

Converting Colors

CIELCh(88, 33.702, 137.802)

Have a look what the booklet for
CIELCh(88, 33.702, 137.802)
contains.

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Color

CIELCh(88, 33.530, 137.686)

Conversions

Conversions Part 1

Format	Color
Hex	BCE9B1
RGB	188, 233, 177
RGB Percent	74%, 91%, 69%
CMY	0.2632, 0.0867, 0.3063
CMYK	0.19, 0.00, 0.24, 0.09
HSL	108°, 56%, 80%
HSV	108°, 24%, 91%
XYZ	57.7473, 72.0653, 52.4076
YIQ	213.1610, -8.8440, -26.9560

Conversions

Conversions Part 2

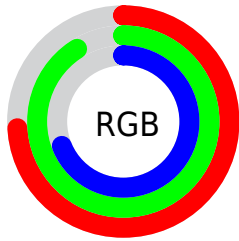
Format	Color
RYB	177, 233, 222
Decimal	12380593
CIELab	88.00, -24.79, 22.57
CIELCh	88, 33.530, 137.686
Yxy	72.0653, 0.3169, 0.3955
Android (android.graphics.Color)	4290570673 (0xFFBCE9B1)
YUV	213.1610, -17.8274, -22.0662
Hunter-Lab	84.8913, -27.1350, 22.8212

Details

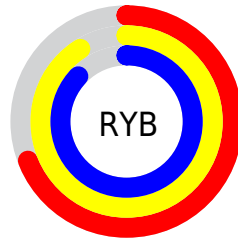
The CIELCh color **88, 33.530, 137.686** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 33.903, 319.991**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.747, 127.075**, and **68, 33.475, 137.571** is the 20% darker color. If you saturate the color by 10%, you get **87, 47.391, 137.057**, and if you desaturate by 10%, it is **90, 19.541, 138.255**.

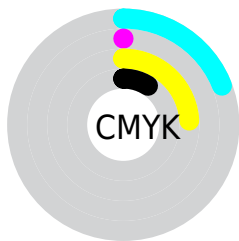
Distribution



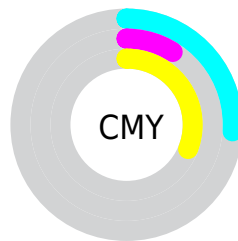
- Red (74%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 33.530, 137.686 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, 33.530, 137.686 by changing the saturation by 10% instead.


 88, 33.530,
137.686


 88, 33.530,
137.686


 100, 33.530,
137.686


 78, 33.530,
137.686

 68, 33.530,
137.686

 58, 33.530,
137.686

 48, 33.530,
137.686

 38, 33.530,
137.686


 28, 33.530,
137.686


 18, 33.530,


137.686


 8, 33.530, 137.686


 0, 33.530, 137.686

 88, 33.530,
137.686

 88, 33.530,
137.686

 87, 47.391,
137.057


 90, 19.541,
138.255


 85, 60.884,
136.380

 92, 5.591, 138.780

 84, 73.689,
135.690

 94, 8.197, 319.139

 83, 85.378,
135.054

 95, 13.801,
324.899

 82, 95.405,

134.576

■ 82, 103.160,
134.387

■ 81, 108.182,
134.593

■ 81, 110.060,
134.830

Harmonies

Complementary

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



88, 33.530, 137.686



78, 33.903, 319.991

Rectangle

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



88, 33.530, 137.686



88, 33.530, 187.686



88, 33.530, 317.686



88, 33.530, 7.686

Sweetspot

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



88, 33.532, 137.687



99, 10.443, 138.621



88, 23.607, 97.598



52, 6.788, 138.590



0, 0.000, 0.000



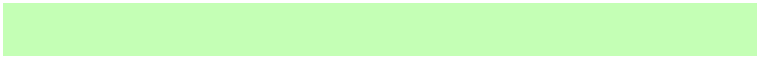
53, 0.007, 296.813

Same Dimension

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



88, 33.532, 137.687



95, 43.513, 137.373



88, 28.786, 152.416



48, 7.933, 138.496



65, 90.970, 134.682



19, 36.612, 135.038

Inverse Universe

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



78, 33.903, 319.991



81, 44.084, 320.219



78, 29.057, 335.997



46, 7.977, 319.322



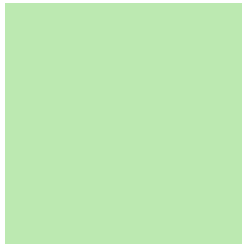
37, 91.015, 320.842



7, 38.627, 321.779

Previews

White Background



This preview shows how the CIELCh color 88, 33.530, 137.686 looks on a white background.

Color Contrast Check

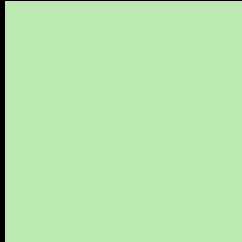
Large Text (above 18pt) WCAG AA × Fail

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, 33.530, 137.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

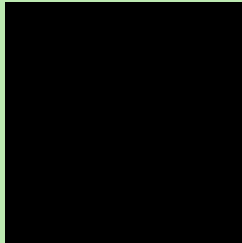
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

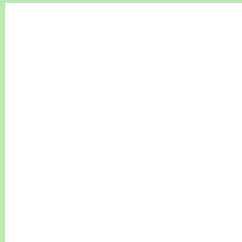
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 33.530, 137.686

Background



This preview shows how black text looks on a background with the CIELCh color 88, 33.530, 137.686.

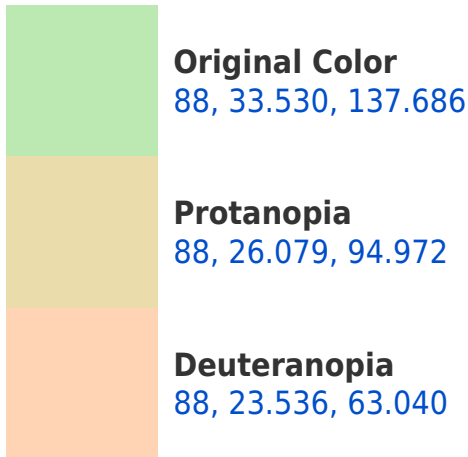


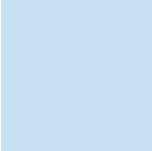
This preview shows how white text looks on a background with the CIELCh color 88, 33.530, 137.686.

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, 12.424, 248.426

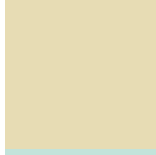
Trichromacy



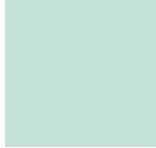
Original Color
88, 33.530, 137.686



Protanomaly
88, 26.990, 113.680



Deuteranomaly
88, 21.191, 96.841

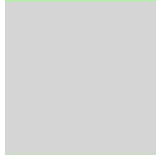


Tritanomaly
88, 12.249, 175.994

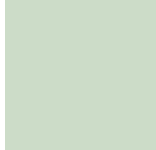
Monochromacy



Original Color
88, 33.530, 137.686



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.034, 138.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 33.530, 137.686 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(188, 233, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 177)  
}
```

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(188, 233, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 33.530, 137.686 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(188, 233, 177) }
```

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

```
.border{ border-color:rgb(188, 233, 177) }
```

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

Here you see how a box with a 4 pixel rgb(188, 233, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 33.530, 137.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 177) }
```

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

```
.background{ background-color: rgb(188,  
233, 177) }
```

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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