

Converting Colors

CIELCh(87, 27.198, 138.472)

Have a look what the booklet for
CIELCh(87, 27.198, 138.472)
contains.

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Color

CIELCh(87, 27.198, 138.472)

Conversions

Conversions Part 1

Format	Color
Hex	BFE4B7
RGB	191, 228, 183
RGB Percent	75%, 89%, 72%
CMY	0.2508, 0.1057, 0.2822
CMYK	0.16, 0.00, 0.20, 0.11
HSL	109°, 45%, 81%
HSV	109°, 20%, 89%
XYZ	57.7975, 70.0064, 55.2835
YIQ	211.8070, -7.6070, -21.8390

Conversions

Conversions Part 2

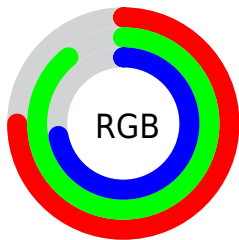
Format	Color
RYB	183, 228, 220
Decimal	12575927
CIELab	87.00, -20.36, 18.03
CIELCh	87, 27.198, 138.472
Yxy	70.0064, 0.3157, 0.3824
Android (android.graphics.Color)	4290766007 (0xFFBFE4B7)
YUV	211.8070, -14.2019, -18.2477
Hunter-Lab	83.6698, -23.1178, 19.3939

Details

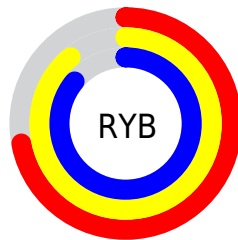
The CIELCh color **87, 27.198, 138.472** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 27.427, 320.359**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.507, 126.575**, and **67, 26.865, 138.529** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.986, 137.854**, and if you desaturate by 10%, it is **89, 13.364, 139.027**.

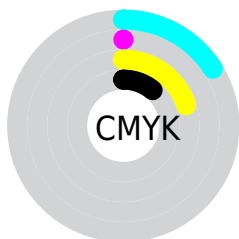
Distribution



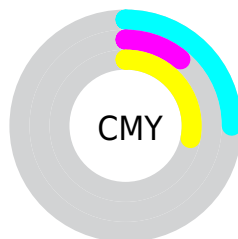
- Red (75%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.198, 138.472 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, 27.198, 138.472 by changing the saturation by 10% instead.

■ 87, 27.198,
138.472

■ 87, 27.198,
138.472

■ 100, 27.198,
138.472

■ 77, 27.198,
138.472

■ 67, 27.198,
138.472

■ 57, 27.198,
138.472

■ 47, 27.198,
138.472

■ 37, 27.198,
138.472


■ 27, 27.198,
138.472

■ 17, 27.198,


138.472


 7, 27.198, 138.472


 0, 27.198, 138.472

 87, 27.198,
138.472


 87, 27.198,
138.472


 85, 40.986,
137.854

 89, 13.364,
139.027


 84, 54.513,
137.173

 91, 0.371, 318.846

 83, 67.501,
136.455

 93, 13.899,
319.875

 82, 79.571,
135.749

 93, 16.852,
325.008

 81, 90.231,

135.142

■ 80, 98.892,
134.756

■ 80, 104.999,
134.718

■ 80, 108.515,
135.010

■ 80, 108.592,
135.016

Harmonies

Complementary

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



87, 27.198, 138.472



79, 27.427, 320.359

Rectangle

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



87, 27.198, 138.472



87, 27.198, 188.472



87, 27.198, 318.472



87, 27.198, 8.472

Sweetspot

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



87, 27.200, 138.473



99, 8.995, 139.221



87, 19.346, 99.131



53, 5.969, 139.187



0, 0.000, 0.000



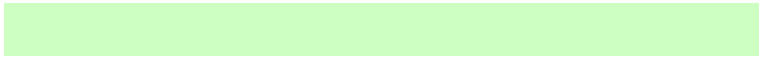
53, 0.007, 296.813

Same Dimension

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



87, 27.200, 138.473



95, 36.235, 138.208



87, 22.937, 153.468



47, 7.836, 139.042



64, 90.253, 134.880



18, 35.251, 135.762

Inverse Universe

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



79, 27.427, 320.359



84, 36.594, 320.561



79, 23.146, 336.371



45, 7.875, 319.880



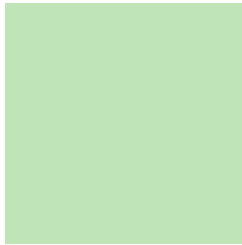
37, 89.826, 321.508



7, 37.152, 322.319

Previews

White Background



This preview shows how the CIELCh color 87, 27.198, 138.472 looks on a white background.

Color Contrast Check

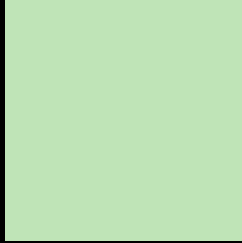
Large Text (above 18pt) WCAG AA × Fail

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, 27.198, 138.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

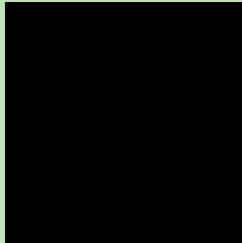
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

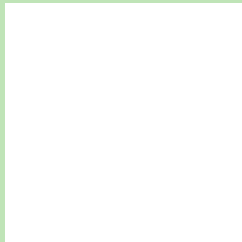
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 27.198, 138.472

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.198, 138.472.

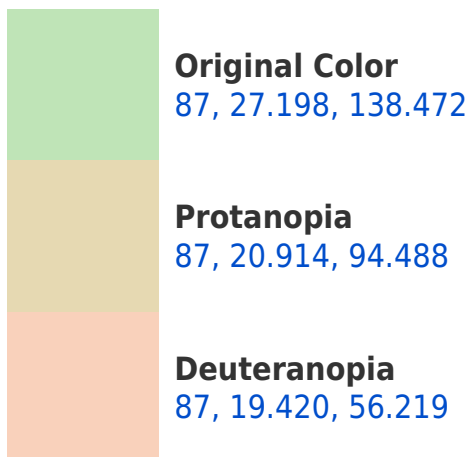


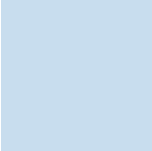
This preview shows how white text looks on a background with the CIELCh color 87, 27.198, 138.472.

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](#).

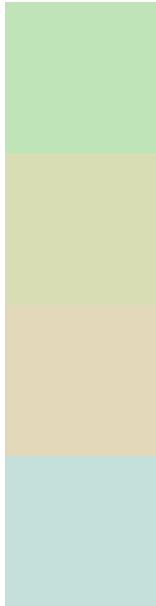
Dichromacy





Tritanopia
87, 11.242, 251.644

Trichromacy



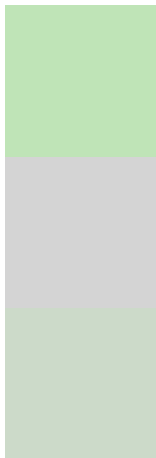
Original Color
87, 27.198, 138.472

Protanomaly
87, 21.374, 113.510

Deuteranomaly
87, 16.297, 92.465

Tritanomaly
87, 10.052, 180.526

Monochromacy



Original Color
87, 27.198, 138.472

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 10.312, 139.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.198, 138.472 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(191, 228, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 228, 183)  
}
```

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(191, 228, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 228, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.198, 138.472 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(191, 228, 183) }
```

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

```
.border{ border-color:rgb(191, 228, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 228, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 228, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 228, 183); box-shadow:4px 4px 4px 4px rgb(191, 228, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.198, 138.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 228, 183) }
```

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

```
.background{ background-color: rgb(191,  
228, 183) }
```

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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