

Converting Colors

CIELCh(85, 96.153, 133.913)

Have a look what the booklet for
CIELCh(85, 96.153, 133.913)
contains.

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Color

CIELCh(85, 96.331, 133.967)

Conversions

Conversions Part 1

Format	Color
Hex	69F141
RGB	105, 241, 65
RGB Percent	41%, 95%, 25%
CMY	0.5901, 0.0566, 0.7469
CMYK	0.57, 0.00, 0.73, 0.06
HSL	106°, 86%, 60%
HSV	106°, 73%, 94%
XYZ	38.0388, 66.0070, 15.6679
YIQ	180.2720, -24.5600, -83.5680

Conversions

Conversions Part 2

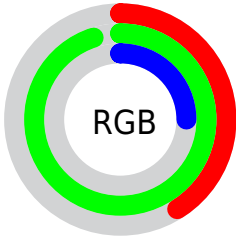
Format	Color
RYB	65, 241, 201
Decimal	6943041
CIELab	85.00, -66.88, 69.33
CIELCh	85, 96.331, 133.967
Yxy	66.0070, 0.3177, 0.5514
Android (android.graphics.Color)	4285133121 (0xFF69F141)
YUV	180.2720, -56.8291, -66.0135
Hunter-Lab	81.2447, -58.6046, 45.4373

Details

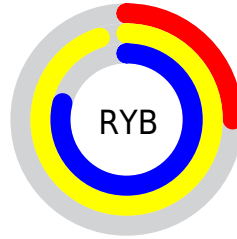
The CIELCh color **85, 96.331, 133.967** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **54, 98.560, 320.515**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 73.014, 131.875**, and **65, 92.976, 135.418** is the 20% darker color. If you saturate the color by 10%, you get **84, 104.519, 133.842**, and if you desaturate by 10%, it is **86, 85.903, 134.388**.

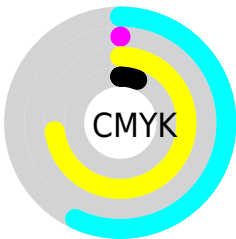
Distribution



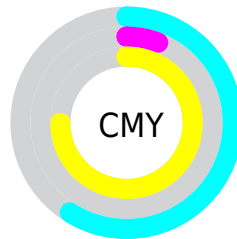
- Red (41%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (73%)
- Black (6%)





- Cyan (59%)
- Magenta (6%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 96.331, 133.967 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, 96.331, 133.967 by changing the saturation by 10% instead.


 85, 96.331,
133.967


 85, 96.331,
133.967


 100, 96.331,
133.967


 75, 96.331,
133.967

 65, 96.331,
133.967

 55, 96.331,
133.967

 45, 96.331,
133.967

 35, 96.331,
133.967

 25, 96.331,
133.967

 15, 96.331,

133.967

■ 5, 96.331, 133.967

■ 0, 96.331, 133.967

■ 85, 96.331,
133.967

■ 85, 96.331,
133.967

■ 84, 104.519,
133.842

■ 86, 85.903,
134.388

■ 84, 109.968,
134.120

■ 87, 73.857,
134.971


■ 84, 112.272,
134.478

■ 88, 60.738,
135.614

■ 89, 46.967,
136.252

■ 91, 32.855,

136.851

 93, 18.628,
137.394

 94, 4.451, 137.910

 96, 8.666, 321.406

 96, 8.991, 324.720

Harmonies

Complementary

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



85, 96.331, 133.967



54, 98.560, 320.515

Rectangle

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



85, 96.331, 133.967



85, 96.331, 183.967



85, 96.331, 313.967



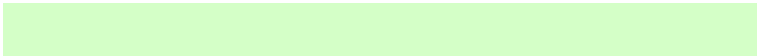
85, 96.331, 3.967

Sweetspot

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



85, 96.331, 133.968



96, 32.704, 136.913



82, 69.060, 88.969



51, 21.977, 136.757



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, 96.331, 133.968



89, 112.513, 133.930



84, 85.640, 144.749



49, 8.000, 137.582



65, 91.471, 134.304



20, 37.832, 134.164

Inverse Universe

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



54, 98.560, 320.515



53, 114.289, 320.233



58, 82.739, 338.990



47, 8.050, 318.391



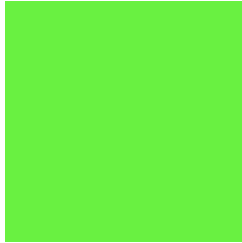
36, 92.396, 319.770



7, 40.047, 320.822

Previews

White Background



This preview shows how the CIE LCh color 85, 96.331, 133.967 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, 96.331, 133.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

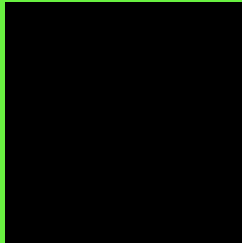
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

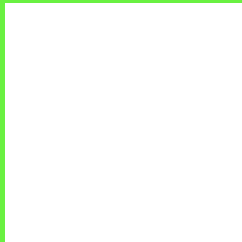
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 96.331, 133.967

Background



This preview shows how black text looks on a background with the CIELCh color 85, 96.331, 133.967.



This preview shows how white text looks on a background with the CIELCh color 85, 96.331, 133.967.

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
85, 96.331, 133.967

Protanopia
84, 74.149, 95.319

Deuteranopia
84, 51.367, 79.994

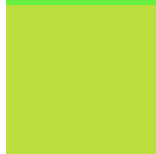


Tritanopia
85, 27.183, 219.624

Trichromacy



Original Color
85, 96.331, 133.967



Protanomaly
84, 77.682, 114.283



Deuteranomaly
83, 60.412, 111.313

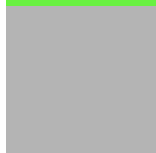


Tritanomaly
84, 44.900, 159.000

Monochromacy



Original Color
85, 96.331, 133.967



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 38.865, 136.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 96.331, 133.967 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(105, 241, 65)` looks like.

```
.text, #text, p{  
    color:rgb(105, 241, 65)  
}
```

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(105, 241, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 241, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 96.331, 133.967 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(105, 241, 65) }
```

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

```
.border{ border-color:rgb(105, 241, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 241, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 241, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 241, 65);  
box-shadow:4px 4px 4px 4px rgb(105, 241,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 96.331, 133.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 241, 65) }
```

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

```
.background{ background-color: rgb(105,  
241, 65) }
```

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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