

Converting Colors

CIELCh(85, 21.680, 143.508)

Have a look what the booklet for
CIELCh(85, 21.680, 143.508)
contains.

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Color

CIELCh(85, 21.859, 143.499)

Conversions

Conversions Part 1

Format	Color
Hex	BBDDBB
RGB	187, 221, 187
RGB Percent	73%, 87%, 73%
CMY	0.2659, 0.1325, 0.2659
CMYK	0.15, 0.00, 0.15, 0.13
HSL	120°, 33%, 80%
HSV	120°, 15%, 87%
XYZ	55.4436, 66.0070, 56.9433
YIQ	206.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

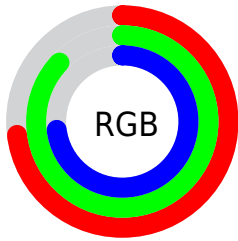
Format	Color
RYB	187, 221, 221
Decimal	12311995
CIELab	85.00, -17.57, 13.00
CIElCh	85, 21.859, 143.499
Yxy	66.0070, 0.3108, 0.3700
Android (android.graphics.Color)	4290502075 (0xFFBBDDBB)
YUV	206.9580, -9.8393, -17.5032
Hunter-Lab	81.2447, -20.3650, 15.3157

Details

The CIELCh color **85, 21.859, 143.499** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **80, 21.882, 325.272**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.455, 144.214**, and **65, 21.951, 144.005** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.143, 142.733**, and if you desaturate by 10%, it is **87, 7.591, 144.171**.

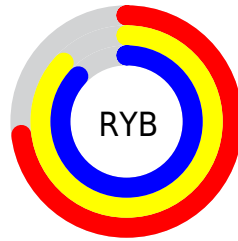
Distribution



Red (73%)

Green (87%)

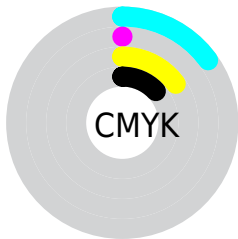
Blue (73%)



Red (73%)

Yellow (87%)

Blue (87%)

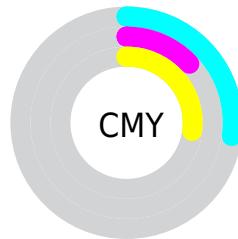


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (27%)


Magenta (13%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.859, 143.499 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, 21.859, 143.499 by changing the saturation by 10% instead.

 85, 21.859,
143.499

 85, 21.859,
143.499

 100, 21.859,
143.499

 75, 21.859,
143.499

 65, 21.859,
143.499

 55, 21.859,
143.499

 45, 21.859,
143.499

 35, 21.859,
143.499


 25, 21.859,
143.499

 15, 21.859,


143.499

 5, 21.859, 143.499

 0, 21.859, 143.499

 85, 21.859,
143.499


 85, 21.859,
143.499


 83, 36.143,
142.733


 87, 7.591, 144.171


 82, 50.195,
141.846

 89, 6.491, 324.640

 80, 63.698,
140.839

 92, 20.267,
325.131

 79, 76.247,
139.734

 92, 21.149,
325.160

 78, 87.350,

138.593

■ 78, 96.440,
137.522

■ 77, 102.957,
136.669

■ 77, 106.574,
136.162

■ 77, 107.583,
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, 21.859, 143.499



80, 21.882, 325.272

Rectangle

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



85, 21.859, 143.499



85, 21.859, 193.499



85, 21.859, 323.499



85, 21.859, 13.499

Sweetspot

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



85, 21.861, 143.499



99, 7.923, 144.194



87, 17.373, 108.001



53, 5.409, 144.146



0, 0.000, 0.000



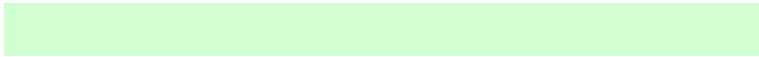
53, 0.007, 296.813

Same Dimension

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



85, 21.861, 143.499



96, 28.751, 143.298



85, 15.371, 161.481



45, 7.989, 143.906



62, 89.703, 136.016



15, 33.724, 140.234

Inverse Universe

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



80, 21.882, 325.272



89, 28.774, 325.426



79, 15.651, 344.041



43, 8.001, 324.937



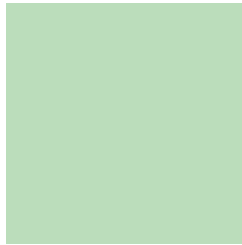
41, 86.549, 328.231



7, 34.556, 328.172

Previews

White Background



This preview shows how the CIELCh color 85, 21.859, 143.499 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, 21.859, 143.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

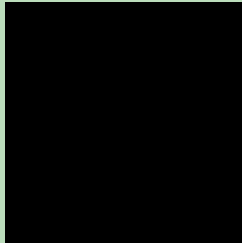
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

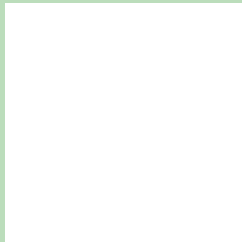
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 21.859, 143.499

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.859, 143.499.



This preview shows how white text looks on a background with the CIELCh color 85, 21.859, 143.499.

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, 21.859, 143.499

Protanopia
85, 15.758, 93.302

Deuteranopia
85, 15.447, 46.305



Tritanopia
85, 11.093, 253.063

Trichromacy



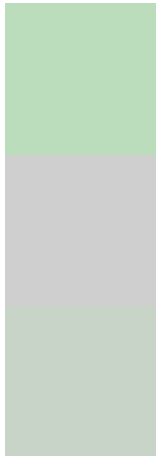
Original Color
85, 21.859, 143.499

Protanomaly
85, 16.372, 116.754

Deuteranomaly
85, 11.275, 87.571

Tritanomaly
85, 8.792, 195.401

Monochromacy



Original Color
85, 21.859, 143.499

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 7.726, 144.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.859, 143.499 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(187, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 187)  
}
```

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(187, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.859, 143.499 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(187, 221, 187) }
```

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

```
.border{ border-color:rgb(187, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.859, 143.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 187) }
```

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

```
.background{ background-color: rgb(187,  
221, 187) }
```

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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