

Converting Colors

CIELCh(85, 19.615, 143.210)

Have a look what the booklet for
CIELCh(85, 19.615, 143.210)
contains.

CIELCh(85, 19.289, 143.622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 19.289, 143.622)

Conversions

Conversions Part 1

Format	Color
Hex	BEDCBE
RGB	190, 220, 190
RGB Percent	75%, 86%, 75%
CMY	0.2540, 0.1364, 0.2540
CMYK	0.14, 0.00, 0.14, 0.14
HSL	120°, 30%, 80%
HSV	120°, 14%, 86%
XYZ	56.2603, 66.0070, 58.6155
YIQ	207.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

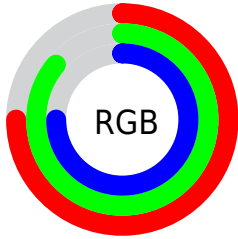
Format	Color
RYB	190, 220, 220
Decimal	12508350
CIELab	85.00, -15.53, 11.44
CIELCh	85, 19.289, 143.622
Yxy	66.0070, 0.3110, 0.3649
Android (android.graphics.Color)	4290698430 (0xFFBEDCBE)
YUV	207.6100, -8.6817, -15.4440
Hunter-Lab	81.2447, -18.5707, 14.0955

Details

The CIELCh color $85, 19.289, 143.622$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $80, 19.312, 325.174$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.388, 141.278$, and $65, 19.244, 144.289$ is the 20% darker color. If you saturate the color by 10%, you get $83, 33.535, 142.876$, and if you desaturate by 10%, it is $87, 5.094, 144.292$.

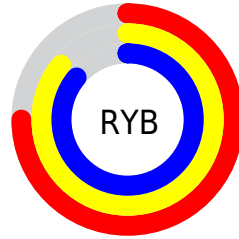
Distribution



Red (75%)

Green (86%)

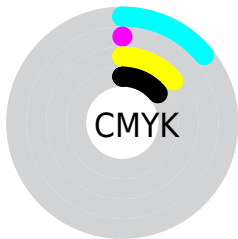
Blue (75%)



Red (75%)

Yellow (86%)

Blue (86%)

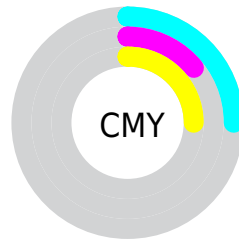


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (25%)


Magenta (14%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.289, 143.622 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, 19.289, 143.622 by changing the saturation by 10% instead.


 85, 19.289,
143.622


 85, 19.289,
143.622


 100, 19.289,
143.622


 75, 19.289,
143.622

 65, 19.289,
143.622

 55, 19.289,
143.622

 45, 19.289,
143.622

 35, 19.289,
143.622


 25, 19.289,
143.622


 15, 19.289,


143.622

 5, 19.289, 143.622


 0, 19.289, 143.622

 85, 19.289,
143.622


 85, 19.289,
143.622


 83, 33.535,
142.876


 87, 5.094, 144.292

 82, 47.598,
142.011

 89, 8.891, 324.738

 92, 21.766,
325.182

 80, 61.175,
141.024

 79, 73.879,
139.934

 78, 85.236,

138.793

■ 78, 94.690,
137.700

■ 77, 101.672,
136.797

■ 77, 105.790,
136.223

■ 77, 107.225,
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, 19.289, 143.622



80, 19.312, 325.174

Rectangle

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



85, 19.289, 143.622



85, 19.289, 193.622



85, 19.289, 323.622



85, 19.289, 13.622

Sweetspot

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



85, 19.291, 143.622



99, 6.331, 144.263



87, 15.349, 108.174



53, 4.503, 144.210



0, 0.000, 0.000



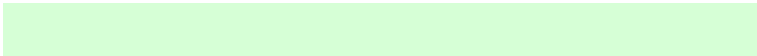
53, 0.007, 296.813

Same Dimension

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



85, 19.291, 143.622



96, 25.539, 143.446



85, 13.576, 161.645



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, 19.312, 325.174



90, 25.563, 325.314



80, 13.797, 343.879



43, 8.001, 324.937



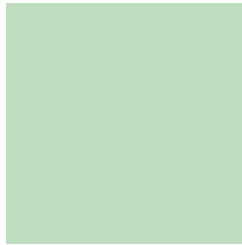
41, 86.549, 328.231



7, 34.556, 328.172

Previews

White Background



This preview shows how the CIELCh color 85, 19.289, 143.622 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, 19.289, 143.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

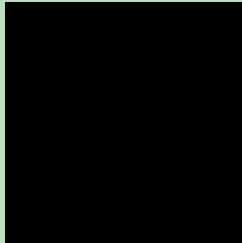
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

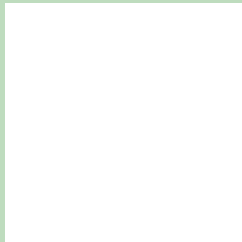
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.289, 143.622

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.289, 143.622.



This preview shows how white text looks on a background with the CIELCh color 85, 19.289, 143.622.

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, 19.289, 143.622

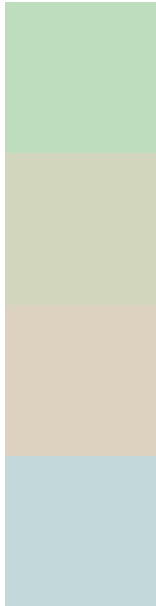
Protanopia
85, 13.745, 91.255

Deuteranopia
85, 14.596, 43.417



Tritanopia
85, 10.544, 257.472

Trichromacy



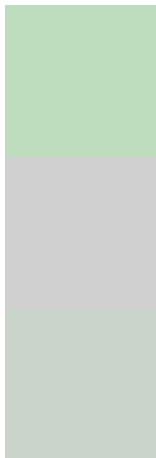
Original Color
85, 19.289, 143.622

Protanomaly
85, 13.696, 115.314

Deuteranomaly
85, 10.301, 85.576

Tritanomaly
85, 7.389, 198.955

Monochromacy



Original Color
85, 19.289, 143.622

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 6.432, 144.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.289, 143.622 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(190, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 220, 190)  
}
```

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(190, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 220, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.289, 143.622 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(190, 220, 190) }
```

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

```
.border{ border-color:rgb(190, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 220,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.289, 143.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 220, 190) }
```

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

```
.background{ background-color: rgb(190,  
220, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor