

Converting Colors

CIELCh(85, 24.476, 143.369)

Have a look what the booklet for
CIELCh(85, 24.476, 143.369)
contains.

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Color

CIELCh(85, 24.426, 143.374)

Conversions

Conversions Part 1

Format	Color
Hex	B8DEB8
RGB	184, 222, 184
RGB Percent	72%, 87%, 72%
CMY	0.2778, 0.1288, 0.2778
CMYK	0.17, 0.00, 0.17, 0.13
HSL	120°, 37%, 80%
HSV	120°, 17%, 87%
XYZ	54.6386, 66.0070, 55.2953
YIQ	206.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

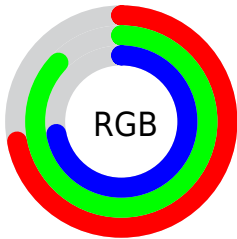
Format	Color
RYB	184, 222, 222
Decimal	12115640
CIELab	85.00, -19.60, 14.57
CIELCh	85, 24.426, 143.374
Yxy	66.0070, 0.3106, 0.3752
Android (android.graphics.Color)	4290305720 (0xFFB8DEB8)
YUV	206.3060, -10.9969, -19.5624
Hunter-Lab	81.2447, -22.1336, 16.5184

Details

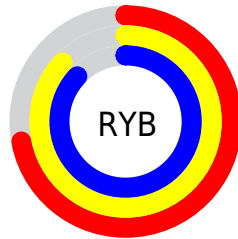
The CIELCh color $85, 24.426, 143.374$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $79, 24.449, 325.369$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 9.329, 144.135$, and $65, 24.649, 143.742$ is the 20% darker color. If you saturate the color by 10%, you get $83, 38.740, 142.587$, and if you desaturate by 10%, it is $87, 10.091, 144.058$.

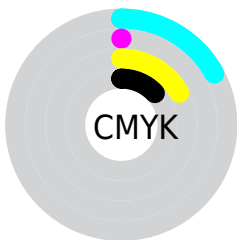
Distribution



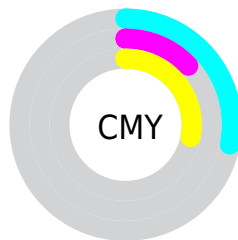
- Red (72%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (87%)



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





- Cyan (28%)
- Magenta (13%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 24.426, 143.374 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, 24.426, 143.374 by changing the saturation by 10% instead.


 85, 24.426,
143.374


 85, 24.426,
143.374


 100, 24.426,
143.374


 75, 24.426,
143.374

 65, 24.426,
143.374

 55, 24.426,
143.374

 45, 24.426,
143.374

 35, 24.426,
143.374


 25, 24.426,
143.374


 15, 24.426,


143.374


 5, 24.426, 143.374


 0, 24.426, 143.374

 85, 24.426,
143.374


 85, 24.426,
143.374


 83, 38.740,
142.587


 87, 10.091,
144.058


 82, 52.771,
141.679

 89, 4.084, 324.526

 80, 66.186,
140.652

 92, 17.967,
325.055

 79, 78.564,
139.535

 92, 20.545,
325.139

 79, 89.395,

138.396

■ 78, 98.102,
137.352

■ 78, 104.144,
136.552

■ 78, 107.303,
136.107

■ 77, 107.934,
136.016

Harmonies

Complementary

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



85, 24.426, 143.374



79, 24.449, 325.369

Rectangle

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



85, 24.426, 143.374



85, 24.426, 193.374



85, 24.426, 323.374



85, 24.426, 13.374

Sweetspot

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



85, 24.428, 143.374



99, 7.923, 144.194



87, 19.391, 107.830



53, 5.409, 144.147



0, 0.000, 0.000



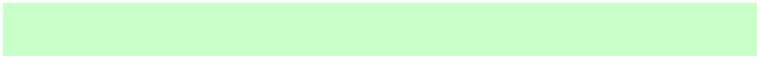
53, 0.007, 296.813

Same Dimension

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



85, 24.428, 143.374



95, 33.565, 143.069



85, 17.161, 161.317



46, 8.142, 143.904



63, 90.678, 136.016



16, 35.257, 139.479

Inverse Universe

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



79, 24.449, 325.369



87, 33.585, 325.592



79, 17.506, 344.205



44, 8.154, 324.939



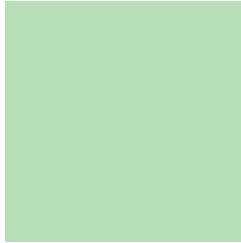
42, 87.490, 328.232



8, 35.926, 328.228

Previews

White Background



This preview shows how the CIELCh color 85, 24.426, 143.374 looks on a white background.

Color Contrast Check

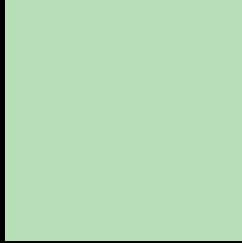
Large Text (above 18pt) WCAG AA × Fail

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, 24.426, 143.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

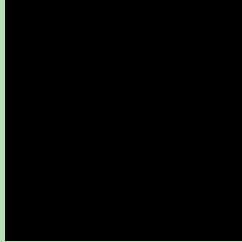
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

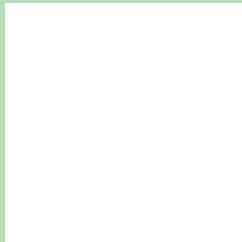
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.426, 143.374

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.426, 143.374.



This preview shows how white text looks on a background with the CIELCh color 85, 24.426, 143.374.

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, 24.426, 143.374

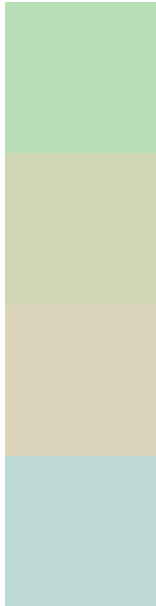
Protanopia
85, 17.380, 93.251

Deuteranopia
85, 16.625, 50.377



Tritanopia
85, 12.088, 250.886

Trichromacy



Original Color
85, 24.426, 143.374

Protanomaly
85, 17.918, 115.963

Deuteranomaly
85, 13.023, 93.841

Tritanomaly
85, 10.307, 189.889

Monochromacy



Original Color
85, 24.426, 143.374

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.021, 144.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.426, 143.374 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(184, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 222, 184)  
}
```

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(184, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 222, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.426, 143.374 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(184, 222, 184) }
```

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

```
.border{ border-color:rgb(184, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 222,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.426, 143.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 222, 184) }
```

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

```
.background{ background-color: rgb(184,  
222, 184) }
```

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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