

Converting Colors

CIELCh(100, 104.506, 135.251)

Have a look what the booklet for
CIELCh(100, 104.506, 135.251)
contains.

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Color

CIELCh(90, 88.861, 134.724)

Conversions

Conversions Part 1

Format	Color
Hex	82FE60
RGB	130, 254, 96
RGB Percent	51%, 100%, 38%
CMY	0.4913, 0.0048, 0.6241
CMYK	0.49, 0.00, 0.62, 0.00
HSL	107°, 98%, 69%
HSV	107°, 62%, 100%
XYZ	46.6365, 76.3034, 23.2974
YIQ	198.9120, -23.1860, -75.4260

Conversions

Conversions Part 2

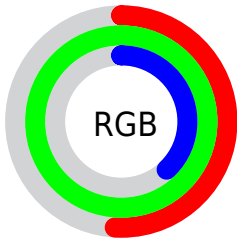
Format	Color
RYB	96, 254, 220
Decimal	8584800
CIELab	90.00, -62.53, 63.14
CIELCh	90, 88.861, 134.724
Yxy	76.3034, 0.3189, 0.5218
Android (android.graphics.Color)	4286774880 (0xFF82FE60)
YUV	198.9120, -50.7356, -60.4358
Hunter-Lab	87.3518, -57.5658, 45.3331

Details

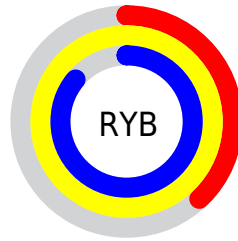
The CIELCh color **90, 88.861, 134.724** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **62, 90.857, 320.810**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 57.049, 131.269**, and **70, 88.718, 134.770** is the 20% darker color. If you saturate the color by 10%, you get **89, 99.909, 134.257**, and if you desaturate by 10%, it is **91, 76.149, 135.341**.

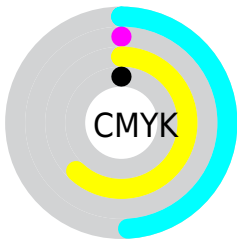
Distribution



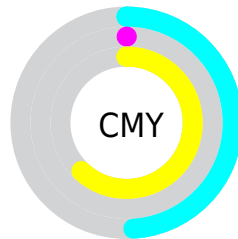
- Red (51%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (86%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 88.861, 134.724 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, 88.861, 134.724 by changing the saturation by 10% instead.

 90, 88.861,
134.724

 90, 88.861,
134.724

 100, 88.861,
134.724

 80, 88.861,
134.724


 70, 88.861,
134.724

 60, 88.861,
134.724


 50, 88.861,
134.724

 40, 88.861,
134.724

 30, 88.861,
134.724

 20, 88.861,


134.724


 10, 88.861,
134.724


 0, 88.861, 134.724


 90, 88.861,
134.724


 90, 88.861,
134.724


 89, 99.909,
134.257


 91, 76.149,
135.341


 88, 108.635,
134.070

 92, 62.337,
136.007

 88, 114.497,
134.279

 94, 47.863,
136.659

 88, 117.186,
134.663

 95, 33.050,
137.266

■ 97, 18.133,
137.814

■ 99, 3.283, 138.352

100, 0.770,
324.067

Harmonies

Complementary

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



90, 88.861, 134.724



62, 90.857, 320.810

Rectangle

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



90, 88.861, 134.724



90, 88.861, 184.724



90, 88.861, 314.724



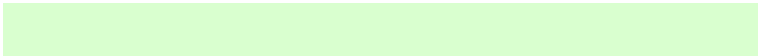
90, 88.861, 4.724

Sweetspot

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



90, 88.862, 134.725



96, 28.340, 137.449



88, 63.534, 91.658



51, 19.514, 137.287



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, 88.862, 134.725



89, 102.977, 134.171



89, 77.386, 147.099



52, 8.449, 137.954



68, 94.529, 134.498



23, 42.126, 133.726

Inverse Universe

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



62, 90.857, 320.810



57, 104.925, 320.904



65, 76.722, 338.664



50, 8.499, 318.776



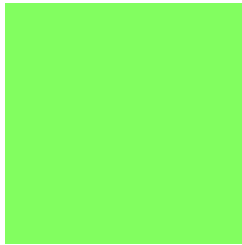
38, 95.070, 320.180



9, 43.571, 321.086

Previews

White Background



This preview shows how the CIE LCh color 90, 88.861, 134.724 looks on a white background.

Color Contrast Check

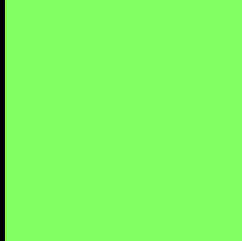
Large Text (above 18pt) WCAG AA × Fail

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, 88.861, 134.724 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

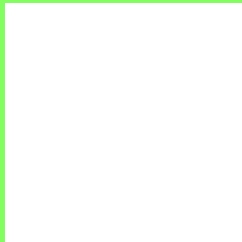
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 88.861, 134.724

Background



This preview shows how black text looks on a background with the CIELCh color 90, 88.861, 134.724.

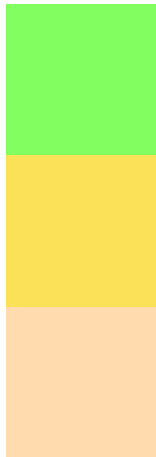


This preview shows how white text looks on a background with the CIELCh color 90, 88.861, 134.724.

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, 88.875, 134.711

Protanopia
89, 68.143, 95.212

Deuteranopia
89, 27.931, 77.484

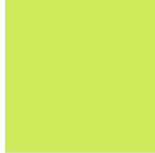


Tritanopia
90, 23.915, 221.326

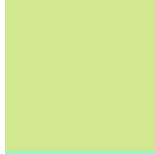
Trichromacy



Original Color
90, 88.875, 134.711



Protanomaly
89, 70.845, 113.851

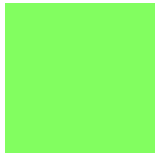


Deuteranomaly
89, 45.163, 118.149

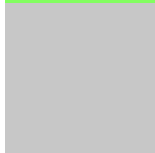


Tritanomaly
89, 39.495, 159.689

Monochromacy



Original Color
90, 88.875, 134.711



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 34.832, 136.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 88.861, 134.724 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(130, 254, 96)` looks like.

```
.text, #text, p{  
    color:rgb(130, 254, 96)  
}
```

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(130, 254, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 254, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 88.861, 134.724 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(130, 254, 96) }
```

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

```
.border{ border-color:rgb(130, 254, 96) }
```

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

Here you see how a box with a 4 pixel rgb(130, 254, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 254, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 254, 96);  
box-shadow:4px 4px 4px 4px rgb(130, 254,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 88.861, 134.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 254, 96) }
```

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

```
.background{ background-color: rgb(130,  
254, 96) }
```

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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