

Converting Colors

CIELCh(85, 90.829, 134.920)

Have a look what the booklet for
CIELCh(85, 90.829, 134.920)
contains.

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Color

CIELCh(85, 90.875, 134.963)

Conversions

Conversions Part 1

Format	Color
Hex	6EF04F
RGB	110, 240, 79
RGB Percent	43%, 94%, 31%
CMY	0.5698, 0.0599, 0.6913
CMYK	0.54, 0.00, 0.67, 0.06
HSL	108°, 84%, 62%
HSV	108°, 67%, 94%
XYZ	38.8687, 66.0070, 18.0355
YIQ	182.7760, -25.7990, -77.6310

Conversions

Conversions Part 2

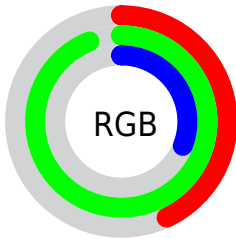
Format	Color
RYB	79, 240, 209
Decimal	7270479
CIELab	85.00, -64.22, 64.30
CIELCh	85, 90.875, 134.963
Yxy	66.0070, 0.3162, 0.5370
Android (android.graphics.Color)	4285460559 (0xFF6EF04F)
YUV	182.7760, -51.1616, -63.8246
Hunter-Lab	81.2447, -56.7812, 43.7095

Details

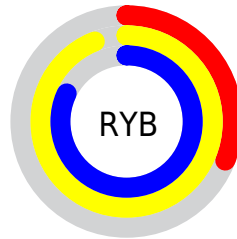
The CIELCh color **85, 90.875, 134.963** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **57, 92.371, 321.575**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 67.441, 133.080**, and **65, 90.986, 134.994** is the 20% darker color. If you saturate the color by 10%, you get **84, 100.454, 134.552**, and if you desaturate by 10%, it is **86, 79.385, 135.573**.

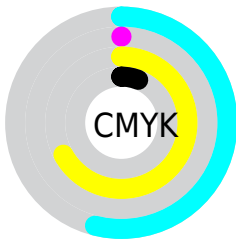
Distribution



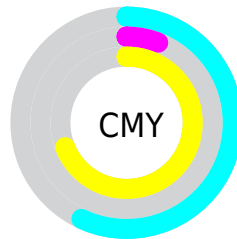
- Red (43%)
- Green (94%)
- Blue (31%)



- Red (31%)
- Yellow (94%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (67%)
- Black (6%)





- Cyan (57%)
- Magenta (6%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 90.875, 134.963 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 85, 90.875, 134.963 by changing the saturation by 10% instead.


 85, 90.875,
134.963


 85, 90.875,
134.963


 100, 90.875,
134.963


 75, 90.875,
134.963

 65, 90.875,
134.963

 55, 90.875,
134.963

 45, 90.875,
134.963

 35, 90.875,
134.963

 25, 90.875,
134.963

 15, 90.875,

134.963

■ 5, 90.875, 134.963

■ 0, 90.875, 134.963

■ 85, 90.875,
134.963

■ 85, 90.875,
134.963

■ 84, 100.454,
134.552

■ 86, 79.385,
135.573

■ 84, 107.510,
134.471

■ 87, 66.579,
136.262

■ 83, 111.716,
134.789


■ 88, 52.936,
136.955

■ 83, 112.572,
134.888

■ 90, 38.820,
137.608

■ 91, 24.500,

138.200

 93, 10.173,
138.734

 95, 4.022, 319.102

 96, 9.527, 324.740

Harmonies

Complementary

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



85, 90.875, 134.963



57, 92.371, 321.575

Rectangle

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



85, 90.875, 134.963



85, 90.875, 184.963



85, 90.875, 314.963



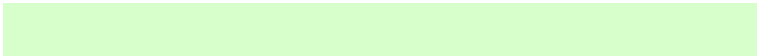
85, 90.875, 4.963

Sweetspot

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



85, 90.875, 134.964



96, 30.044, 138.035



84, 65.622, 92.219



51, 20.506, 137.869



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 90.875, 134.964



89, 108.655, 134.472



85, 77.756, 146.941



49, 8.085, 138.614



65, 91.988, 134.738



20, 38.114, 134.769

Inverse Universe

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



57, 92.371, 321.575



56, 109.703, 321.552



60, 76.599, 340.035



47, 8.129, 319.445



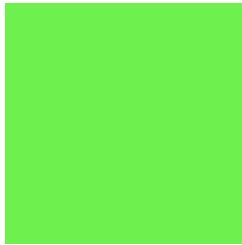
37, 91.915, 320.977



8, 39.961, 321.924

Previews

White Background



This preview shows how the CIELCh color 85, 90.875, 134.963 looks on a white background.

Color Contrast Check

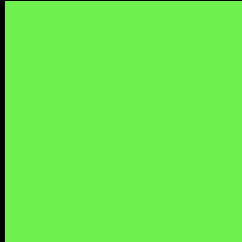
Large Text (above 18pt) WCAG AA × Fail

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 85, 90.875, 134.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

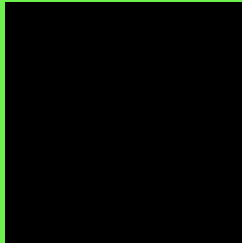
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

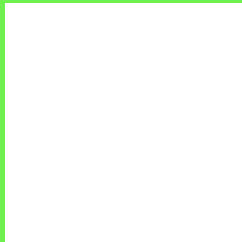
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 90.875, 134.963

Background



This preview shows how black text looks on a background with the CIELCh color 85, 90.875, 134.963.

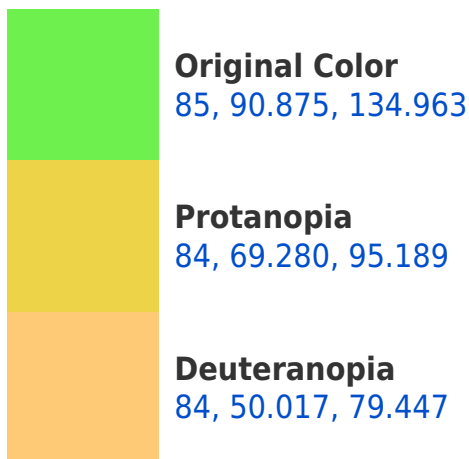



This preview shows how white text looks on a background with the CIELCh color 85, 90.875, 134.963.

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
85, 26.376, 219.110

Trichromacy



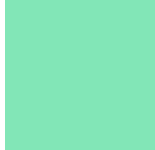
Original Color
85, 90.875, 134.963



Protanomaly
84, 72.264, 114.445



Deuteranomaly
83, 57.215, 111.074

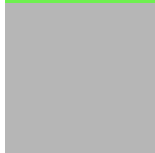


Tritanomaly
84, 42.222, 160.815

Monochromacy



Original Color
85, 90.875, 134.963



Achromatopsia
74, 0.009, 296.813



Achromatomaly
77, 36.163, 137.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 90.875, 134.963 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(110, 240, 79)` looks like.

```
.text, #text, p{  
    color:rgb(110, 240, 79)  
}
```

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(110, 240, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 240, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 90.875, 134.963 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(110, 240, 79) }
```

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

```
.border{ border-color:rgb(110, 240, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 240, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 240, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 240, 79);  
box-shadow:4px 4px 4px 4px rgb(110, 240,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 90.875, 134.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 240, 79) }
```

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

```
.background{ background-color: rgb(110,  
240, 79) }
```

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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