

Converting Colors

CIELCh(85, 30.211, 136.055)

Have a look what the booklet for
CIELCh(85, 30.211, 136.055)
contains.

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Color

CIELCh(85, 30.237, 136.050)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFAC
RGB	185, 223, 172
RGB Percent	73%, 87%, 67%
CMY	0.2748, 0.1258, 0.3258
CMYK	0.17, 0.00, 0.23, 0.13
HSL	105°, 44%, 77%
HSV	105°, 23%, 87%
XYZ	53.7890, 66.0070, 48.8925
YIQ	205.8240, -6.2770, -23.9170

Conversions

Conversions Part 2

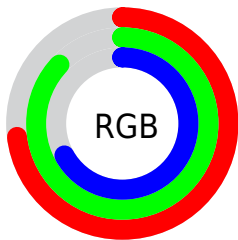
Format	Color
RYB	172, 223, 210
Decimal	12181420
CIELab	85.00, -21.77, 20.99
CIELCh	85, 30.237, 136.050
Yxy	66.0070, 0.3189, 0.3913
Android (android.graphics.Color)	4290371500 (0xFFB9DFAC)
YUV	205.8240, -16.6752, -18.2626
Hunter-Lab	81.2447, -24.0001, 21.1910

Details

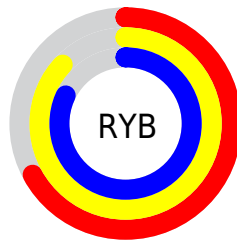
The CIELCh color $85, 30.237, 136.050$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $75, 30.671, 318.129$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 14.509, 127.947$, and $65, 30.712, 136.021$ is the 20% darker color. If you saturate the color by 10%, you get $84, 43.398, 135.480$, and if you desaturate by 10%, it is $87, 16.981, 136.575$.

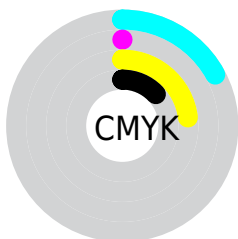
Distribution



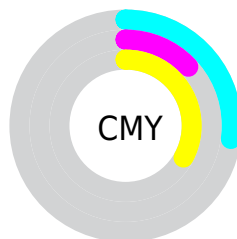
- Red (73%)
- Green (87%)
- Blue (67%)



- Red (67%)
- Yellow (87%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.237, 136.050 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, 30.237, 136.050 by changing the saturation by 10% instead.


 85, 30.237,
136.050


 85, 30.237,
136.050


 100, 30.237,
136.050


 75, 30.237,
136.050

 65, 30.237,
136.050

 55, 30.237,
136.050

 45, 30.237,
136.050

 35, 30.237,
136.050


 25, 30.237,
136.050


 15, 30.237,

136.050


 5, 30.237, 136.050


 0, 30.237, 136.050

 85, 30.237,
136.050


 85, 30.237,
136.050

 84, 43.398,
135.480


 87, 16.981,
136.575


 82, 56.257,
134.875

 88, 3.769, 137.079


 81, 68.540,
134.273

 90, 9.294, 317.404

 80, 79.869,
133.738

 92, 19.403,
321.925

 80, 89.749,

 92, 20.074,
325.122

133.369

■ 79, 97.606,
133.296

■ 78, 102.962,
133.631

■ 78, 105.409,
134.045

Harmonies

Complementary

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



85, 30.237, 136.050



75, 30.671, 318.129

Rectangle

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



85, 30.237, 136.050



85, 30.237, 186.050



85, 30.237, 316.050



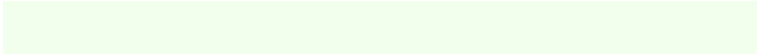
85, 30.237, 6.050

Sweetspot

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



85, 30.239, 136.051



99, 10.263, 136.860



84, 20.306, 93.289



52, 6.671, 136.831



0, 0.000, 0.000



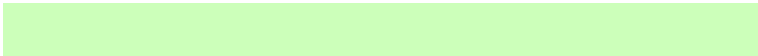
53, 0.007, 296.813

Same Dimension

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



85, 30.239, 136.051



95, 39.796, 135.809



84, 27.790, 150.042



46, 7.515, 136.744



63, 88.135, 133.868



17, 33.098, 134.790

Inverse Universe

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



75, 30.671, 318.129



82, 40.467, 318.320



76, 27.944, 333.221



44, 7.568, 317.531



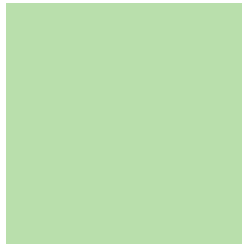
34, 89.919, 318.858



5, 35.118, 319.430

Previews

White Background



This preview shows how the CIELCh color 85, 30.237, 136.050 looks on a white background.

Color Contrast Check

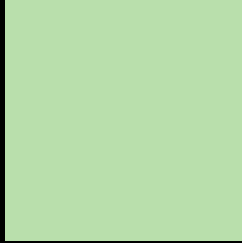
Large Text (above 18pt) WCAG AA × Fail

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, 30.237, 136.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

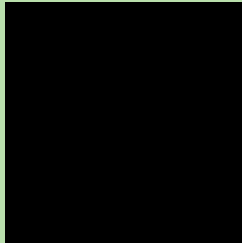
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.237, 136.050

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.237, 136.050.

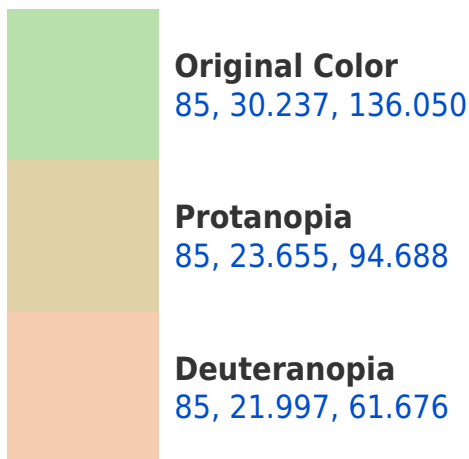


This preview shows how white text looks on a background with the CIELCh color 85, 30.237, 136.050.

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](#).

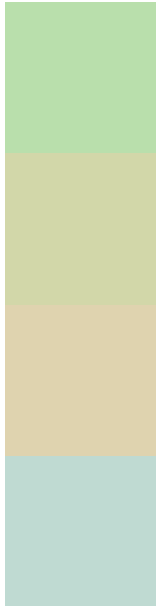
Dichromacy





Tritanopia
85, 11.093, 253.063

Trichromacy



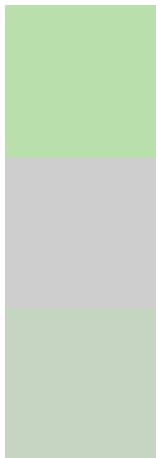
Original Color
85, 30.237, 136.050

Protanomaly
85, 24.054, 112.729

Deuteranomaly
85, 19.406, 94.628

Tritanomaly
85, 10.526, 175.112

Monochromacy



Original Color
85, 30.237, 136.050

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.829, 137.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.237, 136.050 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(185, 223, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 172)  
}
```

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(185, 223, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.237, 136.050 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(185, 223, 172) }
```

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

```
.border{ border-color:rgb(185, 223, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 223, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 223, 172); box-shadow:4px 4px 4px 4px rgb(185, 223, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.237, 136.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 172) }
```

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

```
.background{ background-color: rgb(185,  
223, 172) }
```

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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