

Converting Colors

CIELCh(85, 115.198, 136.348)

Have a look what the booklet for
CIELCh(85, 115.198, 136.348)
contains.

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Color

CIELCh(85, 115.215, 136.345)

Conversions

Conversions Part 1

Format	Color
Hex	08F611
RGB	8, 246, 17
RGB Percent	3%, 96%, 7%
CMY	0.9685, 0.0353, 0.9332
CMYK	0.97, 0.00, 0.93, 0.04
HSL	122°, 94%, 50%
HSV	122°, 97%, 96%
XYZ	33.1591, 66.0070, 11.5236
YIQ	148.7320, -68.3390, -121.6750

Conversions

Conversions Part 2

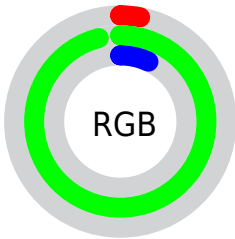
Format	Color
R_{YB}	8, 237, 246
Decimal	587281
CIE _{Lab}	85.00, -83.36, 79.53
CIE _{LCh}	85, 115.215, 136.345
Yxy	66.0070, 0.2996, 0.5963
Android (android.graphics.Color)	4278777361 (0xFF08F611)
YUV	148.7320, -64.9439, -123.4220
Hunter-Lab	81.2447, -69.3254, 48.4617

Details

The CIELCh color **85, 115.215, 136.345** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **58, 108.674, 329.759**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.552, 136.249**, and **66, 95.251, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **85, 115.958, 136.230**, and if you desaturate by 10%, it is **85, 111.168, 137.044**.

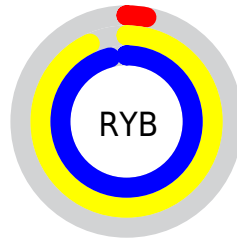
Distribution



Red (3%)

Green (96%)

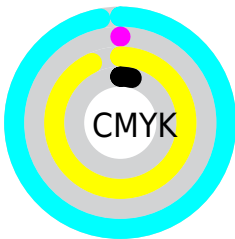
Blue (7%)



Red (3%)

Yellow (93%)

Blue (96%)

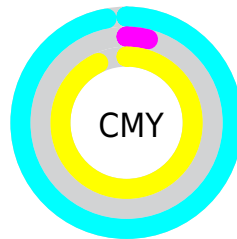


Cyan (97%)

Magenta (0%)

Yellow (93%)

Black (4%)



Cyan (97%)


Magenta (4%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 115.215, 136.345 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, 115.215, 136.345 by changing the saturation by 10% instead.


 85, 115.215,
136.345


 85, 115.215,
136.345


 100, 115.215,
136.345


 75, 115.215,
136.345


 65, 115.215,
136.345

 55, 115.215,
136.345

 45, 115.215,
136.345

 35, 115.215,
136.345

 25, 115.215,
136.345

 15, 115.215,

136.345

■ 5, 115.215,
136.345

■ 0, 115.215,
136.345

■ 85, 115.215,
136.345

■ 85, 115.215,
136.345

■ 85, 115.958,
136.230

■ 85, 111.168,
137.044

■ 86, 104.166,
138.057

■ 86, 94.542,
139.245

■ 87, 82.835,
140.470

■ 88, 69.601,
141.635

■ 90, 55.333,
142.688

■ 91, 40.451,
143.612

■ 93, 25.291,
144.409

■ 95, 10.118,
145.102

Harmonies

Complementary

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



85, 115.215, 136.345



58, 108.674, 329.759

Rectangle

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



85, 115.215, 136.345



85, 115.215, 186.345



85, 115.215, 316.345



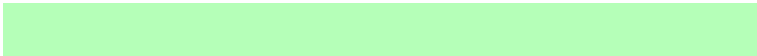
85, 115.215, 6.345

Sweetspot

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



85, 115.214, 136.346



94, 45.152, 143.409



94, 93.820, 104.936



49, 30.928, 143.017



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, 115.214, 136.346



88, 119.182, 136.221



86, 82.846, 151.178



50, 8.523, 144.918



66, 93.857, 136.319



20, 40.317, 138.082

Inverse Universe

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



58, 108.674, 329.759



60, 112.127, 329.827



53, 81.697, 4.626



48, 8.536, 325.977



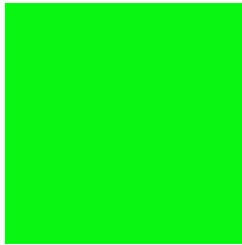
44, 88.563, 329.795



11, 39.531, 329.581

Previews

White Background



This preview shows how the CIELCh color 85, 115.215, 136.345 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, 115.215, 136.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

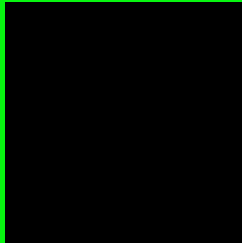
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 115.215, 136.345

Background



This preview shows how black text looks on a background with the CIELCh color 85, 115.215, 136.345.

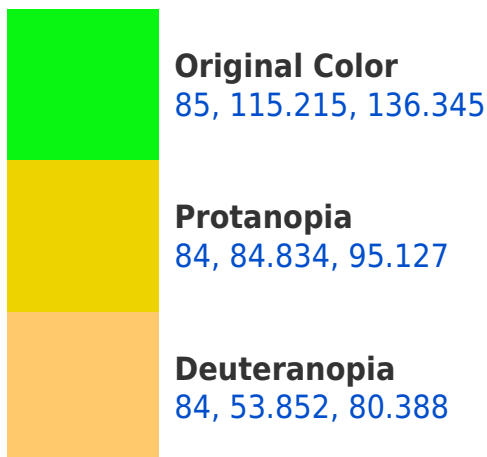


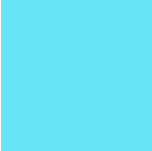
This preview shows how white text looks on a background with the CIELCh color 85, 115.215, 136.345.

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](#).

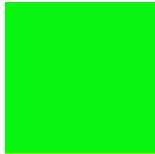
Dichromacy





Tritanopia
85, 35.523, 212.898

Trichromacy



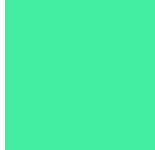
Original Color
85, 115.215, 136.345



Protanomaly
82, 92.660, 120.789

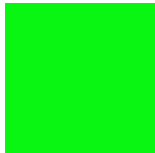


Deuteranomaly
81, 72.612, 121.252



Tritanomaly
84, 63.008, 158.658

Monochromacy



Original Color
85, 115.215, 136.345



Achromatopsia
62, 0.008, 296.813



Achromatomaly
68, 55.153, 141.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 115.215, 136.345 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(8, 246, 17)` looks like.

```
.text, #text, p{  
    color:rgb(8, 246, 17)  
}
```

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(8, 246, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 246, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 115.215, 136.345 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(8, 246, 17) }
```

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

```
.border{ border-color:rgb(8, 246, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 246, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 246, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 246, 17);  
box-shadow:4px 4px 4px 4px rgb(8, 246, 17)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 85, 115.215, 136.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 246, 17) }
```

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

```
.background{ background-color: rgb(8, 246,  
17) }
```

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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