

Converting Colors

CIELCh(85, 30.498, 130.523)

Have a look what the booklet for
CIELCh(85, 30.498, 130.523)
contains.

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Color

CIELCh(85, 30.498, 130.523)

Conversions

Conversions Part 1

Format	Color
Hex	BFDEA8
RGB	191, 222, 168
RGB Percent	75%, 87%, 66%
CMY	0.2517, 0.1302, 0.3419
CMYK	0.14, 0.00, 0.24, 0.13
HSL	94°, 45%, 76%
HSV	94°, 24%, 87%
XYZ	54.5546, 66.0070, 46.8180
YIQ	206.5750, -1.1420, -23.3660

Conversions

Conversions Part 2

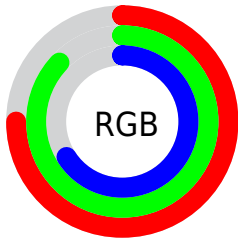
Format	Color
RYB	168, 222, 199
Decimal	12574376
CIELab	85.00, -19.82, 23.18
CIELCh	85, 30.498, 130.523
Yxy	66.0070, 0.3259, 0.3944
Android (android.graphics.Color)	4290764456 (0xFFBFDEA8)
YUV	206.5750, -19.0175, -13.6593
Hunter-Lab	81.2447, -22.3182, 22.7049

Details

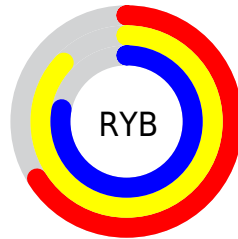
The CIELCh color **85, 30.498, 130.523** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 31.361, 312.698**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.417, 117.884**, and **65, 30.457, 130.722** is the 20% darker color. If you saturate the color by 10%, you get **84, 42.904, 130.032**, and if you desaturate by 10%, it is **86, 17.964, 131.002**.

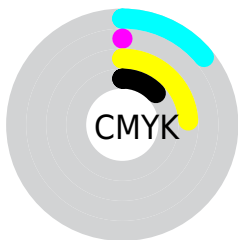
Distribution



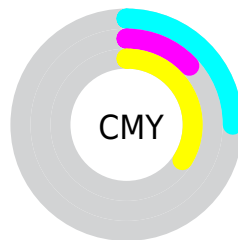
- Red (75%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 30.498, 130.523 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, 30.498, 130.523 by changing the saturation by 10% instead.

■ 85, 30.498,
130.523

■ 85, 30.498,
130.523

■ 100, 30.498,
130.523

■ 75, 30.498,
130.523

■ 65, 30.498,
130.523

■ 55, 30.498,
130.523

■ 45, 30.498,
130.523

■ 35, 30.498,
130.523

■ 25, 30.498,
130.523

■ 15, 30.498,

130.523

■ 5, 30.498, 130.523

■ 0, 30.498, 130.523

■ 85, 30.498,
130.523

■ 85, 30.498,
130.523

■ 84, 42.904,
130.032

■ 86, 17.964,
131.002

■ 83, 55.001,
129.550

■ 88, 5.418, 131.464

■ 82, 66.540,
129.126

■ 89, 7.050, 311.818

■ 81, 77.166,
128.832

■ 91, 18.642,
313.054

■ 80, 86.405,

■ 92, 20.675,
324.716

128.779

92, 20.774,
325.147

80, 93.713,
129.096

79, 98.683,
129.887

79, 100.672,
130.470

Harmonies

Complementary

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



85, 30.498, 130.523



73, 31.361, 312.698

Rectangle

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



85, 30.498, 130.523



85, 30.498, 180.523



85, 30.498, 310.523



85, 30.498, 0.523

Sweetspot

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



85, 30.500, 130.525



99, 9.795, 131.337



81, 18.678, 79.113



53, 6.366, 131.309



0, 0.000, 0.000



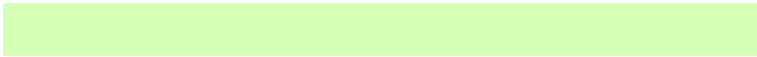
53, 0.007, 296.813

Same Dimension

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



85, 30.500, 130.525



96, 40.648, 130.285



84, 33.202, 144.627



45, 7.036, 131.228



63, 83.536, 130.212



16, 29.997, 130.882

Inverse Universe

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



73, 31.361, 312.698



80, 42.043, 312.933



75, 33.234, 327.663



43, 7.118, 312.003



29, 91.938, 313.767



4, 31.821, 312.386

Previews

White Background



This preview shows how the CIELCh color 85, 30.498, 130.523 looks on a white background.

Color Contrast Check

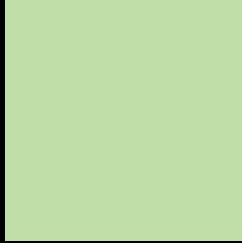
Large Text (above 18pt) WCAG AA × Fail

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, 30.498, 130.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

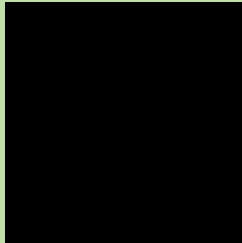
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.498, 130.523

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.498, 130.523.



This preview shows how white text looks on a background with the CIELCh color 85, 30.498, 130.523.

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, 30.498, 130.523

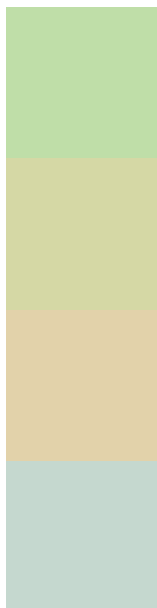
Protanopia
85, 26.167, 95.710

Deuteranopia
85, 23.841, 64.419



Tritanopia
85, 9.908, 264.116

Trichromacy



Original Color
85, 30.498, 130.523

Protanomaly
85, 26.546, 110.423

Deuteranomaly
85, 21.870, 91.655

Tritanomaly
85, 8.360, 164.397

Monochromacy



Original Color
85, 30.498, 130.523

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 11.451, 132.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.498, 130.523 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(191, 222, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 222, 168)  
}
```

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(191, 222, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 222, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.498, 130.523 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(191, 222, 168) }
```

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

```
.border{ border-color:rgb(191, 222, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 222, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 222, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 222, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 222,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.498, 130.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 222, 168) }
```

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

```
.background{ background-color: rgb(191,  
222, 168) }
```

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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