

Converting Colors

CIELCh(88, 24.730, 133.309)

Have a look what the booklet for
CIELCh(88, 24.730, 133.309)
contains.

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Color

CIELCh(88, 24.664, 133.339)

Conversions

Conversions Part 1

Format	Color
Hex	C9E5BA
RGB	201, 229, 186
RGB Percent	79%, 90%, 73%
CMY	0.2114, 0.1016, 0.2703
CMYK	0.12, 0.00, 0.19, 0.10
HSL	99°, 45%, 81%
HSV	99°, 19%, 90%
XYZ	61.0258, 72.0653, 57.1946
YIQ	215.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

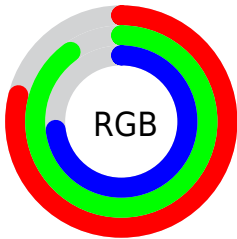
Format	Color
RYB	186, 229, 214
Decimal	13231546
CIELab	88.00, -16.93, 17.94
CIELCh	88, 24.664, 133.339
Yxy	72.0653, 0.3207, 0.3787
Android (android.graphics.Color)	4291421626 (0xFFC9E5BA)
YUV	215.7260, -14.6549, -12.9147
Hunter-Lab	84.8913, -20.2413, 19.4779

Details

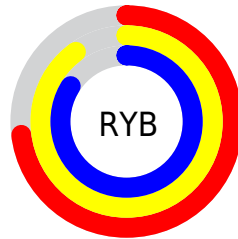
The CIELCh color **88, 24.664, 133.339** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 25.088, 314.962**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **68, 24.175, 133.107** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.793, 132.835**, and if you desaturate by 10%, it is **90, 11.493, 133.814**.

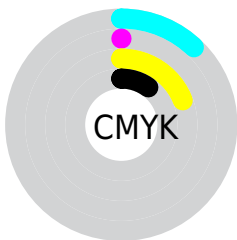
Distribution



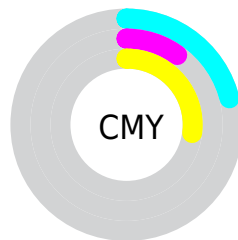
- Red (79%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 24.664, 133.339 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, 24.664, 133.339 by changing the saturation by 10% instead.


 88, 24.664,
133.339

 88, 24.664,
133.339


 100, 24.664,
133.339


 78, 24.664,
133.339

 68, 24.664,
133.339

 58, 24.664,
133.339

 48, 24.664,
133.339

 38, 24.664,
133.339

 28, 24.664,
133.339

 18, 24.664,


133.339


 8, 24.664, 133.339


 0, 24.664, 133.339

 88, 24.664,
133.339

 88, 24.664,
133.339


 87, 37.793,
132.835


 90, 11.493,
133.814


 85, 50.713,
132.310

 91, 1.612, 314.104

 84, 63.202,
131.797

 93, 14.569,
314.579

 83, 74.942,
131.351

 94, 16.190,
324.985

 82, 85.498,

131.061

■ 82, 94.320,
131.050

■ 81, 100.864,
131.445

■ 81, 104.979,
132.267

■ 81, 105.404,
132.367

Harmonies

Complementary

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



88, 24.664, 133.339



79, 25.088, 314.962

Rectangle

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



88, 24.664, 133.339



88, 24.664, 183.339



88, 24.664, 313.339



88, 24.664, 3.339

Sweetspot

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



88, 24.666, 133.340



99, 8.561, 133.941



86, 15.698, 87.359



53, 5.681, 133.910



0, 0.000, 0.000



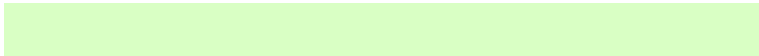
53, 0.007, 296.813

Same Dimension

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



88, 24.666, 133.340



96, 32.972, 133.124



87, 24.763, 147.577



47, 7.454, 133.782



64, 87.222, 132.139



18, 33.780, 132.159

Inverse Universe

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



79, 25.088, 314.962



84, 33.667, 315.158



80, 24.828, 329.968



45, 7.525, 314.548



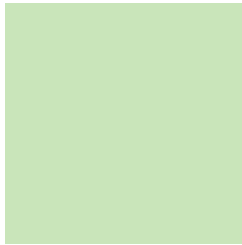
32, 92.474, 315.895



5, 36.504, 316.412

Previews

White Background



This preview shows how the CIELCh color 88, 24.664, 133.339 looks on a white background.

Color Contrast Check

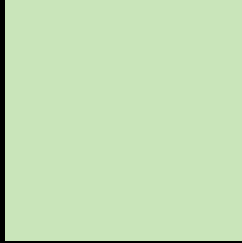
Large Text (above 18pt) WCAG AA × Fail

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, 24.664, 133.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

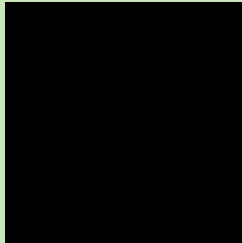
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

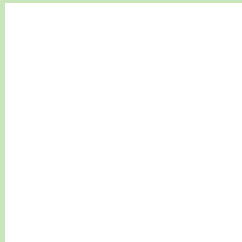
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.664, 133.339

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.664, 133.339.

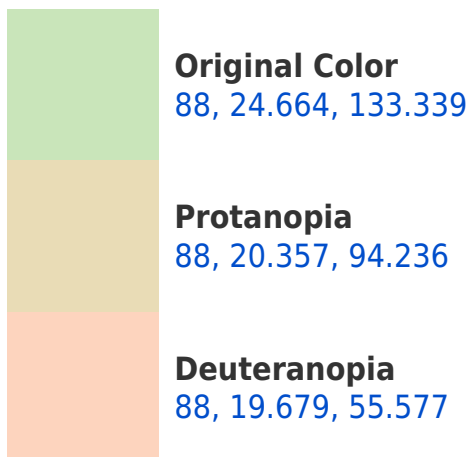


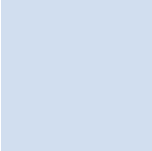
This preview shows how white text looks on a background with the CIELCh color 88, 24.664, 133.339.

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](#).

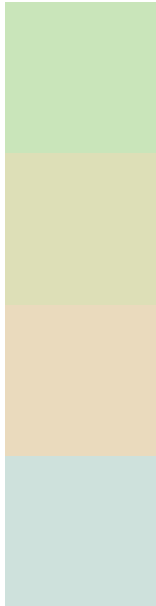
Dichromacy





Tritanopia
88, 9.836, 264.046

Trichromacy



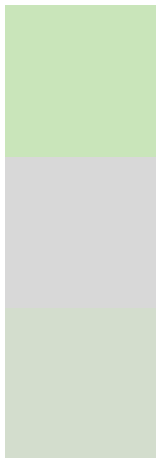
Original Color
88, 24.664, 133.339

Protanomaly
88, 20.741, 110.549

Deuteranomaly
88, 16.288, 86.829

Tritanomaly
88, 7.249, 177.862

Monochromacy



Original Color
88, 24.664, 133.339

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 9.140, 133.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.664, 133.339 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(201, 229, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 229, 186)  
}
```

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(201, 229, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 229, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.664, 133.339 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(201, 229, 186) }
```

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

```
.border{ border-color:rgb(201, 229, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 229, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 229, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 229, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 229,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.664, 133.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 229, 186) }
```

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

```
.background{ background-color: rgb(201,  
229, 186) }
```

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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