

Converting Colors

CIELCh(85, 57.944, 138.244)

Have a look what the booklet for
CIELCh(85, 57.944, 138.244)
contains.

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Color

CIELCh(85, 57.821, 138.390)

Conversions

Conversions Part 1

Format	Color
Hex	95E889
RGB	149, 232, 137
RGB Percent	58%, 91%, 54%
CMY	0.4151, 0.0896, 0.4622
CMYK	0.36, 0.00, 0.41, 0.09
HSL	112°, 68%, 72%
HSV	112°, 41%, 91%
XYZ	45.8419, 66.0070, 34.0415
YIQ	196.3530, -18.9730, -47.1410

Conversions

Conversions Part 2

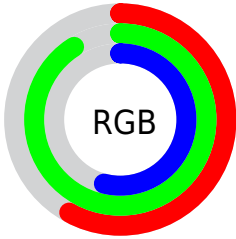
Format	Color
RYB	137, 232, 220
Decimal	9824393
CIELab	85.00, -43.23, 38.40
CIElCh	85, 57.821, 138.390
Yxy	66.0070, 0.3142, 0.4524
Android (android.graphics.Color)	4288014473 (0xFF95E889)
YUV	196.3530, -29.2610, -41.5286
Hunter-Lab	81.2447, -41.4606, 32.0288

Details

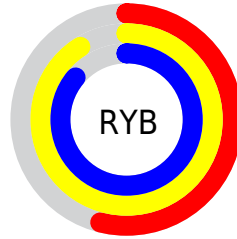
The CIELCh color **85, 57.821, 138.390** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69, 58.350, 322.859**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 37.230, 136.522**, and **65, 58.073, 138.208** is the 20% darker color. If you saturate the color by 10%, you get **84, 71.061, 137.581**, and if you desaturate by 10%, it is **86, 43.947, 139.146**.

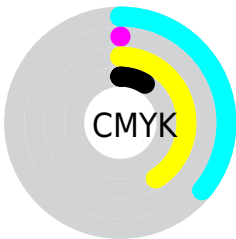
Distribution



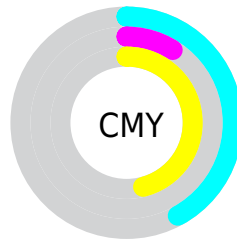
- Red (58%)
- Green (91%)
- Blue (54%)



- Red (54%)
- Yellow (91%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)





- Cyan (42%)
- Magenta (9%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 57.821, 138.390 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, 57.821, 138.390 by changing the saturation by 10% instead.


 85, 57.821,
138.390


 85, 57.821,
138.390


 100, 57.821,
138.390

 75, 57.821,
138.390

 65, 57.821,
138.390

 55, 57.821,
138.390

 45, 57.821,
138.390

 35, 57.821,
138.390


 25, 57.821,
138.390


 15, 57.821,


138.390


 5, 57.821, 138.390


 0, 57.821, 138.390

 85, 57.821,
138.390


 85, 57.821,
138.390


 84, 71.061,
137.581


 86, 43.947,
139.146

 83, 83.242,
136.769


 88, 29.752,
139.826


 82, 93.837,
136.043

 90, 15.477,
140.427

 81, 102.231,
135.532

 92, 1.296, 141.119

 81, 107.888,

 94, 12.668,
321.341

135.361

94, 14.271,
324.916

81, 110.726,
135.463

Harmonies

Complementary

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



85, 57.821, 138.390



69, 58.350, 322.859

Rectangle

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



85, 57.821, 138.390



85, 57.821, 188.390



85, 57.821, 318.390



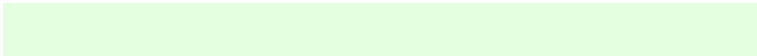
85, 57.821, 8.390

Sweetspot

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



85, 57.822, 138.391



97, 18.352, 140.363



87, 42.576, 99.583



52, 12.181, 140.287



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, 57.822, 138.391



91, 73.973, 137.719



85, 45.958, 153.327



48, 8.107, 140.509



64, 91.793, 135.360



19, 37.160, 136.197

Inverse Universe

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



69, 58.350, 322.859



71, 74.624, 323.182



69, 46.887, 340.531



46, 8.139, 321.396



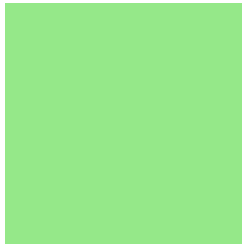
39, 90.207, 323.375



8, 38.545, 324.061

Previews

White Background



This preview shows how the CIELCh color 85, 57.821, 138.390 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, 57.821, 138.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

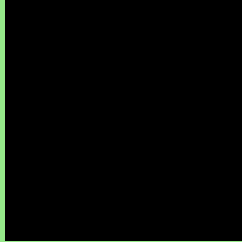
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 57.821, 138.390

Background



This preview shows how black text looks on a background with the CIELCh color 85, 57.821, 138.390.

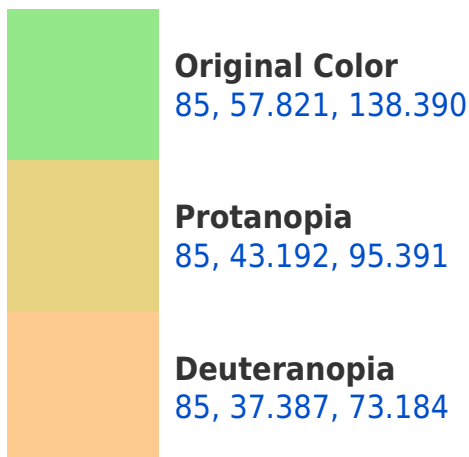


This preview shows how white text looks on a background with the CIELCh color 85, 57.821, 138.390.

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



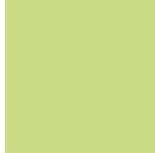


Tritanopia
85, 19.231, 228.115

Trichromacy



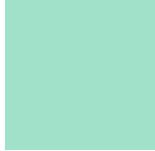
Original Color
85, 57.821, 138.390



Protanomaly
84, 45.171, 115.584



Deuteranomaly
84, 36.774, 105.703

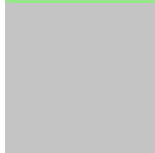


Tritanomaly
85, 25.161, 168.859

Monochromacy



Original Color
85, 57.821, 138.390



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 21.268, 140.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 57.821, 138.390 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(149, 232, 137)` looks like.

```
.text, #text, p{  
    color:rgb(149, 232, 137)  
}
```

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(149, 232, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 232, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 57.821, 138.390 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(149, 232, 137) }
```

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

```
.border{ border-color:rgb(149, 232, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 232, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 232, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 232, 137); box-shadow:4px 4px 4px 4px rgb(149, 232, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 57.821, 138.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 232, 137) }
```

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

```
.background{ background-color: rgb(149,  
232, 137) }
```

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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