

Converting Colors

CIELCh(85, 73.549, 125.215)

Have a look what the booklet for
CIELCh(85, 73.549, 125.215)
contains.

CIELCh(85, 73.442, 125.126)	3
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Color

CIELCh(85, 73.442, 125.126)

Conversions

Conversions Part 1

Format	Color
Hex	A6E75B
RGB	166, 231, 91
RGB Percent	65%, 91%, 36%
CMY	0.3491, 0.0941, 0.6432
CMYK	0.28, 0.00, 0.61, 0.09
HSL	88°, 74%, 63%
HSV	88°, 61%, 91%
XYZ	46.1847, 66.0070, 20.2018
YIQ	195.6050, 6.2000, -57.3200

Conversions

Conversions Part 2

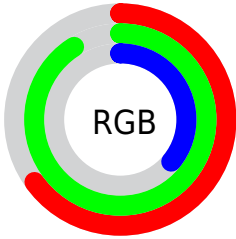
Format	Color
RYB	91, 231, 156
Decimal	10938203
CIELab	85.00, -42.26, 60.07
CIELCh	85, 73.442, 125.126
Yxy	66.0070, 0.3488, 0.4986
Android (android.graphics.Color)	4289128283 (0xFFA6E75B)
YUV	195.6050, -51.5703, -25.9636
Hunter-Lab	81.2447, -40.7075, 42.1286

Details

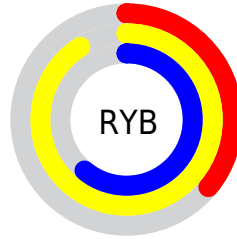
The CIELCh color **85, 73.442, 125.126** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **52, 81.283, 311.099**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 55.454, 118.677**, and **65, 73.414, 125.000** is the 20% darker color. If you saturate the color by 10%, you get **84, 83.193, 125.035**, and if you desaturate by 10%, it is **86, 62.466, 125.435**.

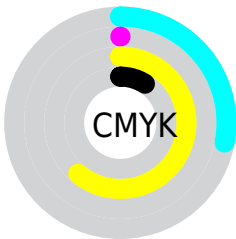
Distribution



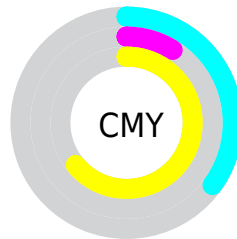
- Red (65%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (61%)



- Cyan (28%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)





- Cyan (35%)
- Magenta (9%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 73.442, 125.126 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, 73.442, 125.126 by changing the saturation by 10% instead.


 85, 73.442,
125.126


 85, 73.442,
125.126


 100, 73.442,
125.126


 75, 73.442,
125.126

 65, 73.442,
125.126

 55, 73.442,
125.126

 45, 73.442,
125.126

 35, 73.442,
125.126

 25, 73.442,
125.126

 15, 73.442,

125.126

■ 5, 73.442, 125.126

■ 0, 73.442, 125.126

■ 85, 73.442,
125.126

■ 85, 73.442,
125.126

■ 84, 83.193,
125.035

■ 86, 62.466,
125.435

■ 84, 91.174,
125.281

■ 87, 50.701,
125.863

■ 83, 96.888,
125.989

■ 88, 38.463,
126.347


■ 83, 100.278,
127.051


■ 89, 25.968,
126.844


■ 90, 13.364,

127.334

 92, 0.754, 127.942

 93, 11.790,
308.203

 94, 14.401,
321.186

 94, 14.995,
324.942

Harmonies

Complementary

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



85, 73.442, 125.126



52, 81.283, 311.099

Rectangle

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



85, 73.442, 125.126



85, 73.442, 175.126



85, 73.442, 305.126



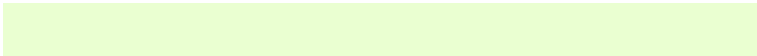
85, 73.442, 355.126

Sweetspot

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



85, 73.443, 125.127



97, 24.581, 126.969



70, 49.807, 62.906



52, 17.076, 126.824



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, 73.443, 125.127



92, 92.268, 125.063



82, 84.168, 138.264



48, 7.116, 127.390



65, 82.474, 126.773



18, 31.944, 126.285

Inverse Universe

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



52, 81.283, 311.099



50, 104.511, 311.584



61, 83.708, 325.917



45, 7.222, 308.244



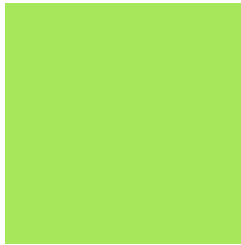
27, 96.186, 311.144



4, 35.407, 309.769

Previews

White Background



This preview shows how the CIELCh color 85, 73.442, 125.126 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, 73.442, 125.126 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, 73.442, 125.126

Background



This preview shows how black text looks on a background with the CIELCh color 85, 73.442, 125.126.

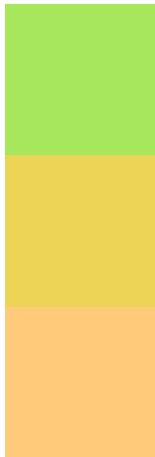


This preview shows how white text looks on a background with the CIELCh color 85, 73.442, 125.126.

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, 73.442, 125.126

Protanopia
85, 64.069, 95.385

Deuteranopia
85, 47.951, 79.119

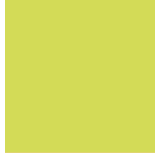


Tritanopia
85, 13.733, 239.682

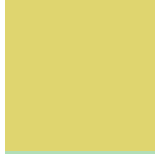
Trichromacy



Original Color
85, 73.442, 125.126



Protanomaly
85, 65.173, 107.560



Deuteranomaly
84, 52.107, 101.015

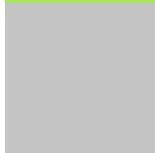


Tritanomaly
85, 26.585, 145.690

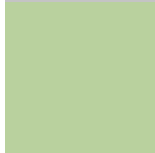
Monochromacy



Original Color
85, 73.442, 125.126



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 28.374, 126.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 73.442, 125.126 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(166, 231, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 231, 91)  
}
```

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(166, 231, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 231, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 73.442, 125.126 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(166, 231, 91) }
```

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

```
.border{ border-color:rgb(166, 231, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 231, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 231, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 231, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 231,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 73.442, 125.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 231, 91) }
```

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

```
.background{ background-color: rgb(166,  
231, 91) }
```

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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