

Converting Colors

CIELCh(85, 93.050, 130.571)

Have a look what the booklet for
CIELCh(85, 93.050, 130.571)
contains.

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Color

CIELCh(85, 92.986, 130.506)

Conversions

Conversions Part 1

Format	Color
Hex	7EEE3D
RGB	126, 238, 61
RGB Percent	49%, 93%, 24%
CMY	0.5054, 0.0662, 0.7602
CMYK	0.47, 0.00, 0.74, 0.07
HSL	98°, 84%, 59%
HSV	98°, 74%, 93%
XYZ	40.0812, 66.0070, 15.0626
YIQ	184.3340, -9.9350, -78.7910

Conversions

Conversions Part 2

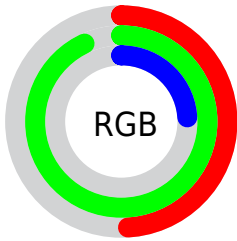
Format	Color
RYB	61, 238, 173
Decimal	8318525
CIELab	85.00, -60.40, 70.70
CIELCh	85, 92.986, 130.506
Yxy	66.0070, 0.3308, 0.5448
Android (android.graphics.Color)	4286508605 (0xFF7EEE3D)
YUV	184.3340, -60.8037, -51.1589
Hunter-Lab	81.2447, -54.1171, 45.8791

Details

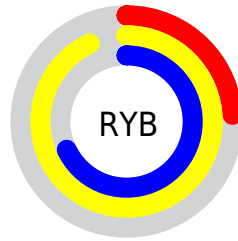
The CIELCh color **85, 92.986, 130.506** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **50, 99.313, 316.248**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 71.416, 127.022**, and **65, 88.404, 132.405** is the 20% darker color. If you saturate the color by 10%, you get **84, 100.777, 130.749**, and if you desaturate by 10%, it is **86, 83.084, 130.626**.

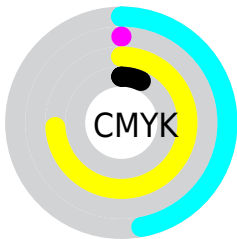
Distribution



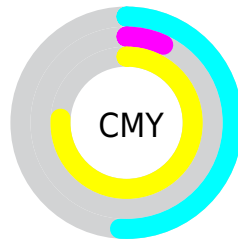
- Red (49%)
- Green (93%)
- Blue (24%)



- Red (24%)
- Yellow (93%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (74%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 92.986, 130.506 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, 92.986, 130.506 by changing the saturation by 10% instead.


 85, 92.986,
130.506

 85, 92.986,
130.506


 100, 92.986,
130.506


 75, 92.986,
130.506

 65, 92.986,
130.506

 55, 92.986,
130.506

 45, 92.986,
130.506

 35, 92.986,
130.506

 25, 92.986,
130.506

 15, 92.986,

130.506

■ 5, 92.986, 130.506

■ 0, 92.986, 130.506

■ 85, 92.986,
130.506

■ 85, 92.986,
130.506

■ 84, 100.777,
130.749

■ 86, 83.084,
130.626

■ 84, 106.016,
131.455

■ 87, 71.658,
130.975


■ 84, 108.051,
131.994

■ 88, 59.228,
131.443

■ 89, 46.186,
131.956


■ 90, 32.812,

132.468

 92, 19.303,
132.955

 93, 5.799, 133.422

 95, 7.601, 313.766

 96, 10.520,
324.778

Harmonies

Complementary

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



85, 92.986, 130.506



50, 99.313, 316.248

Rectangle

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



85, 92.986, 130.506



85, 92.986, 180.506



85, 92.986, 310.506



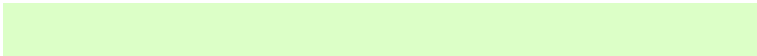
85, 92.986, 0.506

Sweetspot

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



85, 92.986, 130.507



96, 31.374, 132.580



74, 64.859, 76.317



51, 21.079, 132.444



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, 92.986, 130.507



89, 109.245, 131.042



83, 95.188, 140.163



49, 7.686, 133.181



66, 88.669, 131.756



20, 36.518, 131.039

Inverse Universe

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



50, 99.313, 316.248



48, 116.962, 315.869



59, 91.550, 332.154



47, 7.764, 313.951



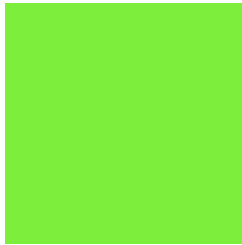
32, 94.791, 315.337



6, 40.029, 316.337

Previews

White Background



This preview shows how the CIE LCh color 85, 92.986, 130.506 looks on a white background.

Color Contrast Check

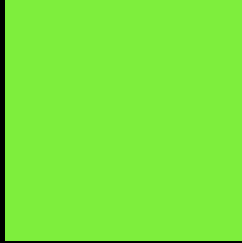
Large Text (above 18pt) WCAG AA × Fail

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, 92.986, 130.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

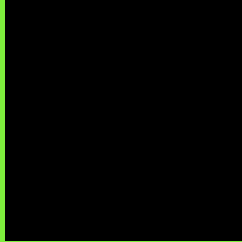
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 92.986, 130.506

Background



This preview shows how black text looks on a background with the CIELCh color 85, 92.986, 130.506.

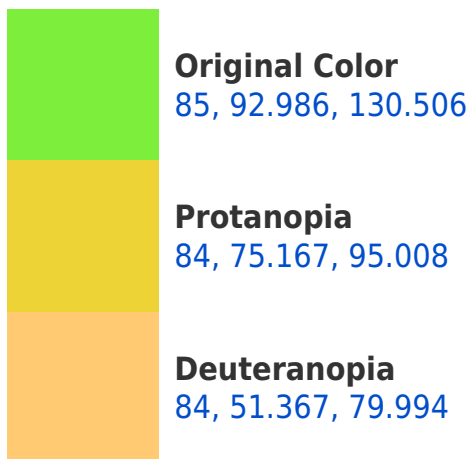



This preview shows how white text looks on a background with the CIELCh color 85, 92.986, 130.506.

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, 22.746, 222.942

Trichromacy



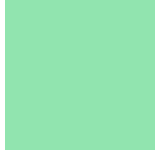
Original Color
85, 92.986, 130.506



Protanomaly
84, 77.542, 111.175



Deuteranomaly
83, 60.111, 107.757

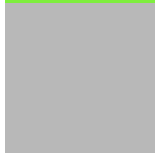


Tritanomaly
84, 40.626, 153.640

Monochromacy



Original Color
85, 92.986, 130.506



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 37.833, 132.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 92.986, 130.506 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(126, 238, 61)` looks like.

```
.text, #text, p{  
    color:rgb(126, 238, 61)  
}
```

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(126, 238, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 238, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 92.986, 130.506 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(126, 238, 61) }
```

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

```
.border{ border-color:rgb(126, 238, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 238, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 238, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 238, 61);  
box-shadow:4px 4px 4px 4px rgb(126, 238,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 92.986, 130.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 238, 61) }
```

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

```
.background{ background-color: rgb(126,  
238, 61) }
```

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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