

Converting Colors

CIELCh(95, 72.975, 114.968)

Have a look what the booklet for
CIELCh(95, 72.975, 114.968)
contains.

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Color

CIELCh(95, 72.901, 114.875)

Conversions

Conversions Part 1

Format	Color
Hex	DEFE69
RGB	222, 254, 105
RGB Percent	87%, 100%, 41%
CMY	0.1285, 0.0030, 0.5874
CMYK	0.13, 0.00, 0.59, 0.00
HSL	73°, 99%, 70%
HSV	73°, 59%, 100%
XYZ	68.2703, 87.6183, 26.7371
YIQ	227.4460, 28.7570, -53.1230

Conversions

Conversions Part 2

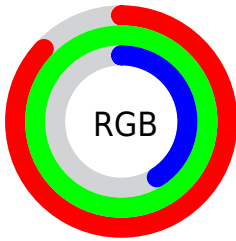
Format	Color
RYB	105, 254, 137
Decimal	14614121
CIELab	95.00, -30.67, 66.14
CIELCh	95, 72.901, 114.875
Yxy	87.6183, 0.3738, 0.4798
Android (android.graphics.Color)	4292804201 (0xFFDEFE69)
YUV	227.4460, -60.3659, -4.7761
Hunter-Lab	93.6047, -33.6197, 48.5877

Details

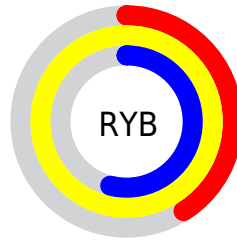
The CIELCh color **95, 72.901, 114.875** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **55, 84.993, 304.271**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 46.881, 106.594**, and **75, 72.867, 114.756** is the 20% darker color. If you saturate the color by 10%, you get **94, 82.817, 114.566**, and if you desaturate by 10%, it is **96, 61.691, 115.370**.

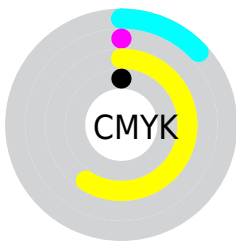
Distribution



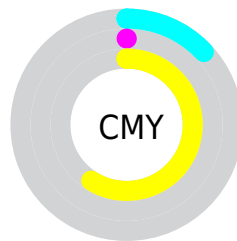
- Red (87%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 72.901, 114.875 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, 72.901, 114.875 by changing the saturation by 10% instead.


 95, 72.901,
114.875


 95, 72.901,
114.875


 100, 72.901,
114.875


 85, 72.901,
114.875

 75, 72.901,
114.875

 65, 72.901,
114.875

 55, 72.901,
114.875

 45, 72.901,
114.875

 35, 72.901,
114.875

 25, 72.901,

114.875

■ 15, 72.901,
114.875

■ 5, 72.901, 114.875

■ 95, 72.901,
114.875

■ 95, 72.901,
114.875

■ 94, 82.817,
114.566

■ 96, 61.691,
115.370

■ 94, 90.843,
114.531

■ 96, 49.647,
115.972

■ 94, 96.406,
114.868

■ 97, 37.093,
116.631

■ 93, 99.372,
115.618

■ 98, 24.242,
117.312

■ 93, 99.688,
115.736

■ 99, 11.238,
117.992

100, 0.484,
323.504

100, 0.486,
323.821

Harmonies

Complementary

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



95, 72.901, 114.875



55, 84.993, 304.271

Rectangle

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



95, 72.901, 114.875



95, 72.901, 164.875



95, 72.901, 294.875



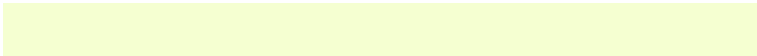
95, 72.901, 344.875

Sweetspot

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



95, 72.902, 114.877



98, 23.507, 117.353



69, 56.039, 40.445



52, 16.318, 117.155



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, 72.902, 114.877



95, 84.260, 114.542



91, 82.470, 132.730



53, 7.437, 117.931



72, 80.402, 115.536



25, 36.280, 114.460

Inverse Universe

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



55, 84.993, 304.271



47, 102.321, 305.633



62, 85.884, 318.086



49, 7.593, 299.226



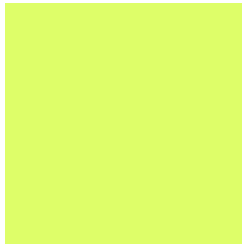
24, 105.985, 307.370



4, 44.587, 305.841

Previews

White Background



This preview shows how the CIE LCh color 95, 72.901, 114.875 looks on a white background.

Color Contrast Check

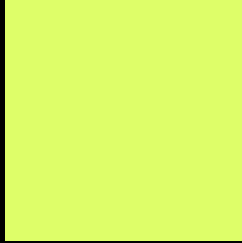
Large Text (above 18pt) WCAG AA × Fail

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, 72.901, 114.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

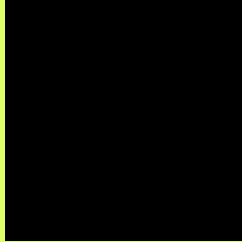
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

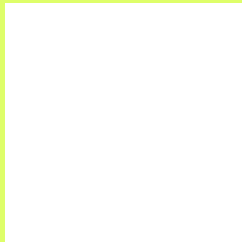
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 72.901, 114.875

Background



This preview shows how black text looks on a background with the CIELCh color 95, 72.901, 114.875.

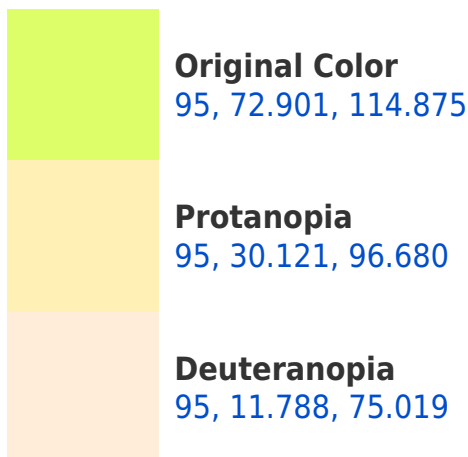



This preview shows how white text looks on a background with the CIELCh color 95, 72.901, 114.875.

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](#).

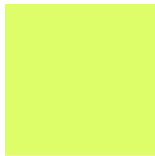
Dichromacy



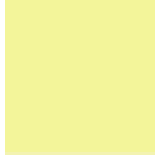


Tritanopia
95, 8.231, 290.823

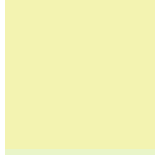
Trichromacy



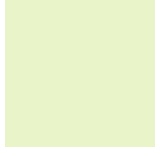
Original Color
95, 72.901, 114.875



Protanomaly
95, 45.728, 107.568

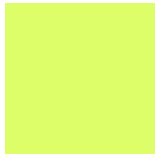


Deuteranomaly
94, 33.485, 107.532

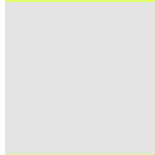


Tritanomaly
95, 22.887, 119.684

Monochromacy



Original Color
95, 72.901, 114.875



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 28.496, 117.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 72.901, 114.875 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(222, 254, 105)` looks like.

```
.text, #text, p{  
    color:rgb(222, 254, 105)  
}
```

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(222, 254, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 254, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 72.901, 114.875 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(222, 254, 105) }
```

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

```
.border{ border-color:rgb(222, 254, 105) }
```

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

Here you see how a box with a 4 pixel rgb(222, 254, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 254, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 254, 105);  
box-shadow:4px 4px 4px 4px rgb(222, 254,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 72.901, 114.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 254, 105) }
```

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

```
.background{ background-color: rgb(222,  
254, 105) }
```

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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