

Converting Colors

CIELCh(85, 59.492, 150.226)

Have a look what the booklet for
CIELCh(85, 59.492, 150.226)
contains.

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Color

CIELCh(85, 59.611, 150.196)

Conversions

Conversions Part 1

Format	Color
Hex	73EC9A
RGB	115, 236, 154
RGB Percent	45%, 93%, 60%
CMY	0.5488, 0.0743, 0.3959
CMYK	0.51, 0.00, 0.35, 0.07
HSL	139°, 76%, 69%
HSV	139°, 51%, 93%
XYZ	42.9267, 66.0070, 41.0730
YIQ	190.4730, -45.7940, -51.1540

Conversions

Conversions Part 2

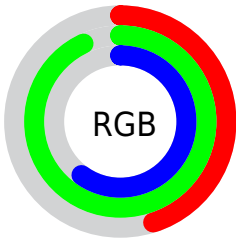
Format	Color
RYB	115, 207, 236
Decimal	7597210
CIELab	85.00, -51.73, 29.63
CIElCh	85, 59.611, 150.196
Yxy	66.0070, 0.2862, 0.4400
Android (android.graphics.Color)	4285787290 (0xFF73EC9A)
YUV	190.4730, -17.9812, -66.1898
Hunter-Lab	81.2447, -47.8655, 26.8974

Details

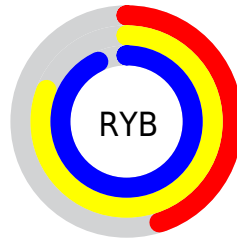
The CIELCh color **85, 59.611, 150.196** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65, 60.212, 339.408**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.828, 157.275**, and **65, 59.538, 150.200** is the 20% darker color. If you saturate the color by 10%, you get **84, 69.848, 148.732**, and if you desaturate by 10%, it is **86, 48.626, 151.474**.

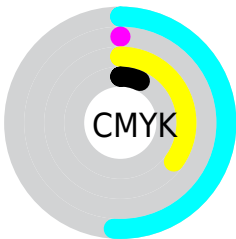
Distribution



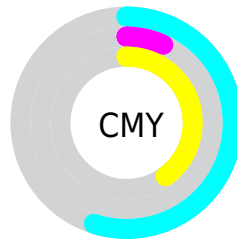
- Red (45%)
- Green (93%)
- Blue (60%)



- Red (45%)
- Yellow (81%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)





- Cyan (55%)
- Magenta (7%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 59.611, 150.196 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, 59.611, 150.196 by changing the saturation by 10% instead.


 85, 59.611,
150.196


 85, 59.611,
150.196


 100, 59.611,
150.196


 75, 59.611,
150.196

 65, 59.611,
150.196

 55, 59.611,
150.196

 45, 59.611,
150.196

 35, 59.611,
150.196


 25, 59.611,
150.196


 15, 59.611,


150.196

 5, 59.611, 150.196


 0, 59.611, 150.196


 85, 59.611,
150.196


 85, 59.611,
150.196


 84, 69.848,
148.732


 86, 48.626,
151.474


 83, 79.120,
147.075

 88, 37.118,
152.586

 83, 87.256,
145.234

 89, 25.303,
153.554

 82, 94.150,
143.251

 91, 13.372,
154.408

 82, 99.200,

 93, 1.479, 155.379

141.508

■ 95, 9.841, 333.229

■ 95, 11.817,
324.826

Harmonies

Complementary

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



85, 59.611, 150.196



65, 60.212, 339.408

Rectangle

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



85, 59.611, 150.196



85, 59.611, 200.196



85, 59.611, 330.196



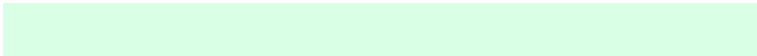
85, 59.611, 20.196

Sweetspot

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



85, 59.612, 150.196



97, 18.992, 154.094



89, 62.116, 119.616



51, 12.963, 153.914



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, 59.612, 150.196



90, 75.082, 148.575



86, 39.312, 179.492



48, 6.708, 154.552



64, 80.636, 141.878



19, 31.807, 145.561

Inverse Universe

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



65, 60.212, 339.408



65, 74.937, 340.615



63, 49.822, 11.843



46, 6.746, 335.830



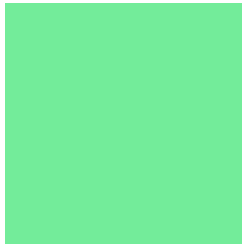
40, 70.421, 346.524



8, 31.075, 343.065

Previews

White Background



This preview shows how the CIELCh color 85, 59.611, 150.196 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, 59.611, 150.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

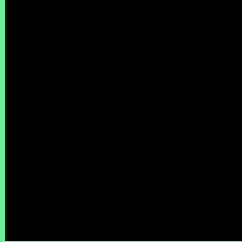
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 59.611, 150.196

Background



This preview shows how black text looks on a background with the CIELCh color 85, 59.611, 150.196.

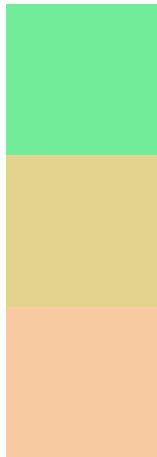


This preview shows how white text looks on a background with the CIELCh color 85, 59.611, 150.196.

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, 59.611, 150.196

Protanopia

85, 36.018, 95.991

Deuteranopia

84, 28.290, 67.416

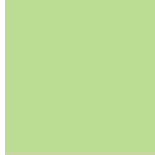


Tritanopia
85, 27.539, 218.093

Trichromacy



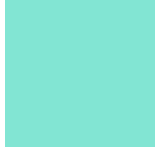
Original Color
85, 59.611, 150.196



Protanomaly
84, 39.912, 125.773



Deuteranomaly
83, 29.185, 118.478



Tritanomaly
85, 33.329, 180.532

Monochromacy



Original Color
85, 59.611, 150.196



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 22.421, 154.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 59.611, 150.196 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(115, 236, 154)` looks like.

```
.text, #text, p{  
    color:rgb(115, 236, 154)  
}
```

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(115, 236, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 236, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 59.611, 150.196 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(115, 236, 154) }
```

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

```
.border{ border-color:rgb(115, 236, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 236, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 236, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 236, 154);  
box-shadow:4px 4px 4px 4px rgb(115, 236,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 59.611, 150.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 236, 154) }
```

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

```
.background{ background-color: rgb(115,  
236, 154) }
```

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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