

Converting Colors

CIELCh(87, 28.897, 142.874)

Have a look what the booklet for
CIELCh(87, 28.897, 142.874)
contains.

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Color

CIELCh(87, 28.569, 142.631)

Conversions

Conversions Part 1

Format	Color
Hex	B9E5B8
RGB	185, 229, 184
RGB Percent	73%, 90%, 72%
CMY	0.2735, 0.1009, 0.2774
CMYK	0.19, 0.00, 0.20, 0.10
HSL	119°, 47%, 81%
HSV	119°, 20%, 90%
XYZ	56.8435, 70.0064, 56.0060
YIQ	210.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

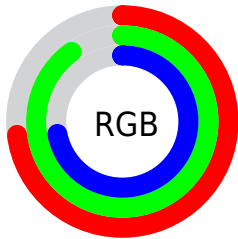
Format	Color
RYB	184, 229, 228
Decimal	12182968
CIELab	87.00, -22.71, 17.34
CIElCh	87, 28.569, 142.631
Yxy	70.0064, 0.3109, 0.3829
Android (android.graphics.Color)	4290373048 (0xFFB9E5B8)
YUV	210.7140, -13.1700, -22.5512
Hunter-Lab	83.6698, -25.1531, 18.8820

Details

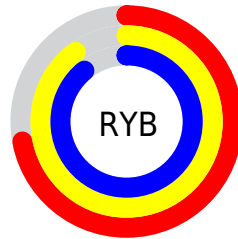
The CIELCh color **87, 28.569, 142.631** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 28.614, 324.889**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.939, 140.509**, and **67, 28.316, 142.855** is the 20% darker color. If you saturate the color by 10%, you get **85, 43.108, 141.841**, and if you desaturate by 10%, it is **89, 13.956, 143.316**.

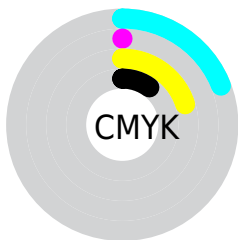
Distribution



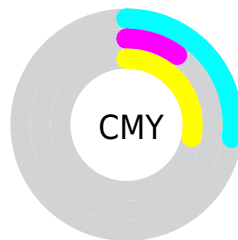
- Red (73%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)





- Cyan (27%)
- Magenta (10%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 28.569, 142.631 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, 28.569, 142.631 by changing the saturation by 10% instead.


 87, 28.569,
142.631

 87, 28.569,
142.631


 100, 28.569,
142.631


 77, 28.569,
142.631

 67, 28.569,
142.631

 57, 28.569,
142.631

 47, 28.569,
142.631

 37, 28.569,
142.631


 27, 28.569,
142.631


 17, 28.569,


142.631


 7, 28.569, 142.631


 0, 28.569, 142.631

 87, 28.569,
142.631


 87, 28.569,
142.631


 85, 43.108,
141.841


 89, 13.956,
143.316


 84, 57.296,
140.937

 91, 0.537, 323.346

 83, 70.778,
139.929

 93, 14.766,
324.334

 82, 83.108,
138.857

 94, 16.076,
324.980

 81, 93.744,

137.801

■ 80, 102.083,
136.889

■ 80, 107.601,
136.266

■ 80, 110.338,
135.957

■ 80, 110.417,
135.946

Harmonies

Complementary

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



87, 28.569, 142.631



80, 28.614, 324.889

Rectangle

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



87, 28.569, 142.631



87, 28.569, 192.631



87, 28.569, 322.631



87, 28.569, 12.631

Sweetspot

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



87, 28.571, 142.631



99, 9.448, 143.545



90, 22.444, 106.858



52, 6.271, 143.503



0, 0.000, 0.000



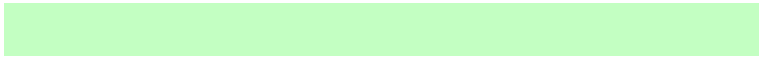
53, 0.007, 296.813

Same Dimension

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



87, 28.571, 142.631



95, 38.090, 142.289



87, 20.449, 160.223



47, 8.233, 143.327



63, 91.529, 135.920



17, 36.559, 138.449

Inverse Universe

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



80, 28.614, 324.889



85, 38.142, 325.129



79, 20.882, 343.554



45, 8.249, 324.334



42, 88.515, 327.357



8, 37.138, 327.491

Previews

White Background



This preview shows how the CIELCh color 87, 28.569, 142.631 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, 28.569, 142.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

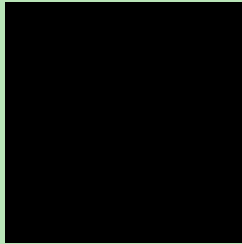
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

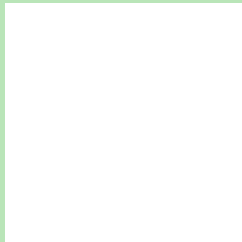
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 28.569, 142.631

Background



This preview shows how black text looks on a background with the CIELCh color 87, 28.569, 142.631.

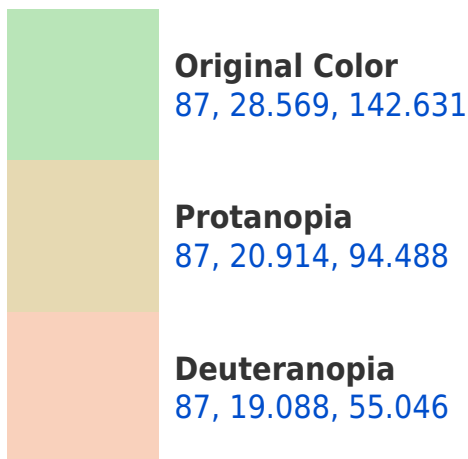


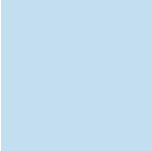
This preview shows how white text looks on a background with the CIELCh color 87, 28.569, 142.631.

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



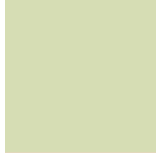


Tritanopia
87, 12.520, 244.465

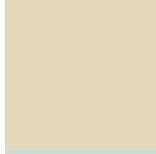
Trichromacy



Original Color
87, 28.569, 142.631



Protanomaly
87, 21.465, 115.528

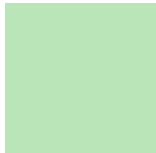


Deuteranomaly
86, 15.589, 94.711

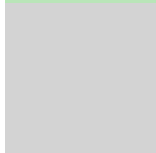


Tritanomaly
87, 12.314, 183.774

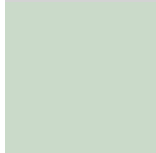
Monochromacy



Original Color
87, 28.569, 142.631



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.701, 142.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 28.569, 142.631 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(185, 229, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 184)  
}
```

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(185, 229, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 28.569, 142.631 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(185, 229, 184) }
```

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

```
.border{ border-color:rgb(185, 229, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 229, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 229, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 229,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 28.569, 142.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 184) }
```

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

```
.background{ background-color: rgb(185,  
229, 184) }
```

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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