

Converting Colors

CIELCh(99, 109.373, 136.119)

Have a look what the booklet for
CIELCh(99, 109.373, 136.119)
contains.

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Color

CIELCh(90, 95.105, 135.928)

Conversions

Conversions Part 1

Format	Color
Hex	71FF58
RGB	113, 255, 88
RGB Percent	44%, 100%, 35%
CMY	0.5569, 0.0000, 0.6554
CMYK	0.56, 0.00, 0.66, 0.00
HSL	111°, 100%, 67%
HSV	111°, 66%, 100%
XYZ	44.6093, 76.3034, 21.5797
YIQ	193.5040, -31.0250, -82.0410

Conversions

Conversions Part 2

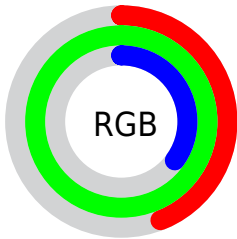
Format	Color
RYB	88, 255, 230
Decimal	7470936
CIELab	90.00, -68.33, 66.15
CIELCh	90, 95.105, 135.928
Yxy	76.3034, 0.3131, 0.5355
Android (android.graphics.Color)	4285661016 (0xFF71FF58)
YUV	193.5040, -52.0135, -70.6020
Hunter-Lab	87.3518, -61.7082, 46.4990

Details

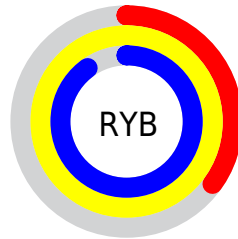
The CIELCh color **90, 95.105, 135.928** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **62, 95.443, 322.883**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 62.993, 133.862**, and **70, 94.628, 135.932** is the 20% darker color. If you saturate the color by 10%, you get **89, 105.044, 135.354**, and if you desaturate by 10%, it is **91, 82.318, 136.649**.

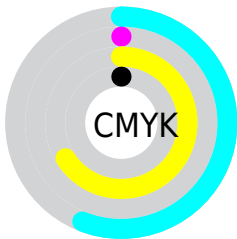
Distribution



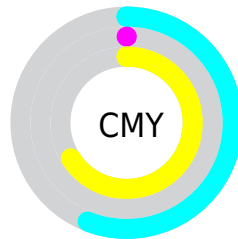
- Red (44%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (90%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 95.105, 135.928 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 90, 95.105, 135.928 by changing the saturation by 10% instead.


 90, 95.105,
135.928


 90, 95.105,
135.928

 100, 95.105,
135.928


 80, 95.105,
135.928

 70, 95.105,
135.928

 60, 95.105,
135.928


 50, 95.105,
135.928

 40, 95.105,
135.928


 30, 95.105,
135.928


 20, 95.105,


135.928


 10, 95.105,
135.928


 0, 95.105, 135.928

 90, 95.105,
135.928


 90, 95.105,
135.928


 89, 105.044,
135.354


 91, 82.318,
136.649


 88, 112.748,
135.083

 92, 68.583,
137.424

 88, 117.369,
135.201

 93, 53.981,
138.177

 88, 118.635,
135.314

 95, 38.900,
138.869

■ 97, 23.627,
139.488

■ 99, 8.375, 140.044

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.



90, 95.105, 135.928



62, 95.443, 322.883

Rectangle

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



90, 95.105, 135.928



90, 95.105, 185.928



90, 95.105, 315.928



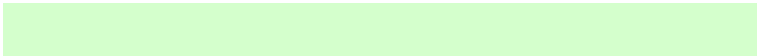
90, 95.105, 5.928

Sweetspot

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



90, 94.680, 135.921



96, 30.445, 139.221



90, 69.184, 94.665



51, 20.779, 139.046



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 94.680, 135.921



89, 108.039, 135.220



90, 77.965, 148.424



52, 8.617, 139.828



68, 95.394, 135.188



23, 42.638, 134.701

Inverse Universe

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



62, 95.443, 322.883



58, 108.064, 322.952



64, 77.500, 341.644



50, 8.656, 320.701



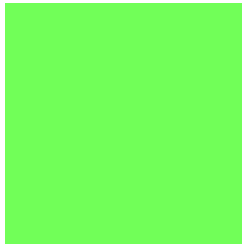
40, 94.229, 322.474



10, 43.257, 323.140

Previews

White Background



This preview shows how the CIE LCh color 90, 95.105, 135.928 looks on a white background.

Color Contrast Check

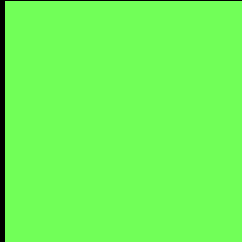
Large Text (above 18pt) WCAG AA × Fail

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 90, 95.105, 135.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

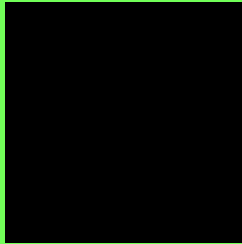
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

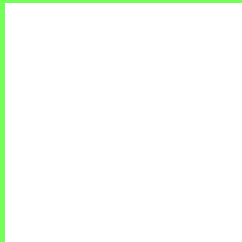
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 95.105, 135.928

Background



This preview shows how black text looks on a background with the CIELCh color 90, 95.105, 135.928.

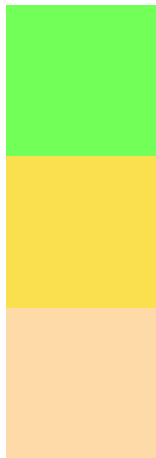


This preview shows how white text looks on a background with the CIELCh color 90, 95.105, 135.928.

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
90, 94.635, 135.936

Protanopia
89, 71.274, 95.301

Deuteranopia
89, 29.538, 78.113

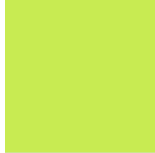


Tritanopia
89, 25.877, 219.370

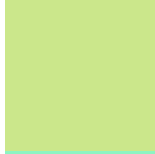
Trichromacy



Original Color
90, 94.635, 135.936



Protanomaly
88, 74.853, 115.299

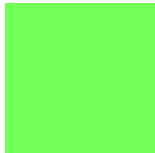


Deuteranomaly
88, 48.027, 119.672

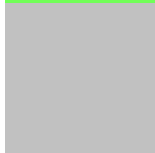


Tritanomaly
89, 43.644, 160.135

Monochromacy



Original Color
90, 94.635, 135.936



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 37.616, 138.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 95.105, 135.928 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(113, 255, 88)` looks like.

```
.text, #text, p{  
    color:rgb(113, 255, 88)  
}
```

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(113, 255, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 95.105, 135.928 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(113, 255, 88) }
```

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

```
.border{ border-color:rgb(113, 255, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 255, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 95.105, 135.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 88) }
```

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

```
.background{ background-color: rgb(113,  
255, 88) }
```

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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