

Converting Colors

CIELCh(89, 31.683, 142.942)

Have a look what the booklet for
CIELCh(89, 31.683, 142.942)
contains.

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Color

CIELCh(89, 31.595, 142.570)

Conversions

Conversions Part 1

Format	Color
Hex	BBECBA
RGB	187, 236, 186
RGB Percent	73%, 93%, 73%
CMY	0.2663, 0.0742, 0.2703
CMYK	0.21, 0.00, 0.21, 0.07
HSL	119°, 57%, 83%
HSV	119°, 21%, 93%
XYZ	59.4055, 74.1641, 57.6843
YIQ	215.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

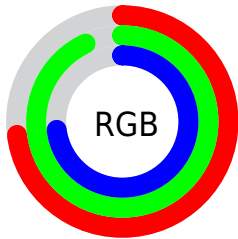
Format	Color
RYB	186, 236, 235
Decimal	12315834
CIELab	89.00, -25.09, 19.20
CIELCh	89, 31.595, 142.570
Yxy	74.1641, 0.3106, 0.3878
Android (android.graphics.Color)	4290505914 (0xFFBBECBA)
YUV	215.6490, -14.6170, -25.1252
Hunter-Lab	86.1186, -27.5764, 20.5692

Details

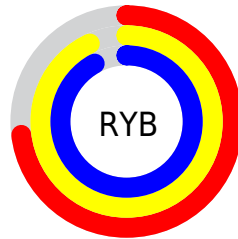
The CIELCh color **89, 31.595, 142.570** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 31.640, 325.038**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.693, 139.966**, and **69, 31.452, 142.702** is the 20% darker color. If you saturate the color by 10%, you get **87, 46.458, 141.758**, and if you desaturate by 10%, it is **91, 16.616, 143.273**.

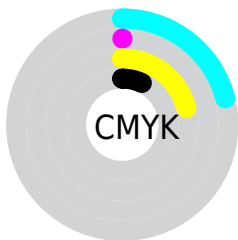
Distribution



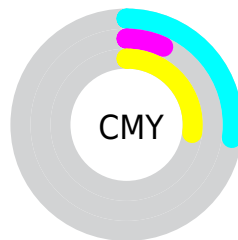
- Red (73%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 31.595, 142.570 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 89, 31.595, 142.570 by changing the saturation by 10% instead.


 89, 31.595,
142.570


 89, 31.595,
142.570


 100, 31.595,
142.570


 79, 31.595,
142.570

 69, 31.595,
142.570

 59, 31.595,
142.570

 49, 31.595,
142.570

 39, 31.595,
142.570


 29, 31.595,
142.570


 19, 31.595,


142.570


 9, 31.595, 142.570


 0, 31.595, 142.570

 89, 31.595,
142.570


 89, 31.595,
142.570


 87, 46.458,
141.758


 91, 16.616,
143.273

 86, 60.905,
140.830

 93, 1.734, 144.012

 85, 74.558,
139.801

 95, 11.798,
324.825

 84, 86.940,
138.717

 83, 97.481,

137.665

■ 82, 105.559,
136.782

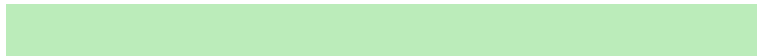
■ 82, 110.677,
136.209

■ 82, 112.899,
135.955

Harmonies

Complementary

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



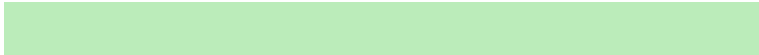
89, 31.595, 142.570



81, 31.640, 325.038

Rectangle

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



89, 31.595, 142.570



89, 31.595, 192.570



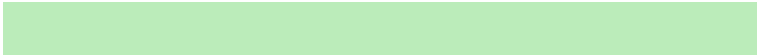
89, 31.595, 322.570



89, 31.595, 12.570

Sweetspot

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



89, 31.597, 142.570



99, 9.455, 143.605



92, 24.783, 106.699



52, 6.275, 143.563



0, 0.000, 0.000



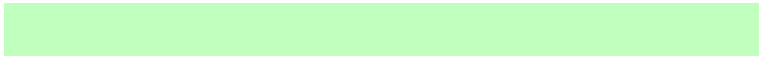
53, 0.007, 296.813

Same Dimension

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



89, 31.597, 142.570



95, 39.705, 142.265



89, 22.581, 160.068



48, 8.390, 143.385



64, 92.512, 135.931



18, 38.058, 137.948

Inverse Universe

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



81, 31.640, 325.038



85, 39.754, 325.246



81, 23.097, 343.705



46, 8.405, 324.398



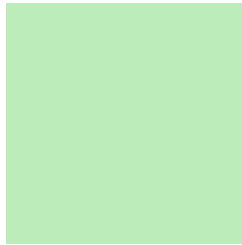
42, 89.442, 327.445



9, 38.295, 327.560

Previews

White Background



This preview shows how the CIELCh color 89, 31.595, 142.570 looks on a white background.

Color Contrast Check

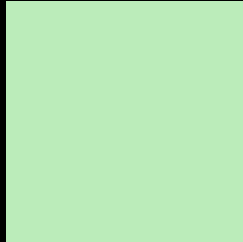
Large Text (above 18pt) WCAG AA × Fail

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 89, 31.595, 142.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

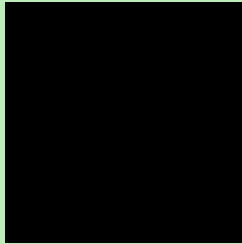
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

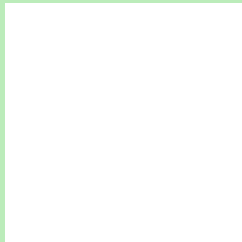
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 31.595, 142.570

Background



This preview shows how black text looks on a background with the CIELCh color 89, 31.595, 142.570.

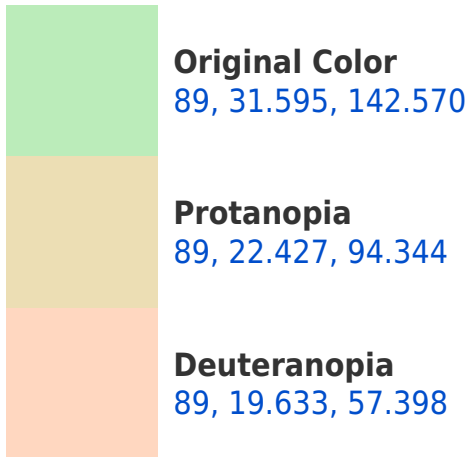


This preview shows how white text looks on a background with the CIELCh color 89, 31.595, 142.570.

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



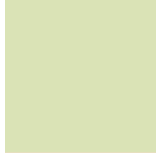


Tritanopia
89, 13.721, 242.227

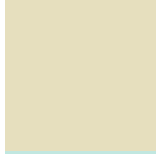
Trichromacy



Original Color
89, 31.595, 142.570



Protanomaly
89, 23.504, 116.635



Deuteranomaly
89, 17.302, 99.896

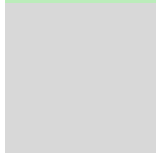


Tritanomaly
89, 13.711, 183.033

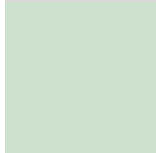
Monochromacy



Original Color
89, 31.595, 142.570



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 11.503, 143.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 31.595, 142.570 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, 236, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 236, 186)  
}
```

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, 236, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 236, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 31.595, 142.570 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, 236, 186) }
```

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

```
.border{ border-color:rgb(187, 236, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 236, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 236, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 236, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 236,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 31.595, 142.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 236, 186) }
```

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

```
.background{ background-color: rgb(187,  
236, 186) }
```

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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