

Converting Colors

CIELCh(90, 95.307, 131.910)

Have a look what the booklet for
CIELCh(90, 95.307, 131.910)
contains.

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Color

CIELCh(90, 95.441, 131.848)

Conversions

Conversions Part 1

Format	Color
Hex	84FE4B
RGB	132, 254, 75
RGB Percent	52%, 100%, 29%
CMY	0.4823, 0.0039, 0.7058
CMYK	0.48, 0.00, 0.70, 0.00
HSL	101°, 99%, 65%
HSV	101°, 70%, 100%
XYZ	46.2321, 76.3034, 18.9495
YIQ	197.1160, -15.2530, -81.5330

Conversions

Conversions Part 2

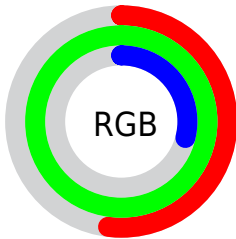
Format	Color
RYB	75, 254, 197
Decimal	8715851
CIELab	90.00, -63.67, 71.10
CIELCh	90, 95.441, 131.848
Yxy	76.3034, 0.3268, 0.5393
Android (android.graphics.Color)	4286905931 (0xFF84FE4B)
YUV	197.1160, -60.2032, -57.1067
Hunter-Lab	87.3518, -58.3922, 48.2843

Details

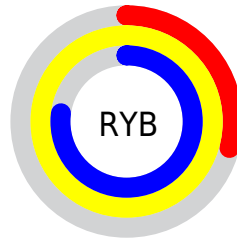
The CIELCh color **90, 95.441, 131.848** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **56, 100.245, 317.698**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 64.959, 127.117**, and **70, 93.775, 132.380** is the 20% darker color. If you saturate the color by 10%, you get **89, 104.598, 131.856**, and if you desaturate by 10%, it is **91, 84.225, 132.142**.

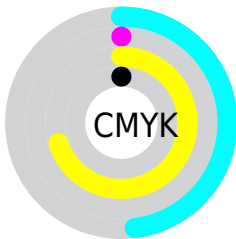
Distribution



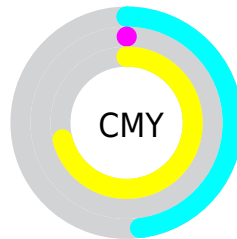
- Red (52%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (77%)



- Cyan (48%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 95.441, 131.848 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, 95.441, 131.848 by changing the saturation by 10% instead.


 90, 95.441,
131.848


 90, 95.441,
131.848


 100, 95.441,
131.848

 80, 95.441,
131.848


 70, 95.441,
131.848

 60, 95.441,
131.848


 50, 95.441,
131.848

 40, 95.441,
131.848


 30, 95.441,
131.848


 20, 95.441,


131.848


 10, 95.441,
131.848


 0, 95.441, 131.848


 90, 95.441,
131.848


 90, 95.441,
131.848


 89, 104.598,
131.856


 91, 84.225,
132.142

 89, 111.124,
132.285

 92, 71.573,
132.605

 88, 114.913,
133.057

 93, 58.000,
133.142

 95, 43.887,
133.691

■ 96, 29.506,
134.219

■ 98, 15.050,
134.709

■ 100, 0.659,
135.447

■ 100, 0.622,
323.966

Harmonies

Complementary

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



90, 95.441, 131.848



56, 100.245, 317.698

Rectangle

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



90, 95.441, 131.848



90, 95.441, 181.848



90, 95.441, 311.848



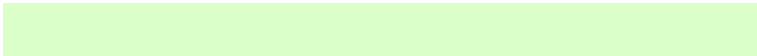
90, 95.441, 1.848

Sweetspot

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



90, 95.441, 131.849



96, 30.369, 134.191



82, 66.319, 81.293



51, 20.557, 134.048



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, 95.441, 131.849



89, 108.235, 131.993



89, 93.321, 142.043



52, 8.196, 134.754



68, 92.576, 132.834



23, 41.134, 131.670

Inverse Universe

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



56, 100.245, 317.698



51, 113.687, 317.480



63, 90.260, 334.014



49, 8.268, 315.532



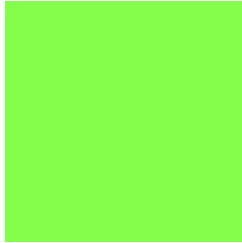
35, 96.798, 316.765



8, 44.217, 317.977

Previews

White Background



This preview shows how the CIELCh color 90, 95.441, 131.848 looks on a white background.

Color Contrast Check

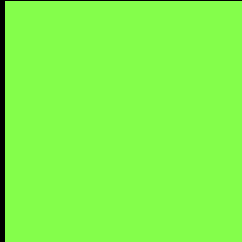
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 95.441, 131.848 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, 95.441, 131.848

Background



This preview shows how black text looks on a background with the CIELCh color 90, 95.441, 131.848.

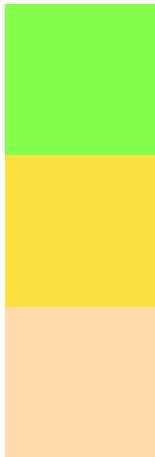


This preview shows how white text looks on a background with the CIELCh color 90, 95.441, 131.848.

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, 95.441, 131.848

Protanopia
89, 76.025, 95.137

Deuteranopia
89, 28.843, 78.379



Tritanopia
90, 23.667, 221.598

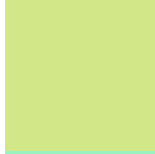
Trichromacy



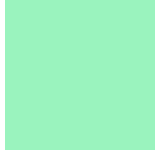
Original Color
90, 95.441, 131.848



Protanomaly
89, 78.926, 112.345

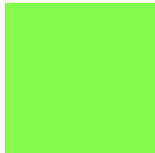


Deuteranomaly
89, 49.363, 116.430

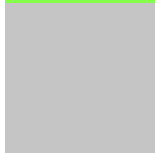


Tritanomaly
89, 41.580, 155.467

Monochromacy



Original Color
90, 95.441, 131.848



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 38.069, 134.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 95.441, 131.848 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(132, 254, 75)` looks like.

```
.text, #text, p{  
    color:rgb(132, 254, 75)  
}
```

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(132, 254, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 254, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 95.441, 131.848 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(132, 254, 75) }
```

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

```
.border{ border-color:rgb(132, 254, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 254, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 254, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 254, 75);  
box-shadow:4px 4px 4px 4px rgb(132, 254,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 95.441, 131.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 254, 75) }
```

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

```
.background{ background-color: rgb(132,  
254, 75) }
```

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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