

Converting Colors

CIELCh(87, 28.464, 146.242)

Have a look what the booklet for
CIELCh(87, 28.464, 146.242)
contains.

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Color

CIELCh(87, 28.547, 145.997)

Conversions

Conversions Part 1

Format	Color
Hex	B6E6BB
RGB	182, 230, 187
RGB Percent	71%, 90%, 73%
CMY	0.2869, 0.0987, 0.2673
CMYK	0.21, 0.00, 0.19, 0.10
HSL	126°, 49%, 81%
HSV	126°, 21%, 90%
XYZ	56.4555, 70.0064, 57.4604
YIQ	210.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

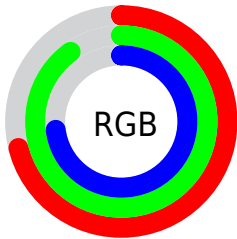
Format	Color
RYB	182, 225, 230
Decimal	11986619
CIELab	87.00, -23.67, 15.96
CIELCh	87, 28.547, 145.997
Yxy	70.0064, 0.3070, 0.3806
Android (android.graphics.Color)	4290176699 (0xFFB6E6BB)
YUV	210.7460, -11.7068, -25.2102
Hunter-Lab	83.6698, -25.9809, 17.8513

Details

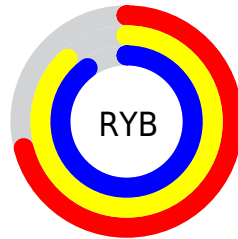
The CIELCh color $87, 28.547, 145.997$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $79, 28.597, 328.614$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.585, 153.634$, and $67, 28.296, 146.367$ is the 20% darker color. If you saturate the color by 10%, you get $85, 42.185, 145.133$, and if you desaturate by 10%, it is $89, 14.820, 146.743$.

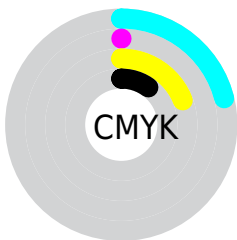
Distribution



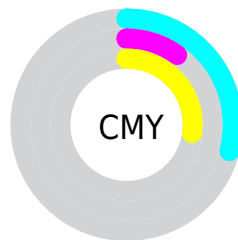
- Red (71%)
- Green (90%)
- Blue (73%)



- Red (71%)
- Yellow (88%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 28.547, 145.997 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, 28.547, 145.997 by changing the saturation by 10% instead.

 87, 28.547,
145.997

 87, 28.547,
145.997


 100, 28.547,
145.997

 77, 28.547,
145.997

 67, 28.547,
145.997

 57, 28.547,
145.997

 47, 28.547,
145.997

 37, 28.547,
145.997


 27, 28.547,
145.997

 17, 28.547,


145.997

 7, 28.547, 145.997


 0, 28.547, 145.997

 87, 28.547,
145.997


 87, 28.547,
145.997


 85, 42.185,
145.133


 89, 14.820,
146.743


 84, 55.483,
144.134

 91, 1.186, 147.615

 83, 68.142,
142.991

 93, 12.216,
327.860

 82, 79.808,
141.718

 94, 15.723,
324.968

 81, 90.090,

140.353

■ 80, 98.578,
138.976

■ 80, 104.892,
137.710

■ 80, 108.607,
136.812

Harmonies

Complementary

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



87, 28.547, 145.997



79, 28.597, 328.614

Rectangle

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



87, 28.547, 145.997



87, 28.547, 195.997



87, 28.547, 325.997



87, 28.547, 15.997

Sweetspot

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



87, 28.549, 145.997



99, 8.856, 147.077



90, 24.777, 112.398



52, 5.878, 147.032



0, 0.000, 0.000



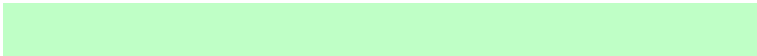
53, 0.007, 296.813

Same Dimension

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



87, 28.549, 145.997



95, 37.191, 145.645



88, 19.718, 167.468



47, 7.717, 146.842



63, 89.514, 136.988



17, 34.865, 140.663

Inverse Universe

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



79, 28.597, 328.614



85, 37.247, 328.869



79, 20.547, 351.438



45, 7.733, 327.925



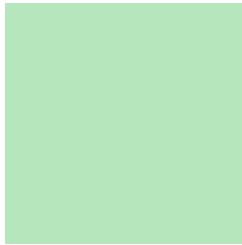
41, 81.504, 332.857



8, 34.634, 332.074

Previews

White Background



This preview shows how the CIELCh color 87, 28.547, 145.997 looks on a white background.

Color Contrast Check

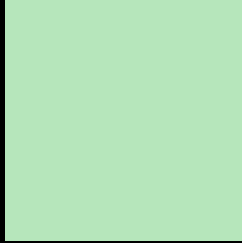
Large Text (above 18pt) WCAG AA × Fail

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 87, 28.547, 145.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

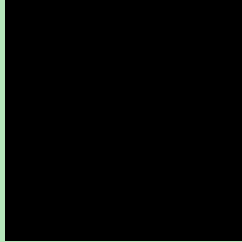
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

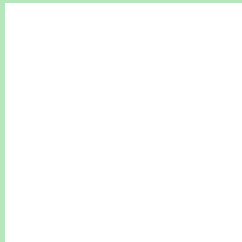
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 28.547, 145.997

Background



This preview shows how black text looks on a background with the CIELCh color 87, 28.547, 145.997.

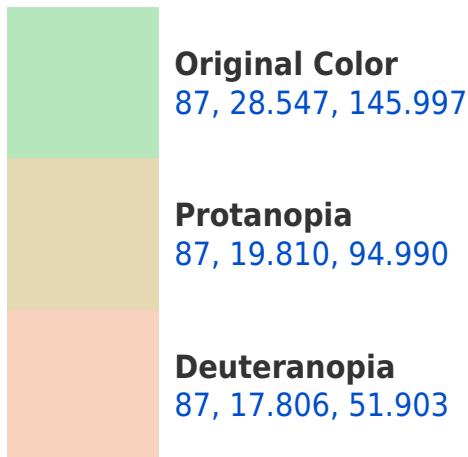


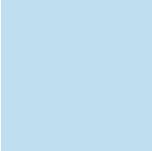
This preview shows how white text looks on a background with the CIELCh color 87, 28.547, 145.997.

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



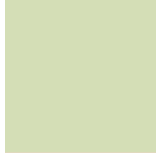


Tritanopia
87, 13.772, 242.292

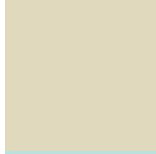
Trichromacy



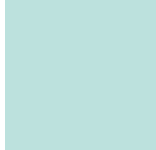
Original Color
87, 28.547, 145.997



Protanomaly
87, 21.127, 118.781

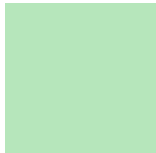


Deuteranomaly
87, 14.824, 98.601

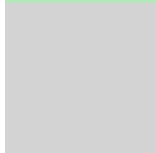


Tritanomaly
87, 13.001, 189.237

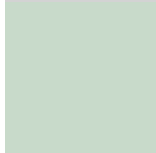
Monochromacy



Original Color
87, 28.547, 145.997



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.699, 147.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 28.547, 145.997 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(182, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 230, 187)  
}
```

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(182, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 230, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 28.547, 145.997 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(182, 230, 187) }
```

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

```
.border{ border-color:rgb(182, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 230, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 230, 187); box-shadow:4px 4px 4px 4px rgb(182, 230, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 28.547, 145.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 230, 187) }
```

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

```
.background{ background-color: rgb(182,  
230, 187) }
```

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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