

Converting Colors

CIELCh(88, 30.932, 151.483)

Have a look what the booklet for
CIELCh(88, 30.932, 151.483)
contains.

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Color

CIELCh(88, 31.176, 151.634)

Conversions

Conversions Part 1

Format	Color
Hex	AFEBC0
RGB	175, 235, 192
RGB Percent	69%, 92%, 75%
CMY	0.3151, 0.0799, 0.2485
CMYK	0.26, 0.00, 0.18, 0.08
HSL	137°, 60%, 80%
HSV	137°, 26%, 92%
XYZ	56.6747, 72.0653, 60.5838
YIQ	212.1580, -21.9570, -26.0930

Conversions

Conversions Part 2

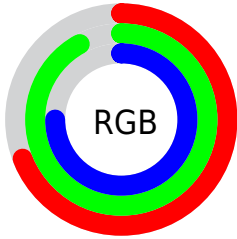
Format	Color
RYB	175, 222, 235
Decimal	11529152
CIELab	88.00, -27.43, 14.81
CIELCh	88, 31.176, 151.634
Yxy	72.0653, 0.2994, 0.3806
Android (android.graphics.Color)	4289719232 (0xFFAFEB0)
YUV	212.1580, -9.9379, -32.5876
Hunter-Lab	84.8913, -29.3904, 17.1108

Details

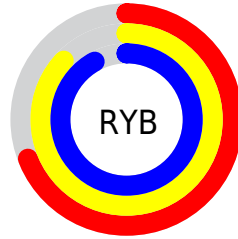
The CIELCh color **88, 31.176, 151.634** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 31.449, 335.419**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.079, 175.727**, and **68, 31.415, 151.387** is the 20% darker color. If you saturate the color by 10%, you get **86, 43.199, 150.627**, and if you desaturate by 10%, it is **90, 18.969, 152.510**.

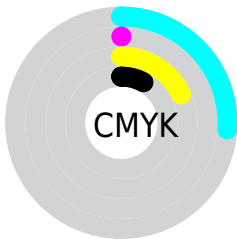
Distribution



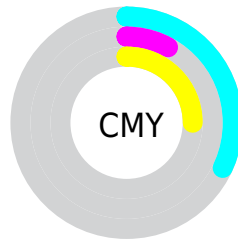
- Red (69%)
- Green (92%)
- Blue (75%)



- Red (69%)
- Yellow (87%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 31.176, 151.634 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 88, 31.176, 151.634 by changing the saturation by 10% instead.


 88, 31.176,
151.634


 88, 31.176,
151.634


 100, 31.176,
151.634


 78, 31.176,
151.634


 68, 31.176,
151.634

 58, 31.176,
151.634


 48, 31.176,
151.634

 38, 31.176,
151.634


 28, 31.176,
151.634


 18, 31.176,

151.634


 8, 31.176, 151.634

 0, 31.176, 151.634

 88, 31.176,
151.634


 88, 31.176,
151.634

 86, 43.199,
150.627


 90, 18.969,
152.510


 85, 54.821,
149.467

 92, 6.749, 153.302

 84, 65.809,
148.134

 94, 5.348, 333.836

 83, 75.920,
146.616

 95, 12.713,
324.859

 82, 84.932,

144.918

■ 82, 92.668,
143.072

■ 82, 99.020,
141.150

■ 82, 101.442,
140.343

Harmonies

Complementary

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



88, 31.176, 151.634



78, 31.449, 335.419

Rectangle

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



88, 31.176, 151.634



88, 31.176, 201.634



88, 31.176, 331.634



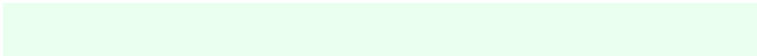
88, 31.176, 21.634

Sweetspot

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



88, 31.178, 151.634



98, 10.393, 153.107



90, 31.427, 119.643



52, 7.393, 152.990



0, 0.000, 0.000



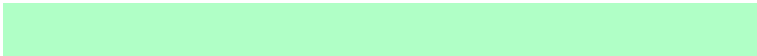
53, 0.007, 296.813

Same Dimension

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



88, 31.178, 151.634



94, 40.377, 151.090



89, 21.578, 179.598



48, 6.903, 152.996



64, 82.884, 140.683



19, 32.739, 144.260

Inverse Universe

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



78, 31.449, 335.419



81, 40.764, 335.853



77, 23.855, 4.745



46, 6.936, 334.231



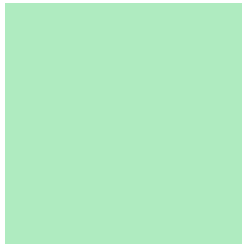
40, 72.171, 343.649



8, 31.793, 340.801

Previews

White Background



This preview shows how the CIELCh color 88, 31.176, 151.634 looks on a white background.

Color Contrast Check

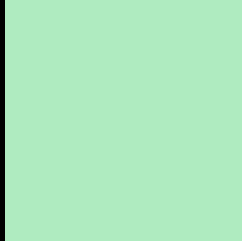
Large Text (above 18pt) WCAG AA × Fail

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 88, 31.176, 151.634 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

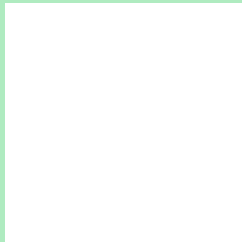
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 31.176, 151.634

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.176, 151.634.

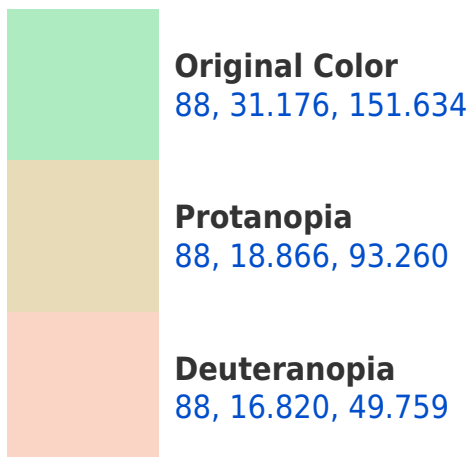


This preview shows how white text looks on a background with the CIELCh color 88, 31.176, 151.634.

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



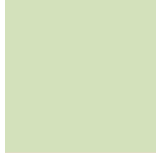


Tritanopia
88, 16.393, 233.854

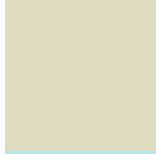
Trichromacy



Original Color
88, 31.176, 151.634



Protanomaly
88, 20.423, 123.470

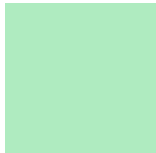


Deuteranomaly
87, 13.563, 104.262

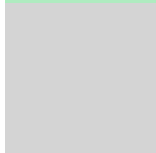


Tritanomaly
88, 16.788, 191.106

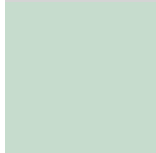
Monochromacy



Original Color
88, 31.176, 151.634



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 11.245, 154.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.176, 151.634 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(175, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 235, 192)  
}
```

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(175, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 235, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.176, 151.634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

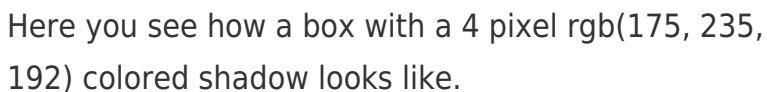
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 235, 192) }
```

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

```
.border{ border-color:rgb(175, 235, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 235, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 235, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 235, 192); box-shadow:4px 4px 4px 4px rgb(175, 235, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.176, 151.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 235, 192) }
```

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

```
.background{ background-color: rgb(175,  
235, 192) }
```

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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