

Converting Colors

CIELCh(85, 48.589, 132.045)

Have a look what the booklet for
CIELCh(85, 48.589, 132.045)
contains.

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Color

CIELCh(85, 48.427, 131.878)

Conversions

Conversions Part 1

Format	Color
Hex	ADE38E
RGB	173, 227, 142
RGB Percent	68%, 89%, 56%
CMY	0.3203, 0.1085, 0.4419
CMYK	0.24, 0.00, 0.37, 0.11
HSL	98°, 61%, 72%
HSV	98°, 37%, 89%
XYZ	49.7737, 66.0070, 35.8319
YIQ	201.1640, -4.8990, -37.8830

Conversions

Conversions Part 2

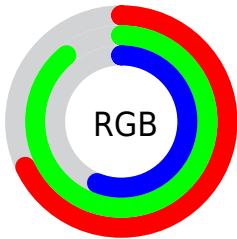
Format	Color
RYB	142, 227, 196
Decimal	11395982
CIELab	85.00, -32.33, 36.06
CIELCh	85, 48.427, 131.878
Yxy	66.0070, 0.3283, 0.4354
Android (android.graphics.Color)	4289586062 (0xFFADE38E)
YUV	201.1640, -29.1679, -24.6998
Hunter-Lab	81.2447, -32.8220, 30.7223

Details

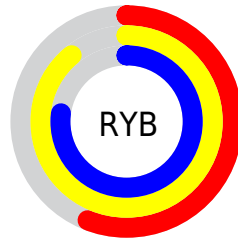
The CIELCh color **85, 48.427, 131.878** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 50.205, 315.285**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 30.808, 125.509**, and **65, 48.387, 131.627** is the 20% darker color. If you saturate the color by 10%, you get **84, 60.856, 131.373**, and if you desaturate by 10%, it is **86, 35.612, 132.395**.

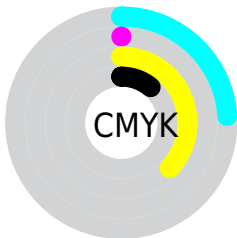
Distribution



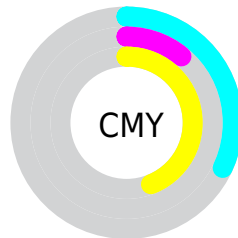
- Red (68%)
- Green (89%)
- Blue (56%)



- Red (56%)
- Yellow (89%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (32%)
- Magenta (11%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 48.427, 131.878 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, 48.427, 131.878 by changing the saturation by 10% instead.

 85, 48.427,
131.878


 85, 48.427,
131.878


 100, 48.427,
131.878


 75, 48.427,
131.878

 65, 48.427,
131.878

 55, 48.427,
131.878

 45, 48.427,
131.878

 35, 48.427,
131.878


 25, 48.427,
131.878


 15, 48.427,


131.878


 5, 48.427, 131.878


 0, 48.427, 131.878

 85, 48.427,
131.878


 85, 48.427,
131.878

 84, 60.856,
131.373


 86, 35.612,
132.395

 83, 72.596,
130.930


 88, 22.615,
132.890

 82, 83.236,
130.633

 89, 9.587, 133.357

 81, 92.249,
130.601

 91, 3.366, 313.699

 93, 15.703,
314.830

 81, 99.080,

130.963

93, 17.290,
325.024

80, 103.450,
131.784

80, 104.358,
132.011

Harmonies

Complementary

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



85, 48.427, 131.878



67, 50.205, 315.285

Rectangle

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



85, 48.427, 131.878



85, 48.427, 181.878



85, 48.427, 311.878



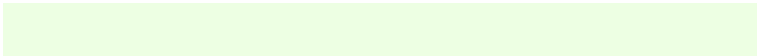
85, 48.427, 1.878

Sweetspot

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



85, 48.429, 131.879



98, 15.666, 133.189



81, 31.331, 83.421



52, 10.531, 133.125



0, 0.000, 0.000



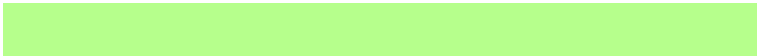
53, 0.007, 296.813

Same Dimension

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



85, 48.429, 131.879



93, 63.557, 131.477



84, 49.430, 145.369



47, 7.422, 133.263



64, 86.860, 131.783



18, 33.627, 131.739

Inverse Universe

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



67, 50.205, 315.285



70, 66.396, 315.621



70, 49.449, 330.572



45, 7.495, 314.029



31, 92.770, 315.429



5, 36.420, 315.848

Previews

White Background



This preview shows how the CIELCh color 85, 48.427, 131.878 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, 48.427, 131.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

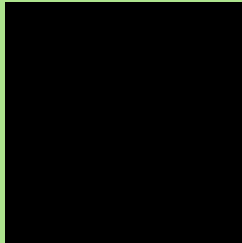
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 48.427, 131.878

Background



This preview shows how black text looks on a background with the CIELCh color 85, 48.427, 131.878.

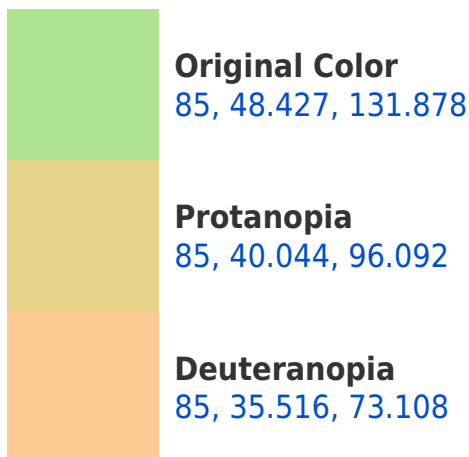


This preview shows how white text looks on a background with the CIELCh color 85, 48.427, 131.878.

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, 13.144, 245.270

Trichromacy



Original Color
85, 48.427, 131.878



Protanomaly
85, 41.293, 111.674



Deuteranomaly
84, 34.565, 99.781

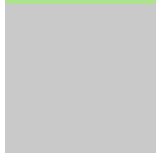


Tritanomaly
85, 16.698, 161.508

Monochromacy



Original Color
85, 48.427, 131.878



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 18.012, 133.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 48.427, 131.878 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(173, 227, 142)` looks like.

```
.text, #text, p{  
    color:rgb(173, 227, 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(173, 227, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 227, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 48.427, 131.878 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(173, 227, 142) }
```

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

```
.border{ border-color:rgb(173, 227, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 227, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 227, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 227, 142);  
box-shadow:4px 4px 4px 4px rgb(173, 227,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 48.427, 131.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 227, 142) }
```

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

```
.background{ background-color: rgb(173,  
227, 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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