

Converting Colors

CIELCh(85, 52.482, 136.694)

Have a look what the booklet for
CIELCh(85, 52.482, 136.694)
contains.

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Color

CIELCh(85, 52.473, 136.557)

Conversions

Conversions Part 1

Format	Color
Hex	A0E68E
RGB	160, 230, 142
RGB Percent	63%, 90%, 56%
CMY	0.3726, 0.0981, 0.4432
CMYK	0.30, 0.00, 0.38, 0.10
HSL	108°, 64%, 73%
HSV	108°, 38%, 90%
XYZ	47.6659, 66.0070, 35.8124
YIQ	199.0380, -13.4720, -42.2080

Conversions

Conversions Part 2

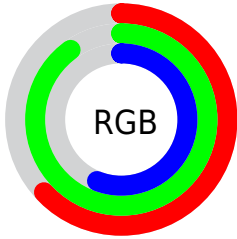
Format	Color
RYB	142, 230, 212
Decimal	10544782
CIELab	85.00, -38.10, 36.08
CIElCh	85, 52.473, 136.557
Yxy	66.0070, 0.3189, 0.4416
Android (android.graphics.Color)	4288734862 (0xFFA0E68E)
YUV	199.0380, -28.1197, -34.2363
Hunter-Lab	81.2447, -37.4530, 30.7364

Details

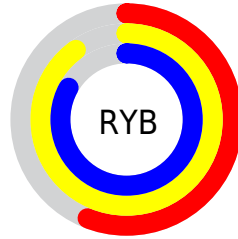
The CIELCh color **85, 52.473, 136.557** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **69, 53.381, 320.356**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 32.644, 133.264**, and **65, 52.547, 136.301** is the 20% darker color. If you saturate the color by 10%, you get **84, 65.561, 135.882**, and if you desaturate by 10%, it is **86, 38.909, 137.201**.

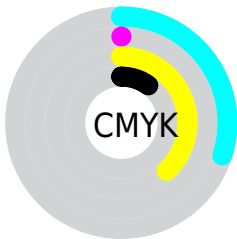
Distribution



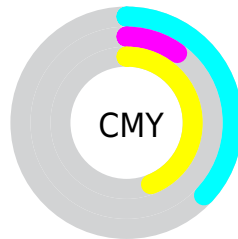
- Red (63%)
- Green (90%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)





- Cyan (37%)
- Magenta (10%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 52.473, 136.557 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, 52.473, 136.557 by changing the saturation by 10% instead.


 85, 52.473,
136.557


 85, 52.473,
136.557


 100, 52.473,
136.557


 75, 52.473,
136.557

 65, 52.473,
136.557

 55, 52.473,
136.557

 45, 52.473,
136.557

 35, 52.473,
136.557


 25, 52.473,
136.557


 15, 52.473,


136.557


 5, 52.473, 136.557


 0, 52.473, 136.557

 85, 52.473,
136.557


 85, 52.473,
136.557


 84, 65.561,
135.882


 86, 38.909,
137.201

 83, 77.813,
135.220


 88, 25.127,
137.788


 82, 88.759,
134.653

 90, 11.319,
138.318

 81, 97.823,
134.302

 92, 2.375, 318.654

 81, 104.427,

 94, 14.975,
320.969

134.295

94, 15.629,
324.964

80, 108.350,
134.670

80, 108.879,
134.731

Harmonies

Complementary

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



85, 52.473, 136.557



69, 53.381, 320.356

Rectangle

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



85, 52.473, 136.557



85, 52.473, 186.557



85, 52.473, 316.557



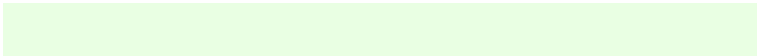
85, 52.473, 6.557

Sweetspot

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



85, 52.475, 136.558



98, 16.410, 138.175



85, 36.670, 94.778



52, 11.033, 138.104



0, 0.000, 0.000



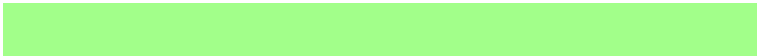
53, 0.007, 296.813

Same Dimension

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



85, 52.475, 136.558



92, 68.109, 136.018



85, 45.638, 150.333



47, 7.772, 138.257



64, 89.892, 134.575



18, 35.044, 135.297

Inverse Universe

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



69, 53.381, 320.356



71, 69.441, 320.664



70, 46.077, 336.424



45, 7.816, 319.076



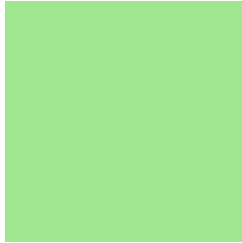
36, 90.166, 320.564



6, 37.090, 321.412

Previews

White Background



This preview shows how the CIELCh color 85, 52.473, 136.557 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, 52.473, 136.557 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, 52.473, 136.557

Background



This preview shows how black text looks on a background with the CIELCh color 85, 52.473, 136.557.

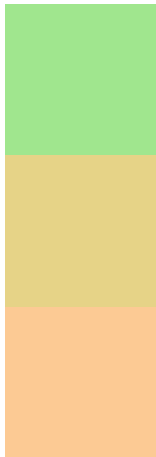


This preview shows how white text looks on a background with the CIELCh color 85, 52.473, 136.557.

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, 52.473, 136.557

Protanopia
85, 40.160, 95.492

Deuteranopia
85, 35.367, 72.152

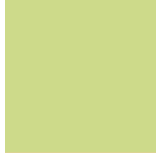


Tritanopia
85, 16.463, 231.696

Trichromacy



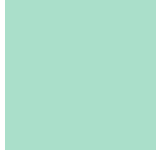
Original Color
85, 52.473, 136.557



Protanomaly
84, 41.480, 113.866



Deuteranomaly
84, 34.385, 102.463

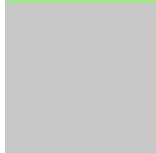


Tritanomaly
85, 21.784, 167.396

Monochromacy



Original Color
85, 52.473, 136.557



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 19.369, 137.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 52.473, 136.557 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(160, 230, 142)` looks like.

```
.text, #text, p{  
    color:rgb(160, 230, 142)  
}
```

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(160, 230, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 230, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 52.473, 136.557 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(160, 230, 142) }
```

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

```
.border{ border-color:rgb(160, 230, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 230, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 230, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 230, 142);  
box-shadow:4px 4px 4px 4px rgb(160, 230,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 52.473, 136.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 230, 142) }
```

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

```
.background{ background-color: rgb(160,  
230, 142) }
```

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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