

Converting Colors

CIELCh(87, 31.108, 145.618)

Have a look what the booklet for
CIELCh(87, 31.108, 145.618)
contains.

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Color

CIELCh(87, 31.083, 145.626)

Conversions

Conversions Part 1

Format	Color
Hex	B3E7B8
RGB	179, 231, 184
RGB Percent	70%, 91%, 72%
CMY	0.2990, 0.0951, 0.2794
CMYK	0.23, 0.00, 0.20, 0.10
HSL	126°, 52%, 80%
HSV	126°, 23%, 90%
XYZ	55.6576, 70.0064, 55.7868
YIQ	210.0940, -15.9050, -25.6410

Conversions

Conversions Part 2

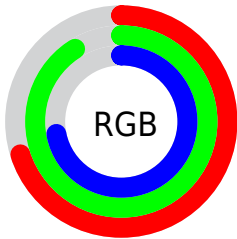
Format	Color
RYB	179, 226, 231
Decimal	11790264
CIELab	87.00, -25.65, 17.55
CIELCh	87, 31.083, 145.626
Yxy	70.0064, 0.3067, 0.3858
Android (android.graphics.Color)	4289980344 (0xFFB3E7B8)
YUV	210.0940, -12.8643, -27.2694
Hunter-Lab	83.6698, -27.6830, 19.0373

Details

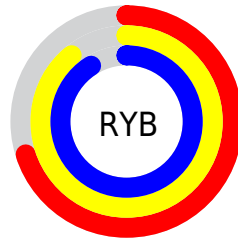
The CIELCh color **87, 31.083, 145.626** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 31.131, 328.463**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.441, 151.847**, and **67, 30.944, 145.862** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.803, 144.743**, and if you desaturate by 10%, it is **89, 17.235, 146.387**.

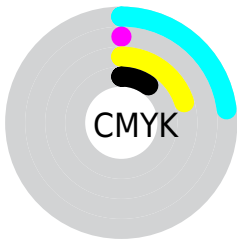
Distribution



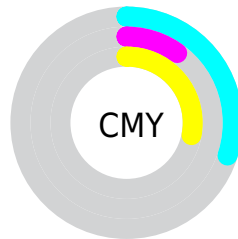
- Red (70%)
- Green (91%)
- Blue (72%)



- Red (70%)
- Yellow (89%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 31.083, 145.626 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, 31.083, 145.626 by changing the saturation by 10% instead.

■ 87, 31.083,
145.626

■ 87, 31.083,
145.626

■ 100, 31.083,
145.626

■ 77, 31.083,
145.626

■ 67, 31.083,
145.626

■ 57, 31.083,
145.626

■ 47, 31.083,
145.626

■ 37, 31.083,
145.626


■ 27, 31.083,
145.626


■ 17, 31.083,

145.626

 7, 31.083, 145.626

 0, 31.083, 145.626

 87, 31.083,
145.626


 87, 31.083,
145.626


 85, 44.803,
144.743

 89, 17.235,
146.387


 84, 58.131,
143.723

 91, 3.454, 147.102

 83, 70.752,
142.563

 93, 10.112,
327.528

 82, 82.295,
141.280

 94, 15.156,
324.947

 81, 92.351,

139.923

■ 81, 100.497,
138.584

■ 80, 106.354,
137.392

■ 80, 109.166,
136.722

Harmonies

Complementary

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



87, 31.083, 145.626



79, 31.131, 328.463

Rectangle

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



87, 31.083, 145.626



87, 31.083, 195.626



87, 31.083, 325.626



87, 31.083, 15.626

Sweetspot

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



87, 31.085, 145.626



98, 10.399, 146.767



90, 26.774, 111.554



52, 6.760, 146.726



0, 0.000, 0.000



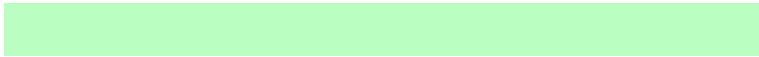
53, 0.007, 296.813

Same Dimension

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



87, 31.085, 145.626



94, 40.385, 145.235



88, 21.579, 166.294



47, 7.761, 146.602



63, 89.724, 136.891



17, 35.008, 140.516

Inverse Universe

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



79, 31.131, 328.463



84, 40.433, 328.737



78, 22.492, 350.581



45, 7.776, 327.680



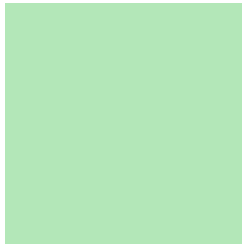
41, 82.014, 332.464



8, 34.817, 331.753

Previews

White Background



This preview shows how the CIELCh color 87, 31.083, 145.626 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, 31.083, 145.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

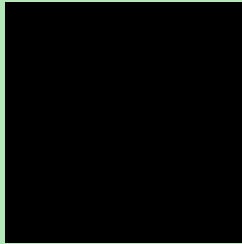
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

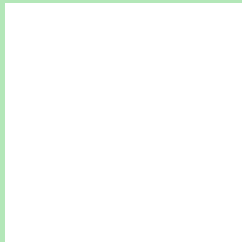
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 31.083, 145.626

Background



This preview shows how black text looks on a background with the CIELCh color 87, 31.083, 145.626.

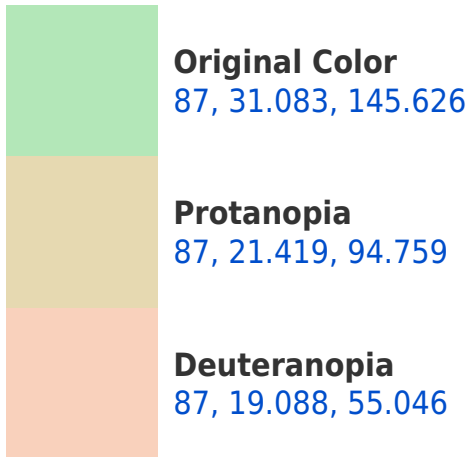


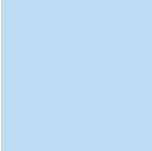
This preview shows how white text looks on a background with the CIELCh color 87, 31.083, 145.626.

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



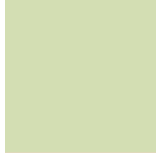


Tritanopia
87, 14.468, 239.668

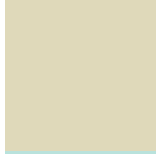
Trichromacy



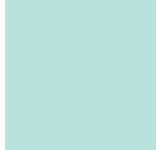
Original Color
87, 31.083, 145.626



Protanomaly
87, 22.721, 118.928

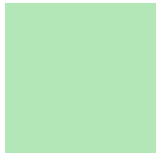


Deuteranomaly
86, 16.306, 100.732

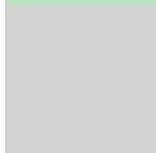


Tritanomaly
87, 14.555, 185.921

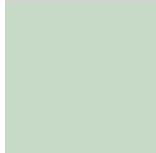
Monochromacy



Original Color
87, 31.083, 145.626



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.768, 145.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 31.083, 145.626 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(179, 231, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 231, 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(179, 231, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 231, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 31.083, 145.626 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(179, 231, 184) }
```

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

```
.border{ border-color:rgb(179, 231, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 231, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 231, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 231, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 231,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 31.083, 145.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 231, 184) }
```

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

```
.background{ background-color: rgb(179,  
231, 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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