

Converting Colors

CIELCh(90, 29.457, 135.005)

Have a look what the booklet for
CIELCh(90, 29.457, 135.005)
contains.

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Color

CIELCh(90, 29.538, 134.926)

Conversions

Conversions Part 1

Format	Color
Hex	C9EDBA
RGB	201, 237, 186
RGB Percent	79%, 93%, 73%
CMY	0.2129, 0.0718, 0.2717
CMYK	0.15, 0.00, 0.22, 0.07
HSL	102°, 58%, 83%
HSV	102°, 22%, 93%
XYZ	63.0374, 76.3034, 57.6991
YIQ	220.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

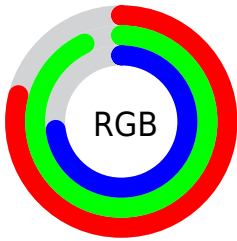
Format	Color
RYB	186, 237, 222
Decimal	13233594
CIELab	90.00, -20.86, 20.91
CIELCh	90, 29.538, 134.926
Yxy	76.3034, 0.3199, 0.3872
Android (android.graphics.Color)	4291423674 (0xFFC9EDBA)
YUV	220.4220, -16.9700, -17.0331
Hunter-Lab	87.3518, -24.0511, 21.9830

Details

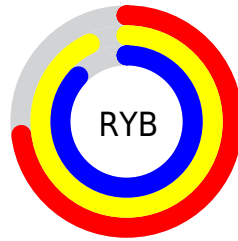
The CIELCh color **90, 29.538, 134.926** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 30.014, 316.841**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **70, 29.447, 135.391** is the 20% darker color. If you saturate the color by 10%, you get **89, 43.209, 134.385**, and if you desaturate by 10%, it is **92, 15.787, 135.428**.

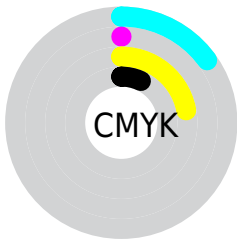
Distribution



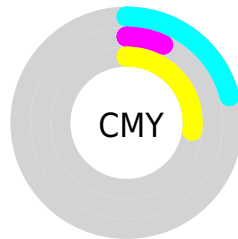
- Red (79%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)





- Cyan (21%)
- Magenta (7%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 29.538, 134.926 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 90, 29.538, 134.926 by changing the saturation by 10% instead.


 90, 29.538,
134.926


 90, 29.538,
134.926


 100, 29.538,
134.926


 80, 29.538,
134.926

 70, 29.538,
134.926

 60, 29.538,
134.926


 50, 29.538,
134.926

 40, 29.538,
134.926


 30, 29.538,
134.926


 20, 29.538,

134.926


 10, 29.538,
134.926


 0, 29.538, 134.926

 90, 29.538,
134.926


 90, 29.538,
134.926


 89, 43.209,
134.385


 92, 15.787,
135.428


 87, 56.602,
133.818

 93, 2.090, 135.957

 86, 69.448,
133.260

 95, 10.665,
318.272

 85, 81.373,
132.773

 96, 11.414,
324.811

■ 84, 91.879,
132.457

■ 84, 100.371,
132.440

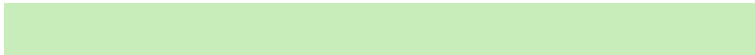
■ 83, 106.324,
132.840

■ 83, 109.469,
133.453

Harmonies

Complementary

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



90, 29.538, 134.926



80, 30.014, 316.841

Rectangle

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



90, 29.538, 134.926



90, 29.538, 184.926



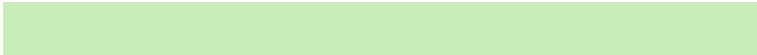
90, 29.538, 314.926



90, 29.538, 4.926

Sweetspot

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



90, 29.540, 134.927



99, 8.692, 135.691



89, 19.429, 90.990



53, 5.768, 135.660



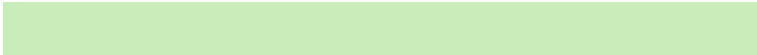
0, 0.000, 0.000



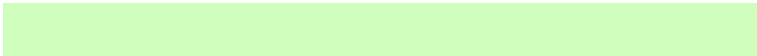
53, 0.007, 296.813

Same Dimension

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



90, 29.540, 134.927



95, 37.873, 134.685



89, 28.154, 148.992



48, 7.707, 135.528



65, 89.319, 133.240



19, 35.779, 133.116

Inverse Universe

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



80, 30.014, 316.841



83, 38.606, 317.043



81, 28.270, 331.893



46, 7.769, 316.304



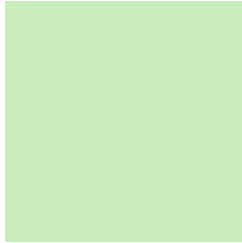
34, 92.488, 317.566



6, 38.508, 318.551

Previews

White Background



This preview shows how the CIELCh color 90, 29.538, 134.926 looks on a white background.

Color Contrast Check

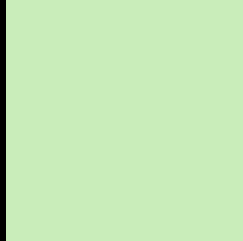
Large Text (above 18pt) WCAG AA × Fail

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 90, 29.538, 134.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

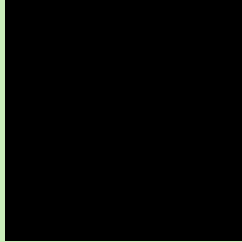
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

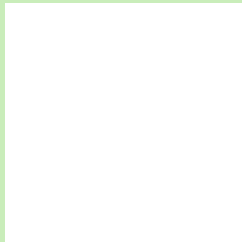
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 29.538, 134.926

Background



This preview shows how black text looks on a background with the CIELCh color 90, 29.538, 134.926.

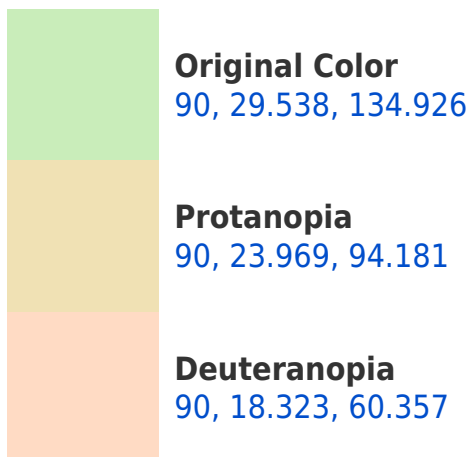


This preview shows how white text looks on a background with the CIELCh color 90, 29.538, 134.926.

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



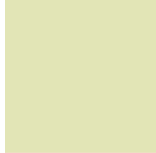


Tritanopia
90, 11.462, 258.987

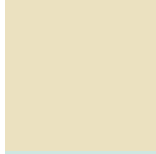
Trichromacy



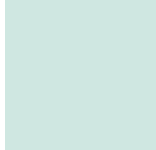
Original Color
90, 29.538, 134.926



Protanomaly
90, 24.236, 110.901



Deuteranomaly
90, 17.485, 96.196

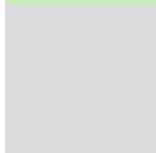


Tritanomaly
90, 9.030, 178.621

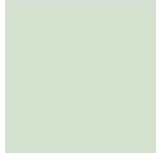
Monochromacy



Original Color
90, 29.538, 134.926



Achromatopsia
88, 0.010, 296.813



Achromatomaly
88, 10.523, 136.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 29.538, 134.926 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(201, 237, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 237, 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(201, 237, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 237, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 29.538, 134.926 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(201, 237, 186) }
```

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

```
.border{ border-color:rgb(201, 237, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 237, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 237, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 237, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 237,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 29.538, 134.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 237, 186) }
```

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

```
.background{ background-color: rgb(201,  
237, 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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