

Converting Colors

CIELCh(87, 29.921, 139.372)

Have a look what the booklet for
CIELCh(87, 29.921, 139.372)
contains.

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Color

CIELCh(87, 29.929, 139.347)

Conversions

Conversions Part 1

Format	Color
Hex	BBE5B4
RGB	187, 229, 180
RGB Percent	73%, 90%, 71%
CMY	0.2661, 0.1013, 0.2935
CMYK	0.18, 0.00, 0.21, 0.10
HSL	111°, 49%, 80%
HSV	111°, 21%, 90%
XYZ	56.8430, 70.0064, 53.7735
YIQ	210.8560, -9.3030, -24.1430

Conversions

Conversions Part 2

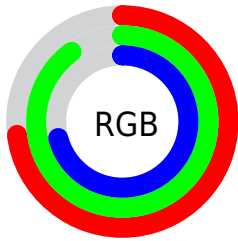
Format	Color
RYB	180, 229, 222
Decimal	12314036
CIELab	87.00, -22.71, 19.50
CIELCh	87, 29.929, 139.347
Yxy	70.0064, 0.3147, 0.3876
Android (android.graphics.Color)	4290504116 (0xFFBBE5B4)
YUV	210.8560, -15.2120, -20.9217
Hunter-Lab	83.6698, -25.1542, 20.4640

Details

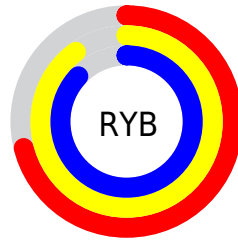
The CIELCh color **87, 29.929, 139.347** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 30.142, 321.485**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.441, 131.478**, and **67, 29.732, 139.377** is the 20% darker color. If you saturate the color by 10%, you get **85, 43.897, 138.683**, and if you desaturate by 10%, it is **89, 15.880, 139.938**.

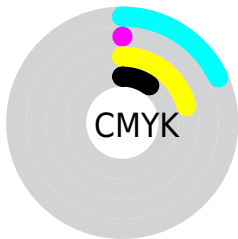
Distribution



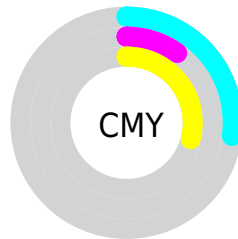
- Red (73%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 29.929, 139.347 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 87, 29.929, 139.347 by changing the saturation by 10% instead.


 87, 29.929,
139.347

 87, 29.929,
139.347


 100, 29.929,
139.347


 77, 29.929,
139.347

 67, 29.929,
139.347

 57, 29.929,
139.347

 47, 29.929,
139.347

 37, 29.929,
139.347


 27, 29.929,
139.347

 17, 29.929,


139.347


 7, 29.929, 139.347

 0, 29.929, 139.347

 87, 29.929,
139.347


 87, 29.929,
139.347


 85, 43.897,
138.683


 89, 15.880,
139.938


 84, 57.544,
137.947


 91, 1.914, 140.557

 83, 70.563,
137.167

 93, 11.848,
320.840

 82, 82.540,
136.394

 94, 16.150,
324.983

 81, 92.951,

135.722

■ 81, 101.193,
135.276

■ 80, 106.741,
135.182

■ 80, 109.456,
135.333

Harmonies

Complementary

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



87, 29.929, 139.347



78, 30.142, 321.485

Rectangle

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



87, 29.929, 139.347



87, 29.929, 189.347



87, 29.929, 319.347



87, 29.929, 9.347

Sweetspot

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



87, 29.931, 139.348



99, 9.092, 140.232



88, 21.768, 100.873



53, 6.034, 140.196



0, 0.000, 0.000



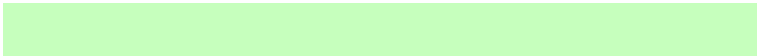
53, 0.007, 296.813

Same Dimension

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



87, 29.931, 139.348



95, 39.691, 139.040



87, 24.333, 154.691



47, 7.921, 140.045



64, 90.658, 135.217



18, 35.528, 136.367

Inverse Universe

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



78, 30.142, 321.485



83, 40.018, 321.707



79, 24.624, 337.973



45, 7.955, 320.914



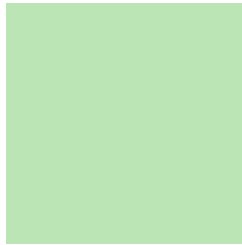
38, 89.429, 322.772



7, 37.208, 323.493

Previews

White Background



This preview shows how the CIE LCh color 87, 29.929, 139.347 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 87, 29.929, 139.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

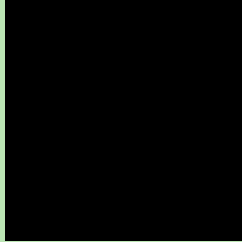
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

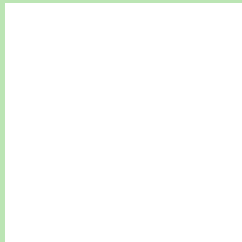
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 29.929, 139.347

Background



This preview shows how black text looks on a background with the CIELCh color 87, 29.929, 139.347.

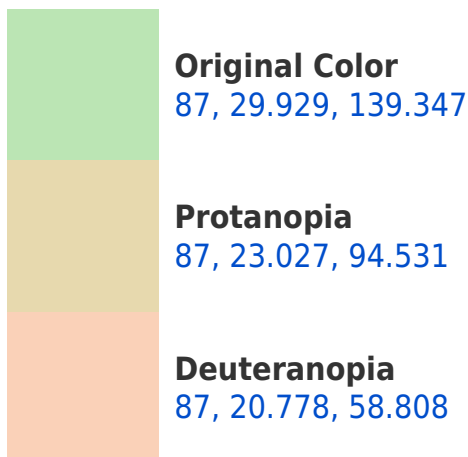


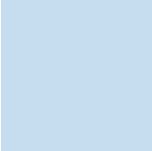
This preview shows how white text looks on a background with the CIELCh color 87, 29.929, 139.347.

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



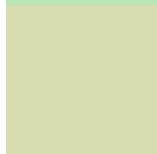


Tritanopia
87, 12.240, 249.619

Trichromacy



Original Color
87, 29.929, 139.347



Protanomaly
87, 23.463, 113.842



Deuteranomaly
86, 17.709, 94.891

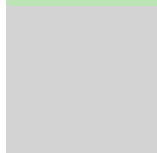


Tritanomaly
87, 11.351, 182.553

Monochromacy



Original Color
87, 29.929, 139.347



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 11.147, 141.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 29.929, 139.347 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, 229, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 229, 180)  
}
```

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, 229, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 229, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 29.929, 139.347 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, 229, 180) }
```

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

```
.border{ border-color:rgb(187, 229, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 229, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 229, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 229, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 229,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 29.929, 139.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 229, 180) }
```

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

```
.background{ background-color: rgb(187,  
229, 180) }
```

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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