

Converting Colors

CIELCh(85, 53.365, 140.943)

Have a look what the booklet for
CIELCh(85, 53.365, 140.943)
contains.

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Color

CIELCh(85, 53.396, 140.920)

Conversions

Conversions Part 1

Format	Color
Hex	96E893
RGB	150, 232, 147
RGB Percent	59%, 91%, 58%
CMY	0.4134, 0.0919, 0.4251
CMYK	0.35, 0.00, 0.37, 0.09
HSL	118°, 64%, 74%
HSV	118°, 37%, 91%
XYZ	46.4698, 66.0070, 37.7298
YIQ	197.7920, -21.5870, -43.8190

Conversions

Conversions Part 2

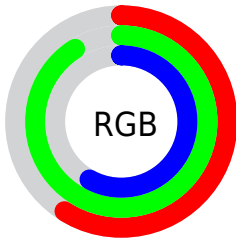
Format	Color
RYB	147, 232, 229
Decimal	9889939
CIELab	85.00, -41.45, 33.66
CIElCh	85, 53.396, 140.920
Yxy	66.0070, 0.3094, 0.4394
Android (android.graphics.Color)	4288080019 (0xFF96E893)
YUV	197.7920, -25.0405, -41.9136
Hunter-Lab	81.2447, -40.0810, 29.3372

Details

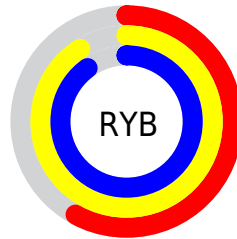
The CIELCh color **85, 53.396, 140.920** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 53.459, 325.396**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 32.215, 140.686**, and **65, 53.650, 140.844** is the 20% darker color. If you saturate the color by 10%, you get **84, 67.203, 139.965**, and if you desaturate by 10%, it is **87, 39.010, 141.772**.

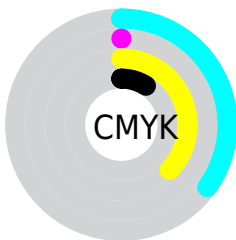
Distribution



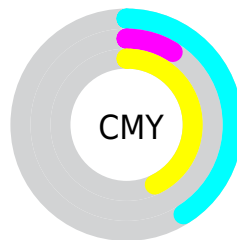
- Red (59%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)





- Cyan (41%)
- Magenta (9%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 53.396, 140.920 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, 53.396, 140.920 by changing the saturation by 10% instead.


 85, 53.396,
140.920


 85, 53.396,
140.920


 100, 53.396,
140.920


 75, 53.396,
140.920

 65, 53.396,
140.920

 55, 53.396,
140.920

 45, 53.396,
140.920

 35, 53.396,
140.920


 25, 53.396,
140.920


 15, 53.396,


140.920


 5, 53.396, 140.920


 0, 53.396, 140.920


 85, 53.396,
140.920


 85, 53.396,
140.920


 84, 67.203,
139.965


 87, 39.010,
141.772

 83, 80.010,
138.936


 88, 24.366,
142.515


 82, 91.303,
137.903

 90, 9.712, 143.164


 81, 100.484,
136.979


 93, 4.772, 323.613

 94, 14.634,
324.929

 81, 106.970,

136.310

 81, 110.470,
135.997

 80, 111.189,
135.906

Harmonies

Complementary

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



85, 53.396, 140.920



72, 53.459, 325.396

Rectangle

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



85, 53.396, 140.920



85, 53.396, 190.920



85, 53.396, 320.920



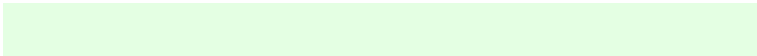
85, 53.396, 10.920

Sweetspot

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



85, 53.397, 140.920



97, 17.314, 142.889



89, 41.243, 104.371



52, 11.643, 142.801



0, 0.000, 0.000



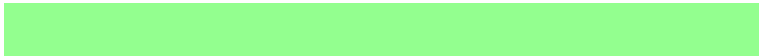
53, 0.007, 296.813

Same Dimension

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



85, 53.397, 140.920



92, 68.711, 140.209



86, 38.621, 157.581



47, 8.199, 142.991



63, 91.459, 135.864



17, 36.444, 138.228

Inverse Universe

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



72, 53.459, 325.396



74, 68.689, 325.746



71, 39.934, 344.418



45, 8.216, 323.982



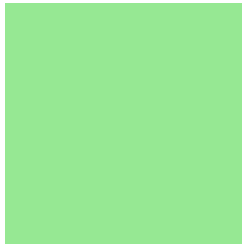
41, 88.577, 326.856



8, 37.159, 327.067

Previews

White Background



This preview shows how the CIE LCh color 85, 53.396, 140.920 looks on a white background.

Color Contrast Check

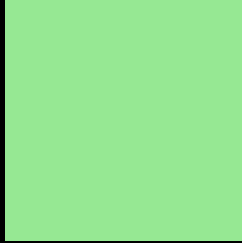
Large Text (above 18pt) WCAG AA × Fail

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, 53.396, 140.920 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, 53.396, 140.920

Background



This preview shows how black text looks on a background with the CIELCh color 85, 53.396, 140.920.

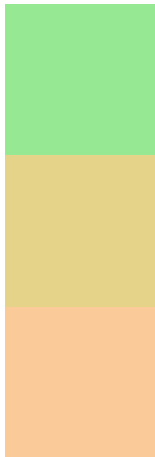


This preview shows how white text looks on a background with the CIELCh color 85, 53.396, 140.920.

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, 53.396, 140.920

Protanopia
85, 38.590, 95.828

Deuteranopia
84, 32.663, 71.059

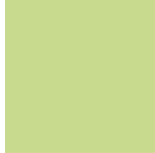


Tritanopia
85, 19.231, 228.115

Trichromacy



Original Color
85, 53.396, 140.920



Protanomaly
84, 40.335, 117.008



Deuteranomaly
84, 32.209, 107.365

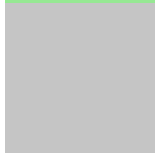


Tritanomaly
85, 24.037, 173.090

Monochromacy



Original Color
85, 53.396, 140.920



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 19.905, 142.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 53.396, 140.920 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(150, 232, 147)` looks like.

```
.text, #text, p{  
    color:rgb(150, 232, 147)  
}
```

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(150, 232, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 232, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 53.396, 140.920 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(150, 232, 147) }
```

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

```
.border{ border-color:rgb(150, 232, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 232, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 232, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 232, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 232,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 53.396, 140.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 232, 147) }
```

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

```
.background{ background-color: rgb(150,  
232, 147) }
```

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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