

Converting Colors

CIELCh(85, 24.699, 149.593)

Have a look what the booklet for
CIELCh(85, 24.699, 149.593)
contains.

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Color

CIELCh(85, 24.715, 149.881)

Conversions

Conversions Part 1

Format	Color
Hex	B2DFBC
RGB	178, 223, 188
RGB Percent	70%, 87%, 74%
CMY	0.3012, 0.1247, 0.2620
CMYK	0.20, 0.00, 0.16, 0.12
HSL	133°, 41%, 79%
HSV	133°, 20%, 88%
XYZ	53.9417, 66.0070, 57.5825
YIQ	205.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

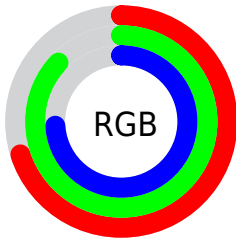
Format	Color
RYB	178, 215, 223
Decimal	11722684
CIELab	85.00, -21.38, 12.40
CIElCh	85, 24.715, 149.881
Yxy	66.0070, 0.3038, 0.3718
Android (android.graphics.Color)	4289912764 (0xFFB2DFBC)
YUV	205.5550, -8.6546, -24.1657
Hunter-Lab	81.2447, -23.6647, 14.8493

Details

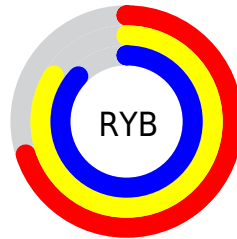
The CIELCh color $85, 24.715, 149.881$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $78, 24.835, 332.612$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.283, 161.764$, and $65, 24.713, 149.817$ is the 20% darker color. If you saturate the color by 10%, you get $83, 36.946, 148.981$, and if you desaturate by 10%, it is $87, 12.414, 150.666$.

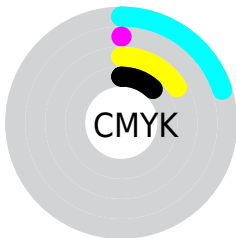
Distribution



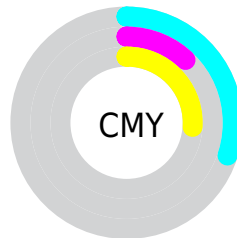
- Red (70%)
- Green (87%)
- Blue (74%)



- Red (70%)
- Yellow (84%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 24.715, 149.881 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, 24.715, 149.881 by changing the saturation by 10% instead.


 85, 24.715,
149.881


 85, 24.715,
149.881


 100, 24.715,
149.881


 75, 24.715,
149.881

 65, 24.715,
149.881

 55, 24.715,
149.881


 45, 24.715,
149.881

 35, 24.715,
149.881


 25, 24.715,
149.881


 15, 24.715,


149.881

 5, 24.715, 149.881


 0, 24.715, 149.881

 85, 24.715,
149.881

 85, 24.715,
149.881


 83, 36.946,
148.981


 87, 12.414,
150.666


 82, 48.903,
147.942

 89, 0.192, 153.087

 81, 60.354,
146.744

 91, 11.832,
331.856

 80, 71.039,
145.376

 92, 19.895,
325.116

 79, 80.693,

143.845

■ 78, 89.069,
142.180

■ 78, 95.957,
140.450

■ 78, 101.207,
138.839

Harmonies

Complementary

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



85, 24.715, 149.881



78, 24.835, 332.612

Rectangle

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



85, 24.715, 149.881



85, 24.715, 199.881



85, 24.715, 329.881



85, 24.715, 19.881

Sweetspot

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



85, 24.717, 149.881



99, 8.139, 150.971



87, 23.628, 117.293



52, 5.402, 150.922



0, 0.000, 0.000



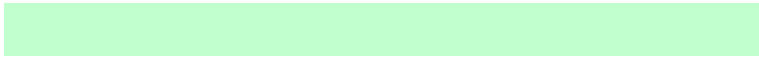
53, 0.007, 296.813

Same Dimension

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



85, 24.717, 149.881



95, 32.781, 149.535



86, 17.181, 175.227



46, 6.961, 150.719



63, 84.167, 139.121



16, 31.431, 143.577

Inverse Universe

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



78, 24.835, 332.612



85, 32.952, 332.889



77, 18.283, 359.184



44, 6.986, 331.887



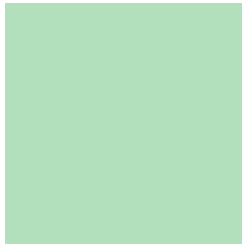
40, 73.750, 339.489



7, 30.914, 337.274

Previews

White Background



This preview shows how the CIELCh color 85, 24.715, 149.881 looks on a white background.

Color Contrast Check

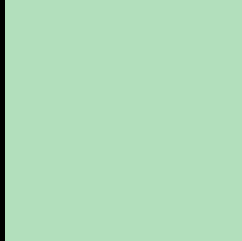
Large Text (above 18pt) WCAG AA × Fail

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, 24.715, 149.881 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

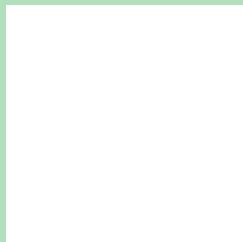
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.715, 149.881

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.715, 149.881.

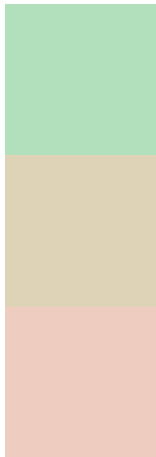


This preview shows how white text looks on a background with the CIELCh color 85, 24.715, 149.881.

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, 24.715, 149.881

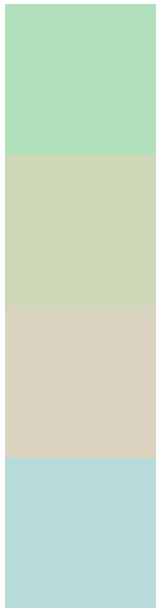
Protanopia
85, 15.758, 93.302

Deuteranopia
85, 14.838, 45.210



Tritanopia
85, 13.493, 240.577

Trichromacy



Original Color
85, 24.715, 149.881

Protanomaly
85, 16.583, 120.600

Deuteranomaly
85, 10.714, 97.078

Tritanomaly
85, 12.522, 193.721

Monochromacy



Original Color
85, 24.715, 149.881

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.646, 151.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.715, 149.881 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(178, 223, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 223, 188)  
}
```

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(178, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 223, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.715, 149.881 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(178, 223, 188) }
```

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

```
.border{ border-color:rgb(178, 223, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 223, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 223, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 223, 188);  
box-shadow:4px 4px 4px 4px rgb(178, 223,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.715, 149.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 223, 188) }
```

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

```
.background{ background-color: rgb(178,  
223, 188) }
```

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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