

Converting Colors

CIELCh(96, 74.030, 112.570)

Have a look what the booklet for
CIELCh(96, 74.030, 112.570)
contains.

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Color

CIELCh(96, 73.550, 112.214)

Conversions

Conversions Part 1

Format	Color
Hex	E8FF68
RGB	232, 255, 104
RGB Percent	91%, 100%, 41%
CMY	0.0916, 0.0000, 0.5937
CMYK	0.09, 0.00, 0.59, 0.00
HSL	69°, 100%, 70%
HSV	69°, 59%, 100%
XYZ	71.6019, 90.0078, 26.5907
YIQ	230.9090, 34.7630, -51.8370

Conversions

Conversions Part 2

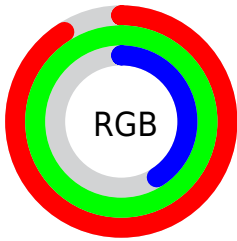
Format	Color
RYB	104, 255, 127
Decimal	15269736
CIELab	96.00, -27.81, 68.09
CIELCh	96, 73.550, 112.214
Yxy	90.0078, 0.3805, 0.4783
Android (android.graphics.Color)	4293459816 (0xFFE8FF68)
YUV	230.9090, -62.5661, 0.9568
Hunter-Lab	94.8724, -31.3097, 49.7930

Details

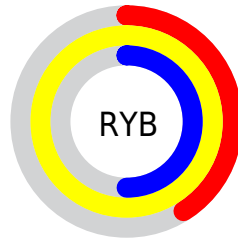
The CIELCh color **96, 73.550, 112.214** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **54, 86.483, 302.920**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **76, 72.868, 112.050** is the 20% darker color. If you saturate the color by 10%, you get **95, 82.936, 111.664**, and if you desaturate by 10%, it is **96, 62.242, 112.622**.

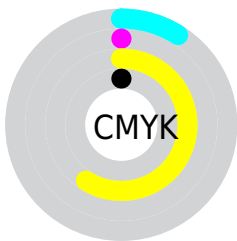
Distribution



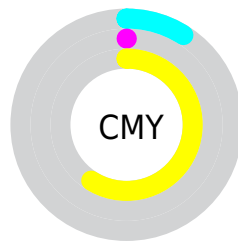
- Red (91%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (50%)



- Cyan (9%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 73.550, 112.214 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, 73.550, 112.214 by changing the saturation by 10% instead.


 96, 73.550,
112.214


 96, 73.550,
112.214


 100, 73.550,
112.214


 86, 73.550,
112.214

 76, 73.550,
112.214

 66, 73.550,
112.214

 56, 73.550,
112.214

 46, 73.550,
112.214

 36, 73.550,
112.214

 26, 73.550,

112.214

■ 16, 73.550,
112.214

■ 6, 73.550, 112.214

■ 96, 73.550,
112.214

■ 96, 73.550,
112.214

■ 95, 82.936,
111.664

■ 96, 62.242,
112.622

■ 95, 90.637,
111.526

■ 97, 50.335,
113.294

■ 95, 95.805,
111.723

■ 98, 37.887,
114.023

■ 94, 98.407,
112.275

■ 98, 25.120,
114.777

■ 94, 98.536,
112.314

■ 99, 12.181,
115.531

100, 0.012,
296.813

Harmonies

Complementary

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



96, 73.550, 112.214



54, 86.483, 302.920

Rectangle

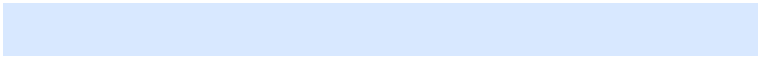
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 73.550, 112.214



96, 73.550, 162.214



96, 73.550, 292.214



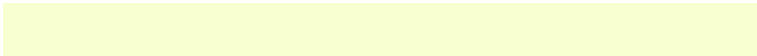
96, 73.550, 342.214

Sweetspot

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



96, 73.270, 112.057



98, 23.356, 114.880



67, 58.811, 36.768



52, 16.211, 114.660



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, 73.270, 112.057



95, 84.343, 111.622



92, 82.384, 131.280



53, 7.392, 115.521



73, 79.323, 112.160



25, 35.910, 111.369

Inverse Universe

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



54, 86.483, 302.920



46, 104.194, 304.604



61, 86.839, 316.570



49, 7.553, 296.971



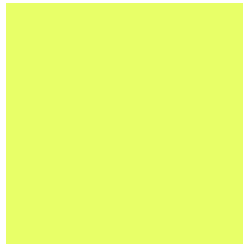
24, 106.730, 306.902



4, 44.469, 304.700

Previews

White Background



This preview shows how the CIE LCh color 96, 73.550, 112.214 looks on a white background.

Color Contrast Check

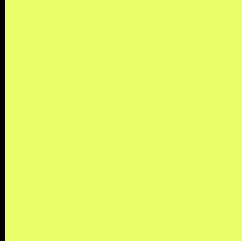
Large Text (above 18pt) WCAG AA × Fail

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, 73.550, 112.214 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, 73.550, 112.214

Background



This preview shows how black text looks on a background with the CIELCh color 96, 73.550, 112.214.

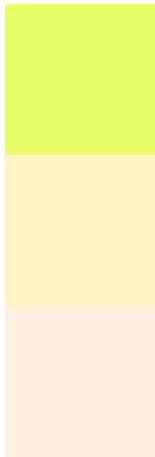


This preview shows how white text looks on a background with the CIELCh color 96, 73.550, 112.214.

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, 73.092, 111.972

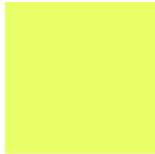
Protanopia
96, 24.364, 97.480

Deuteranopia
96, 9.841, 75.584



Tritanopia
96, 8.110, 308.150

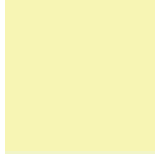
Trichromacy



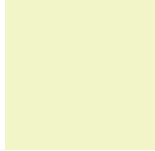
Original Color
96, 73.092, 111.972



Protanomaly
96, 42.752, 106.832



Deuteranomaly
95, 32.945, 106.248

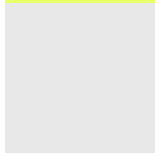


Tritanomaly
95, 22.958, 112.136

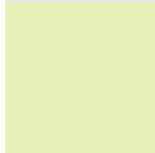
Monochromacy



Original Color
96, 73.092, 111.972



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 28.278, 114.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 73.550, 112.214 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(232, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 104)  
}
```

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(232, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 73.550, 112.214 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(232, 255, 104) }
```

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

```
.border{ border-color:rgb(232, 255, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 73.550, 112.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 104) }
```

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

```
.background{ background-color: rgb(232,  
255, 104) }
```

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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