

Converting Colors

CIELCh(88, 18.836, 135.332)

Have a look what the booklet for
CIELCh(88, 18.836, 135.332)
contains.

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Color

CIELCh(88, 18.557, 134.726)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3C3
RGB	205, 227, 195
RGB Percent	80%, 89%, 76%
CMY	0.1950, 0.1087, 0.2342
CMYK	0.10, 0.00, 0.14, 0.11
HSL	101°, 37%, 83%
HSV	101°, 14%, 89%
XYZ	62.6824, 72.0653, 62.3997
YIQ	216.7740, -2.8400, -14.6160

Conversions

Conversions Part 2

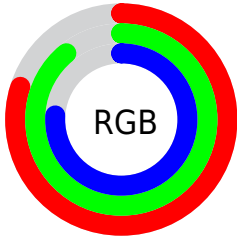
Format	Color
RYB	195, 227, 217
Decimal	13493187
CIELab	88.00, -13.06, 13.18
CIELCh	88, 18.557, 134.726
Yxy	72.0653, 0.3179, 0.3655
Android (android.graphics.Color)	4291683267 (0xFFCDE3C3)
YUV	216.7740, -10.7346, -10.3258
Hunter-Lab	84.8913, -16.7580, 15.8425

Details

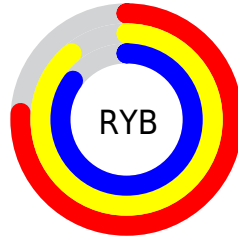
The CIELCh color **88, 18.557, 134.726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **82, 18.774, 315.922**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **68, 18.895, 134.232** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.785, 134.225**, and if you desaturate by 10%, it is **90, 5.353, 135.204**.

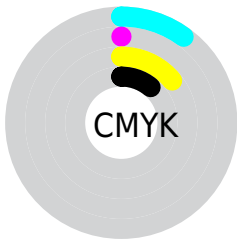
Distribution



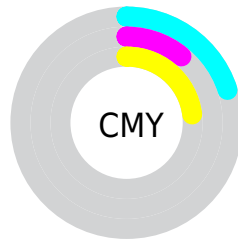
- Red (80%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 18.557, 134.726 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, 18.557, 134.726 by changing the saturation by 10% instead.


 88, 18.557,
134.726


 88, 18.557,
134.726


 100, 18.557,
134.726


 78, 18.557,
134.726

 68, 18.557,
134.726

 58, 18.557,
134.726

 48, 18.557,
134.726

 38, 18.557,
134.726


 28, 18.557,
134.726


 18, 18.557,


134.726

 8, 18.557, 134.726

 0, 18.557, 134.726

 88, 18.557,
134.726


 88, 18.557,
134.726


 87, 31.785,
134.225


 90, 5.353, 135.204


 85, 44.890,
133.688

 91, 7.732, 315.543

 84, 57.675,
133.136

 93, 16.794,
322.159

 83, 69.863,
132.611

 93, 17.324,
325.025

 82, 81.072,

132.185

■ 81, 90.796,
131.963

■ 81, 98.461,
132.077

■ 80, 103.624,
132.631

■ 80, 105.694,
133.090

Harmonies

Complementary

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



88, 18.557, 134.726



82, 18.774, 315.922

Rectangle

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



88, 18.557, 134.726



88, 18.557, 184.726



88, 18.557, 314.726



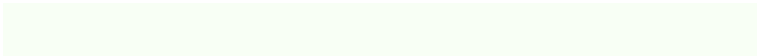
88, 18.557, 4.726

Sweetspot

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



88, 18.559, 134.728



99, 5.755, 135.207



87, 12.012, 90.661



53, 4.093, 135.169



0, 0.000, 0.000



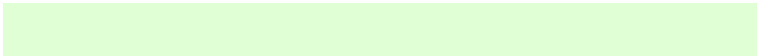
53, 0.007, 296.813

Same Dimension

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



88, 18.559, 134.728



97, 24.612, 134.580



87, 17.991, 149.029



47, 7.529, 134.947



64, 88.000, 132.884



18, 34.120, 133.059

Inverse Universe

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



82, 18.774, 315.922



88, 24.951, 316.055



82, 18.047, 330.807



45, 7.594, 315.717



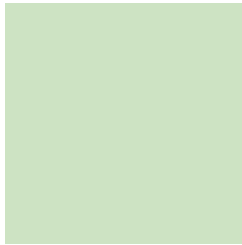
33, 91.828, 316.997



5, 36.684, 317.687

Previews

White Background



This preview shows how the CIELCh color 88, 18.557, 134.726 looks on a white background.

Color Contrast Check

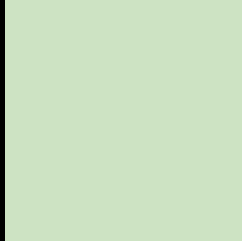
Large Text (above 18pt) WCAG AA × Fail

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, 18.557, 134.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

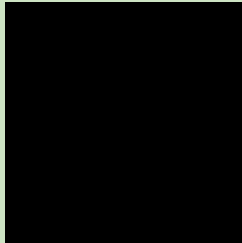
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

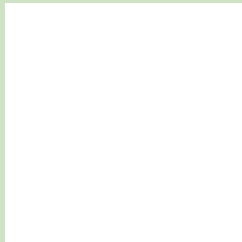
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.557, 134.726

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.557, 134.726.

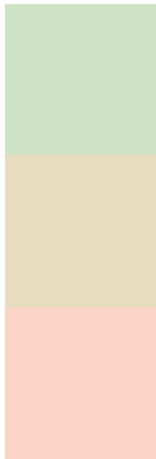


This preview shows how white text looks on a background with the CIELCh color 88, 18.557, 134.726.

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](#).

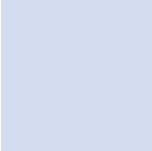
Dichromacy



Original Color
88, 18.557, 134.726

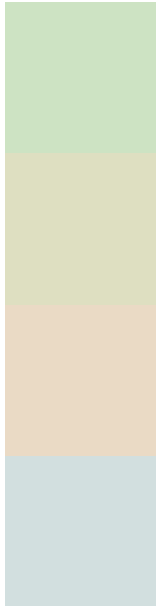
Protanopia
88, 15.633, 93.385

Deuteranopia
88, 16.273, 46.731



Tritanopia
88, 9.834, 272.660

Trichromacy



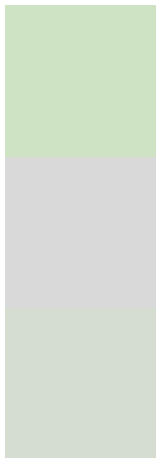
Original Color
88, 18.557, 134.726

Protanomaly
88, 15.570, 110.260

Deuteranomaly
88, 12.487, 80.310

Tritanomaly
88, 4.590, 199.214

Monochromacy



Original Color
88, 18.557, 134.726

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.925, 134.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.557, 134.726 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(205, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 195)  
}
```

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(205, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.557, 134.726 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(205, 227, 195) }
```

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

```
.border{ border-color:rgb(205, 227, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.557, 134.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 195) }
```

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

```
.background{ background-color: rgb(205,  
227, 195) }
```

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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