

Converting Colors

CIE LCh(85, 24.126, 112.135)

Have a look what the booklet for
CIELCh(85, 24.126, 112.135)
contains.

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Color

CIELCh(85, 24.002, 111.820)

Conversions

Conversions Part 1

Format	Color
Hex	D4D8AA
RGB	212, 216, 170
RGB Percent	83%, 85%, 67%
CMY	0.1686, 0.1529, 0.3333
CMYK	0.02, 0.00, 0.21, 0.15
HSL	65°, 37%, 76%
HSV	65°, 21%, 85%
XYZ	58.9592, 66.0070, 47.6609
YIQ	209.5600, 12.3820, -15.1540

Conversions

Conversions Part 2

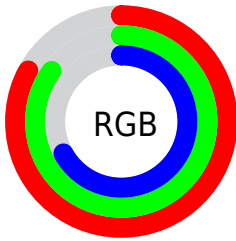
Format	Color
RYB	170, 216, 174
Decimal	13949098
CIELab	85.00, -8.92, 22.28
CIELCh	85, 24.002, 111.820
Yxy	66.0070, 0.3415, 0.3824
Android (android.graphics.Color)	4292139178 (0xFFD4D8AA)
YUV	209.5600, -19.5031, 2.1399
Hunter-Lab	81.2447, -12.6409, 22.0898

Details

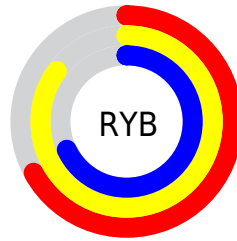
The CIELCh color **85, 24.002, 111.820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 25.209, 295.669**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **65, 23.645, 111.672** is the 20% darker color. If you saturate the color by 10%, you get **84, 35.062, 110.989**, and if you desaturate by 10%, it is **86, 12.774, 112.663**.

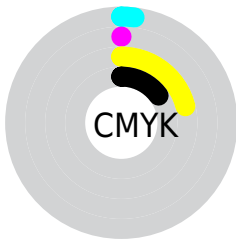
Distribution



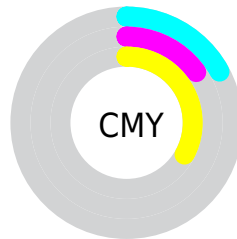
- Red (83%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 24.002, 111.820 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, 24.002, 111.820 by changing the saturation by 10% instead.


 85, 24.002,
111.820

 85, 24.002,
111.820


 100, 24.002,
111.820


 75, 24.002,
111.820

 65, 24.002,
111.820

 55, 24.002,
111.820

 45, 24.002,
111.820

 35, 24.002,
111.820

 25, 24.002,
111.820

 15, 24.002,

111.820

■ 5, 24.002, 111.820

■ 0, 24.002, 111.820

■ 85, 24.002,
111.820

■ 85, 24.002,
111.820

■ 84, 35.062,
110.989

■ 86, 12.774,
112.663

■ 84, 45.814,
110.181

■ 86, 1.461, 113.472

■ 87, 9.877, 294.305

■ 84, 56.052,
109.431

■ 88, 20.472,
295.144

■ 83, 65.466,
108.783

■ 88, 20.525,
296.904

■ 83, 73.619,

108.290

88, 20.597,
298.659

83, 79.979,
108.018

88, 20.687,
300.408

83, 84.082,
108.025

88, 20.796,
302.148

82, 85.977,
108.241

88, 20.923,
303.874

Harmonies

Complementary

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



85, 24.002, 111.820



71, 25.209, 295.669

Rectangle

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



85, 24.002, 111.820



85, 24.002, 161.820



85, 24.002, 291.820



85, 24.002, 341.820

Sweetspot

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



85, 24.004, 111.824



100, 7.765, 113.098



75, 16.678, 27.810



53, 5.151, 113.044



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, 24.004, 111.824



98, 33.441, 111.409



83, 26.186, 130.984



45, 6.375, 112.820



67, 72.177, 108.157



16, 25.098, 109.450

Inverse Universe

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



71, 25.209, 295.669



79, 35.571, 296.255



73, 26.811, 312.855



41, 6.516, 294.433



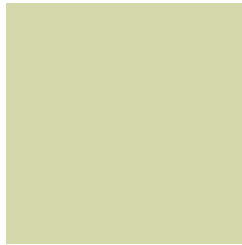
20, 98.648, 306.583



2, 27.668, 296.215

Previews

White Background



This preview shows how the CIELCh color 85, 24.002, 111.820 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 CIE LCh color 85, 24.002, 111.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

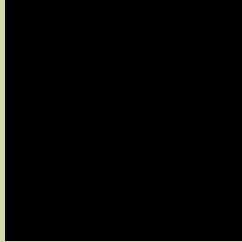
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

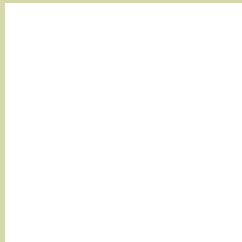
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.002, 111.820

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.002, 111.820.



This preview shows how white text looks on a background with the CIELCh color 85, 24.002, 111.820.

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, 24.002, 111.820

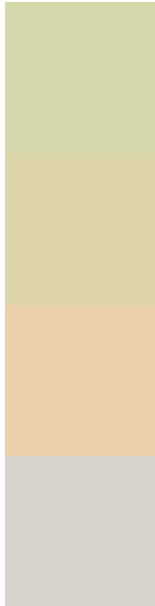
Protanopia
85, 23.634, 94.701

Deuteranopia
85, 23.841, 64.419



Tritanopia
85, 9.187, 313.588

Trichromacy



Original Color
85, 24.002, 111.820

Protanomaly
85, 23.168, 100.417

Deuteranomaly
85, 22.000, 80.713

Tritanomaly
85, 3.935, 87.921

Monochromacy



Original Color
85, 24.002, 111.820

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.922, 111.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.002, 111.820 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(212, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 170)  
}
```

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(212, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.002, 111.820 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(212, 216, 170) }
```

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

```
.border{ border-color:rgb(212, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.002, 111.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 170) }
```

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

```
.background{ background-color: rgb(212,  
216, 170) }
```

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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