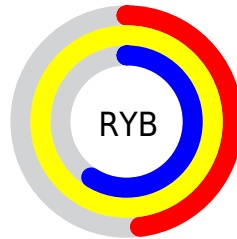
The CIELCh color **95, 64.651, 115.248** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **60, 73.558, 303.406**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **75, 64.482, 115.309** is the 20% darker color. If you saturate the color by 10%, you get **94, 75.513, 114.800**, and if you desaturate by 10%, it is **96, 52.850, 115.827**.

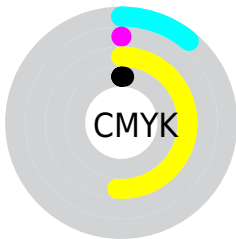
Distribution



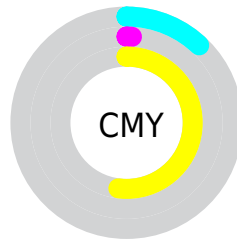
- Red (88%)
- Green (99%)
- Blue (48%)



- Red (48%)
- Yellow (99%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (51%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 64.651, 115.248 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 95, 64.651, 115.248 by changing the saturation by 10% instead.


 95, 64.651,
115.248


 95, 64.651,
115.248

 100, 64.651,
115.248

 85, 64.651,
115.248

 75, 64.651,
115.248

 65, 64.651,
115.248

 55, 64.651,
115.248

 45, 64.651,
115.248

 35, 64.651,
115.248

 25, 64.651,

115.248

■ 15, 64.651,
115.248

■ 5, 64.651, 115.248

■ 95, 64.651,
115.248

■ 95, 64.651,
115.248

■ 94, 75.513,
114.800

■ 96, 52.850,
115.827

■ 94, 84.930,
114.557

■ 96, 40.462,
116.473

■ 93, 92.296,
114.617

■ 97, 27.730,
117.150

■ 93, 97.098,
115.072

■ 98, 14.810,
117.831

■ 93, 99.314,
115.770

■ 99, 1.809, 118.507

■ 99, 1.300, 324.249

Harmonies

Complementary

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



95, 64.651, 115.248



60, 73.558, 303.406

Rectangle

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



95, 64.651, 115.248



95, 64.651, 165.248



95, 64.651, 295.248



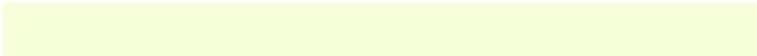
95, 64.651, 345.248

Sweetspot

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



95, 64.652, 115.250



99, 19.607, 117.586



72, 47.609, 39.961



52, 13.370, 117.442



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

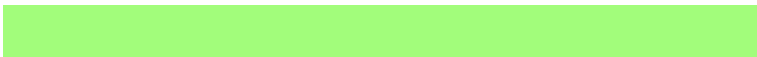
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 64.652, 115.250



95, 76.627, 114.778



91, 72.943, 133.088



53, 7.438, 117.958



72, 80.416, 115.573



25, 36.285, 114.494

Inverse Universe

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



60, 73.558, 303.406



52, 90.396, 304.704



66, 75.699, 317.879



49, 7.593, 299.252



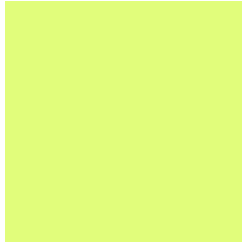
24, 105.975, 307.377



4, 44.589, 305.855

Previews

White Background



This preview shows how the CIELCh color 95, 64.651, 115.248 looks on a white background.

Color Contrast Check

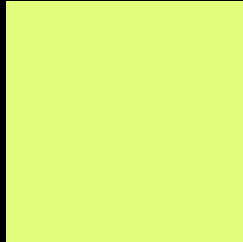
Large Text (above 18pt) WCAG AA × Fail

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 95, 64.651, 115.248 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 95, 64.651, 115.248

Background



This preview shows how black text looks on a background with the CIELCh color 95, 64.651, 115.248.

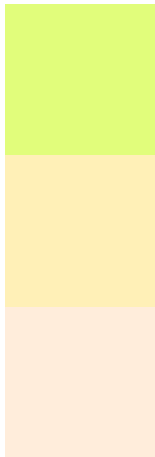


This preview shows how white text looks on a background with the CIELCh color 95, 64.651, 115.248.

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
95, 64.651, 115.248

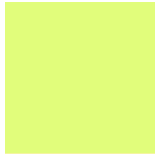
Protanopia
95, 29.625, 96.545

Deuteranopia
95, 11.361, 73.638

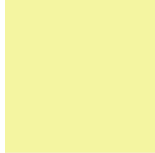


Tritanopia
95, 8.269, 295.594

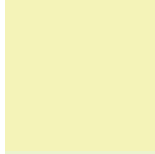
Trichromacy



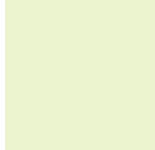
Original Color
95, 64.651, 115.248



Protanomaly
95, 42.322, 107.379

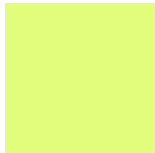


Deuteranomaly
95, 29.984, 107.078

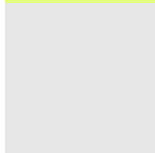


Tritanomaly
95, 19.192, 118.689

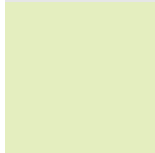
Monochromacy



Original Color
95, 64.651, 115.248



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 24.367, 117.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 64.651, 115.248 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(225, 253, 123)` looks like.

```
.text, #text, p{  
    color:rgb(225, 253, 123)  
}
```

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(225, 253, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 253, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 64.651, 115.248 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(225, 253, 123) }
```

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

```
.border{ border-color:rgb(225, 253, 123) }
```

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

Here you see how a box with a 4 pixel rgb(225, 253, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 253, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 253, 123);  
box-shadow:4px 4px 4px 4px rgb(225, 253,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 64.651, 115.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 253, 123) }
```

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

```
.background{ background-color: rgb(225,  
253, 123) }
```

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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