

Converting Colors

CIELCh(88, 11.228, 169.523)

Have a look what the booklet for
CIELCh(88, 11.228, 169.523)
contains.

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Color

CIELCh(88, 11.530, 168.774)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3D8
RGB	199, 227, 216
RGB Percent	78%, 89%, 85%
CMY	0.2195, 0.1096, 0.1528
CMYK	0.12, 0.00, 0.05, 0.11
HSL	156°, 33%, 84%
HSV	156°, 12%, 89%
XYZ	63.4414, 72.0653, 75.5568
YIQ	217.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

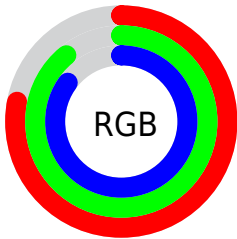
Format	Color
RYB	199, 216, 227
Decimal	13099992
CIELab	88.00, -11.31, 2.24
CIELCh	88, 11.530, 168.774
Yxy	72.0653, 0.3006, 0.3414
Android (android.graphics.Color)	4291290072 (0xFFC7E3D8)
YUV	217.3740, -0.6774, -16.1140
Hunter-Lab	84.8913, -15.1621, 6.6533

Details

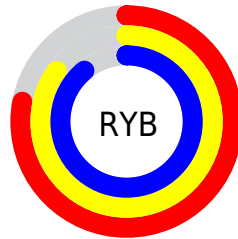
The CIELCh color **88, 11.530, 168.774** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 11.825, 350.960**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 11.812, 167.581** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.748, 167.748**, and if you desaturate by 10%, it is **90, 2.183, 169.870**.

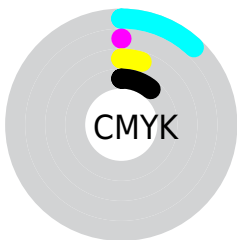
Distribution



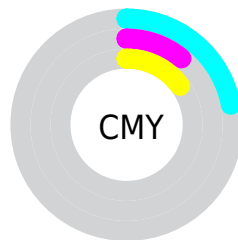
- Red (78%)
- Green (89%)
- Blue (85%)



- Red (78%)
- Yellow (85%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (22%)
- Magenta (11%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.530, 168.774 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, 11.530, 168.774 by changing the saturation by 10% instead.


 88, 11.530,
168.774


 88, 11.530,
168.774


 100, 11.530,
168.774


 78, 11.530,
168.774

 68, 11.530,
168.774

 58, 11.530,
168.774

 48, 11.530,
168.774

 38, 11.530,
168.774

 28, 11.530,
168.774

 18, 11.530,

168.774

■ 8, 11.530, 168.774

■ 0, 11.530, 168.774

■ 88, 11.530,
168.774

■ 88, 11.530,
168.774

■ 86, 20.748,
167.748

■ 90, 2.183, 169.870

■ 85, 29.699,
166.636

■ 92, 7.188, 350.426

■ 84, 38.231,
165.405

■ 93, 12.874,
341.211

■ 83, 46.186,
164.030

■ 93, 16.128,
328.425

■ 82, 53.415,

■ 93, 17.479,
325.030

162.485

■ 81, 59.798,
160.745

■ 81, 65.273,
158.793

■ 80, 69.859,
156.631

■ 80, 72.914,
154.891

Harmonies

Complementary

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



88, 11.530, 168.774



83, 11.825, 350.960

Rectangle

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



88, 11.530, 168.774



88, 11.530, 218.774



88, 11.530, 348.774



88, 11.530, 38.774

Sweetspot

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



88, 11.532, 168.769



99, 4.114, 169.625



88, 15.843, 131.965



53, 2.924, 169.537



0, 0.000, 0.000



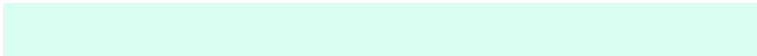
53, 0.007, 296.813

Same Dimension

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



88, 11.532, 168.769



97, 15.389, 168.494



88, 8.810, 208.476



47, 5.362, 169.054



64, 60.470, 155.286



18, 23.593, 159.438

Inverse Universe

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



83, 11.825, 350.960



90, 15.867, 351.250



83, 9.556, 28.892



45, 5.468, 350.665



38, 64.960, 12.209



7, 26.880, 2.769

Previews

White Background



This preview shows how the CIELCh color 88, 11.530, 168.774 looks on a white background.

Color Contrast Check

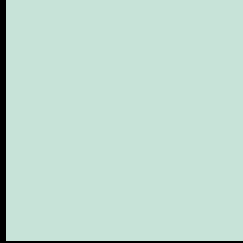
Large Text (above 18pt) WCAG AA × Fail

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, 11.530, 168.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

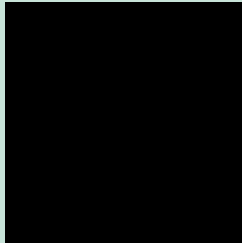
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

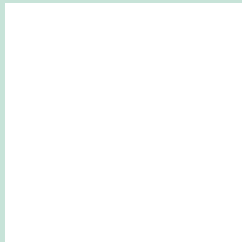
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 11.530, 168.774

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.530, 168.774.

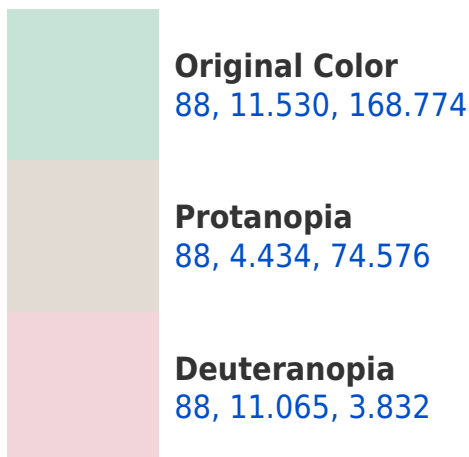


This preview shows how white text looks on a background with the CIELCh color 88, 11.530, 168.774.

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](#).

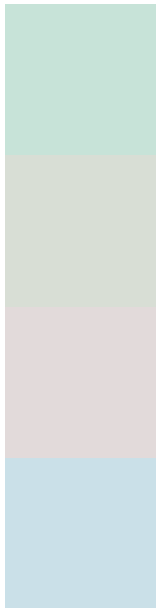
Dichromacy





Tritanopia
88, 11.435, 254.687

Trichromacy



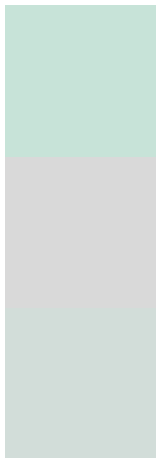
Original Color
88, 11.530, 168.774

Protanomaly
88, 5.183, 134.538

Deuteranomaly
88, 2.897, 19.411

Tritanomaly
88, 8.554, 228.338

Monochromacy



Original Color
88, 11.530, 168.774

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.474, 171.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.530, 168.774 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(199, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 216)  
}
```

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(199, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.530, 168.774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

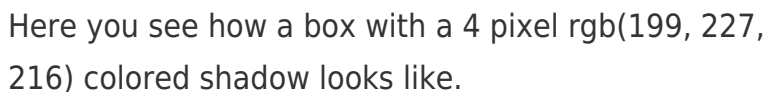
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 227, 216) }
```

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

```
.border{ border-color:rgb(199, 227, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.530, 168.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 216) }
```

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

```
.background{ background-color: rgb(199,  
227, 216) }
```

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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