

Converting Colors

CIELCh(88, 18.518, 146.328)

Have a look what the booklet for
CIELCh(88, 18.518, 146.328)
contains.

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Color

CIELCh(88, 18.502, 146.332)

Conversions

Conversions Part 1

Format	Color
Hex	C6E5C9
RGB	198, 229, 201
RGB Percent	78%, 90%, 79%
CMY	0.2245, 0.1030, 0.2128
CMYK	0.14, 0.00, 0.12, 0.10
HSL	126°, 37%, 84%
HSV	126°, 14%, 90%
XYZ	61.6769, 72.0653, 65.7568
YIQ	216.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

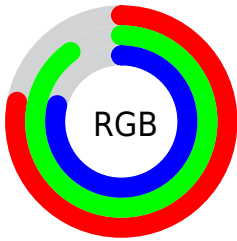
Format	Color
RYB	198, 226, 229
Decimal	13034953
CIELab	88.00, -15.40, 10.26
CIElCh	88, 18.502, 146.332
Yxy	72.0653, 0.3092, 0.3612
Android (android.graphics.Color)	4291225033 (0xFFC6E5C9)
YUV	216.5390, -7.6607, -16.2587
Hunter-Lab	84.8913, -18.8722, 13.4979

Details

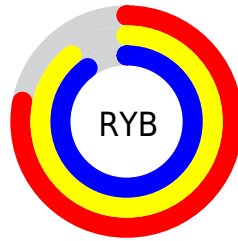
The CIELCh color **88, 18.502, 146.332** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 18.537, 327.944**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 18.177, 146.317** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.248, 145.560**, and if you desaturate by 10%, it is **90, 4.811, 147.032**.

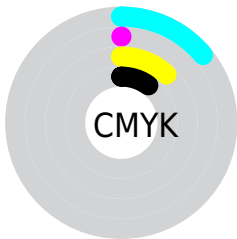
Distribution



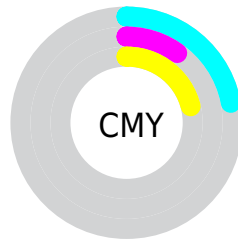
- Red (78%)
- Green (90%)
- Blue (79%)



- Red (78%)
- Yellow (89%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 18.502, 146.332 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, 18.502, 146.332 by changing the saturation by 10% instead.


 88, 18.502,
146.332


 88, 18.502,
146.332


 100, 18.502,
146.332


 78, 18.502,
146.332


 68, 18.502,
146.332

 58, 18.502,
146.332

 48, 18.502,
146.332

 38, 18.502,
146.332


 28, 18.502,
146.332


 18, 18.502,


146.332

 8, 18.502, 146.332


 0, 18.502, 146.332

 88, 18.502,
146.332


 88, 18.502,
146.332


 86, 32.248,
145.560


 90, 4.811, 147.032

 85, 45.838,
144.664

 92, 8.681, 327.488

 83, 59.012,
143.631

 94, 16.414,
324.993

 82, 71.450,
142.457

 81, 82.781,

141.164

■ 80, 92.599,
139.803

■ 80, 100.483,
138.470

■ 80, 106.069,
137.298

■ 80, 108.423,
136.733

Harmonies

Complementary

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



88, 18.502, 146.332



83, 18.537, 327.944

Rectangle

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



88, 18.502, 146.332



88, 18.502, 196.332



88, 18.502, 326.332



88, 18.502, 16.332

Sweetspot

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



88, 18.504, 146.332



99, 5.922, 146.996



90, 16.040, 112.317



53, 4.212, 146.941



0, 0.000, 0.000



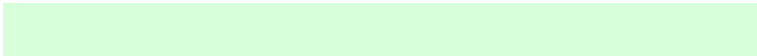
53, 0.007, 296.813

Same Dimension

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



88, 18.504, 146.332



96, 23.888, 146.146



88, 12.951, 167.210



47, 7.758, 146.619



63, 89.709, 136.898



17, 34.998, 140.526

Inverse Universe

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



83, 18.537, 327.944



90, 23.929, 328.096



83, 13.279, 349.615



45, 7.773, 327.698



41, 81.977, 332.492



8, 34.804, 331.776

Previews

White Background



This preview shows how the CIELCh color 88, 18.502, 146.332 looks on a white background.

Color Contrast Check

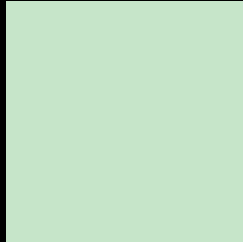
Large Text (above 18pt) WCAG AA × Fail

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 88, 18.502, 146.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

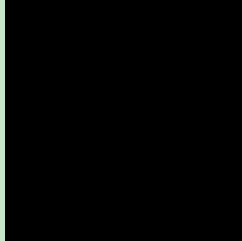
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

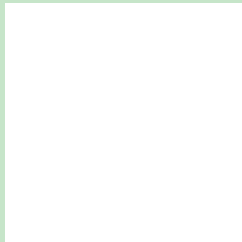
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.502, 146.332

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.502, 146.332.

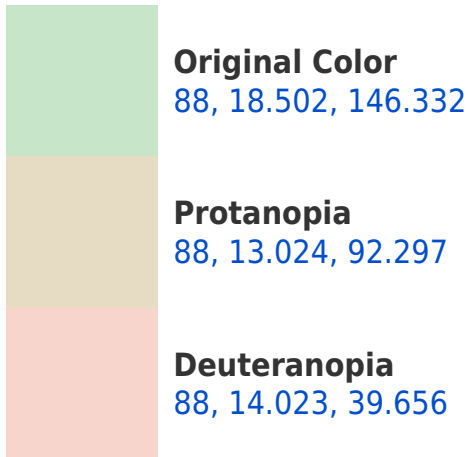


This preview shows how white text looks on a background with the CIELCh color 88, 18.502, 146.332.

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, 11.251, 256.074

Trichromacy



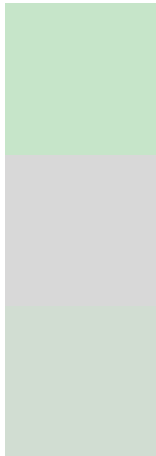
Original Color
88, 18.502, 146.332

Protanomaly
88, 13.129, 117.234

Deuteranomaly
88, 9.266, 83.206

Tritanomaly
88, 8.010, 202.678

Monochromacy



Original Color
88, 18.502, 146.332

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.237, 146.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.502, 146.332 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(198, 229, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 229, 201)  
}
```

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(198, 229, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 229, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.502, 146.332 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(198, 229, 201) }
```

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

```
.border{ border-color:rgb(198, 229, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 229, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 229, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 229, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 229,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.502, 146.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 229, 201) }
```

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

```
.background{ background-color: rgb(198,  
229, 201) }
```

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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