

Converting Colors

CIELCh(85, 14.923, 156.627)

Have a look what the booklet for
CIELCh(85, 14.923, 156.627)
contains.

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Color

CIELCh(85, 15.072, 156.959)

Conversions

Conversions Part 1

Format	Color
Hex	BDDCC9
RGB	189, 220, 201
RGB Percent	74%, 86%, 79%
CMY	0.2600, 0.1385, 0.2130
CMYK	0.14, 0.00, 0.09, 0.14
HSL	143°, 31%, 80%
HSV	143°, 14%, 86%
XYZ	56.9304, 66.0070, 64.8111
YIQ	208.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

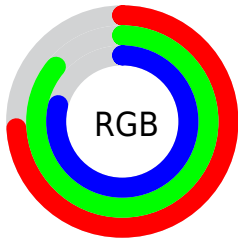
Format	Color
R _{YB}	189, 211, 220
Decimal	12442825
CIE Lab	85.00, -13.87, 5.90
CIE LCh	85, 15.072, 156.959
Yxy	66.0070, 0.3032, 0.3516
Android (android.graphics.Color)	4290632905 (0xFFBDDCC9)
YUV	208.5650, -3.7295, -17.1585
Hunter-Lab	81.2447, -17.0983, 9.5741

Details

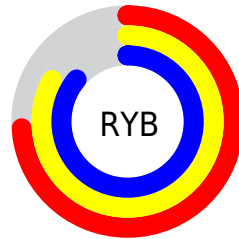
The CIELCh color **85, 15.072, 156.959** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 15.231, 339.082**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **65, 15.246, 157.211** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.753, 156.041**, and if you desaturate by 10%, it is **87, 4.369, 157.821**.

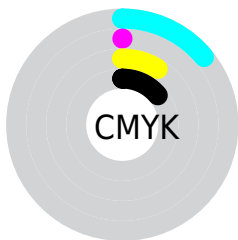
Distribution



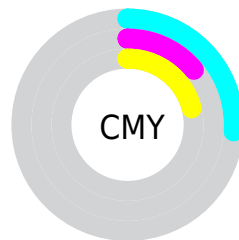
- Red (74%)
- Green (86%)
- Blue (79%)



- Red (74%)
- Yellow (83%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 15.072, 156.959 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, 15.072, 156.959 by changing the saturation by 10% instead.


 85, 15.072,
156.959


 85, 15.072,
156.959


 100, 15.072,
156.959


 75, 15.072,
156.959

 65, 15.072,
156.959

 55, 15.072,
156.959

 45, 15.072,
156.959

 35, 15.072,
156.959

 25, 15.072,
156.959

 15, 15.072,

156.959

■ 5, 15.072, 156.959

■ 0, 15.072, 156.959

■ 85, 15.072,
156.959

■ 85, 15.072,
156.959

■ 83, 25.753,
156.041

■ 87, 4.369, 157.821

■ 82, 36.260,
155.005

■ 89, 6.245, 338.381

■ 81, 46.421,
153.822

■ 91, 16.681,
339.059

■ 80, 56.047,
152.469

■ 91, 21.917,
325.530

■ 79, 64.948,

■ 91, 22.102,
325.194

150.925

■ 78, 72.960,
149.177

■ 78, 79.969,
147.231

■ 77, 85.942,
145.124

■ 77, 89.061,
143.882

Harmonies

Complementary

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



85, 15.072, 156.959



80, 15.231, 339.082

Rectangle

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



85, 15.072, 156.959



85, 15.072, 206.959



85, 15.072, 336.959



85, 15.072, 26.959

Sweetspot

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



85, 15.074, 156.957



99, 4.800, 157.829



86, 16.785, 124.182



53, 3.414, 157.757



0, 0.000, 0.000



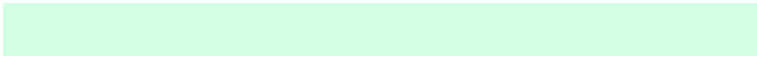
53, 0.007, 296.813

Same Dimension

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



85, 15.074, 156.957



96, 20.506, 156.690



85, 11.029, 188.720



45, 6.048, 157.356



62, 74.025, 144.257



15, 26.910, 148.942

Inverse Universe

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



80, 15.231, 339.082



89, 20.757, 339.333



79, 11.835, 11.021



43, 6.095, 338.701



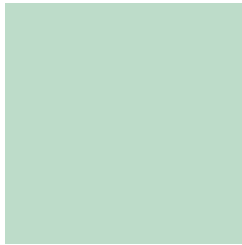
38, 65.892, 351.642



6, 26.534, 346.587

Previews

White Background



This preview shows how the CIELCh color 85, 15.072, 156.959 looks on a white background.

Color Contrast Check

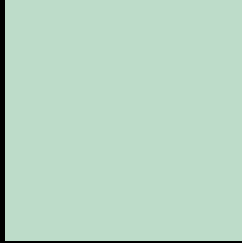
Large Text (above 18pt) WCAG AA × Fail

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, 15.072, 156.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

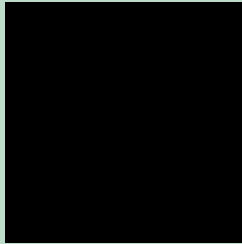
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

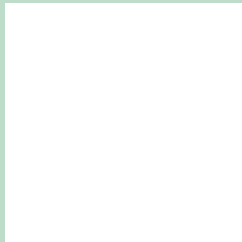
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.072, 156.959

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.072, 156.959.

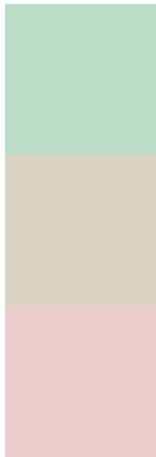


This preview shows how white text looks on a background with the CIELCh color 85, 15.072, 156.959.

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, 15.072, 156.959

Protanopia
85, 8.398, 88.603

Deuteranopia
85, 11.216, 22.865



Tritanopia
85, 11.291, 251.702

Trichromacy



Original Color
85, 15.072, 156.959

Protanomaly
85, 8.690, 124.220

Deuteranomaly
85, 4.694, 70.832

Tritanomaly
85, 8.878, 212.630

Monochromacy



Original Color
85, 15.072, 156.959

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.459, 156.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.072, 156.959 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(189, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 220, 201)  
}
```

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(189, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 220, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.072, 156.959 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(189, 220, 201) }
```

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

```
.border{ border-color:rgb(189, 220, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 220, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 220,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.072, 156.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 220, 201) }
```

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

```
.background{ background-color: rgb(189,  
220, 201) }
```

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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