

Converting Colors

CIELCh(85, 69.197, 130.361)

Have a look what the booklet for
CIELCh(85, 69.197, 130.361)
contains.

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Color

CIELCh(85, 69.137, 130.226)

Conversions

Conversions Part 1

Format	Color
Hex	9CE86B
RGB	156, 232, 107
RGB Percent	61%, 91%, 42%
CMY	0.3873, 0.0892, 0.5795
CMYK	0.33, 0.00, 0.54, 0.09
HSL	96°, 73%, 67%
HSV	96°, 54%, 91%
XYZ	45.3466, 66.0070, 24.3224
YIQ	195.0260, -5.1710, -54.9870

Conversions

Conversions Part 2

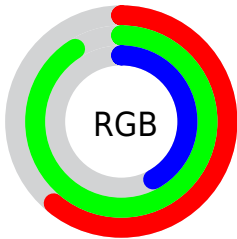
Format	Color
RYB	107, 232, 183
Decimal	10283115
CIELab	85.00, -44.65, 52.79
CIElCh	85, 69.137, 130.226
Yxy	66.0070, 0.3342, 0.4865
Android (android.graphics.Color)	4288473195 (0xFF9CE86B)
YUV	195.0260, -43.3968, -34.2258
Hunter-Lab	81.2447, -42.5487, 39.1215

Details

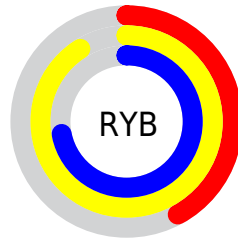
The CIELCh color **85, 69.137, 130.226** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **59, 73.217, 315.104**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 49.663, 124.987**, and **65, 69.114, 130.262** is the 20% darker color. If you saturate the color by 10%, you get **84, 80.324, 129.896**, and if you desaturate by 10%, it is **86, 57.007, 130.678**.

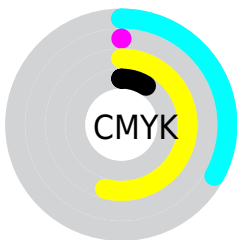
Distribution



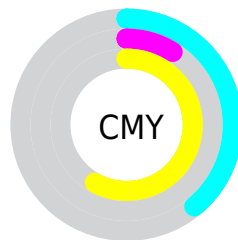
- Red (61%)
- Green (91%)
- Blue (42%)



- Red (42%)
- Yellow (91%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (9%)




- Cyan (39%)
- Magenta (9%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 69.137, 130.226 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, 69.137, 130.226 by changing the saturation by 10% instead.


 85, 69.137,
130.226


 85, 69.137,
130.226


 100, 69.137,
130.226


 75, 69.137,
130.226

 65, 69.137,
130.226

 55, 69.137,
130.226

 45, 69.137,
130.226

 35, 69.137,
130.226

 25, 69.137,
130.226

 15, 69.137,

130.226

■ 5, 69.137, 130.226

■ 0, 69.137, 130.226

■ 85, 69.137,
130.226

■ 85, 69.137,
130.226

■ 84, 80.324,
129.896

■ 86, 57.007,
130.678

■ 83, 90.067,
129.794

■ 87, 44.301,
131.177

■ 83, 97.796,
130.051

■ 88, 31.283,
131.679

■ 82, 103.070,
130.775

■ 90, 18.140,
132.160

■ 82, 105.290,

■ 91, 5.001, 132.625

131.386

■ 93, 8.042, 312.969

■ 94, 14.210,
324.913

Harmonies

Complementary

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



85, 69.137, 130.226



59, 73.217, 315.104

Rectangle

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



85, 69.137, 130.226



85, 69.137, 180.226



85, 69.137, 310.226



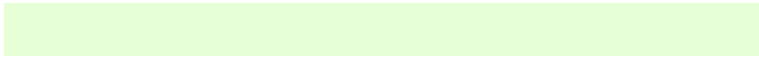
85, 69.137, 0.226

Sweetspot

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



85, 69.138, 130.227



97, 22.649, 132.054



77, 45.719, 78.099



52, 15.296, 131.956



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, 69.138, 130.227



91, 87.892, 129.863



83, 72.512, 142.506



48, 7.502, 132.361



65, 87.145, 131.146



19, 34.831, 130.645

Inverse Universe

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



59, 73.217, 315.104



57, 94.073, 315.434



64, 71.843, 330.403



46, 7.583, 313.133



31, 94.284, 314.644



5, 38.183, 315.259

Previews

White Background



This preview shows how the CIELCh color 85, 69.137, 130.226 looks on a white background.

Color Contrast Check

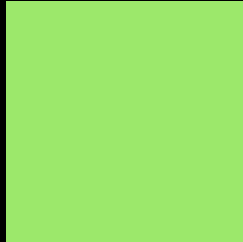
Large Text (above 18pt) WCAG AA × Fail

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, 69.137, 130.226 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, 69.137, 130.226

Background



This preview shows how black text looks on a background with the CIELCh color 85, 69.137, 130.226.



This preview shows how white text looks on a background with the CIELCh color 85, 69.137, 130.226.

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](#).

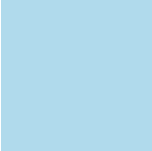
Dichromacy



Original Color
85, 69.137, 130.226

Protanopia
85, 56.989, 95.812

Deuteranopia
84, 45.951, 77.545



Tritanopia
85, 16.469, 233.962

Trichromacy



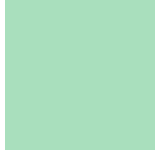
Original Color
85, 69.137, 130.226



Protanomaly
84, 58.443, 110.480



Deuteranomaly
84, 48.181, 102.998

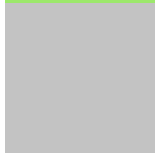


Tritanomaly
84, 26.521, 155.297

Monochromacy



Original Color
85, 69.137, 130.226



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 26.529, 131.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 69.137, 130.226 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(156, 232, 107)` looks like.

```
.text, #text, p{  
    color:rgb(156, 232, 107)  
}
```

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(156, 232, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 232, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 69.137, 130.226 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(156, 232, 107) }
```

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

```
.border{ border-color:rgb(156, 232, 107) }
```

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

Here you see how a box with a 4 pixel rgb(156, 232, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 232, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 232, 107);  
box-shadow:4px 4px 4px 4px rgb(156, 232,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 69.137, 130.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 232, 107) }
```

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

```
.background{ background-color: rgb(156,  
232, 107) }
```

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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