

Converting Colors

CIELCh(88, 54.519, 133.450)

Have a look what the booklet for
CIELCh(88, 54.519, 133.450)
contains.

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Color

CIELCh(88, 54.510, 133.576)

Conversions

Conversions Part 1

Format	Color
Hex	ACEE8F
RGB	172, 238, 143
RGB Percent	67%, 93%, 56%
CMY	0.3246, 0.0658, 0.4384
CMYK	0.28, 0.00, 0.40, 0.07
HSL	102°, 74%, 75%
HSV	102°, 40%, 93%
XYZ	52.6752, 72.0653, 37.2030
YIQ	207.4360, -8.8410, -43.5370

Conversions

Conversions Part 2

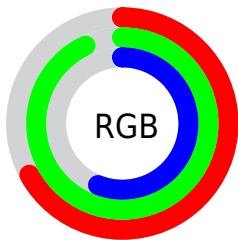
Format	Color
RYB	143, 238, 209
Decimal	11333263
CIELab	88.00, -37.57, 39.49
CIELCh	88, 54.510, 133.576
Yxy	72.0653, 0.3253, 0.4450
Android (android.graphics.Color)	4289523343 (0xFFACEE8F)
YUV	207.4360, -31.7669, -31.0774
Hunter-Lab	84.8913, -37.8001, 33.4405

Details

The CIELCh color **88, 54.510, 133.576** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **69, 56.196, 317.279**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 30.452, 126.453**, and **68, 54.729, 133.625** is the 20% darker color. If you saturate the color by 10%, you get **87, 67.495, 133.026**, and if you desaturate by 10%, it is **89, 41.034, 134.133**.

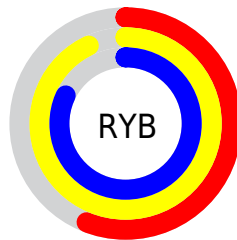
Distribution



Red (67%)

Green (93%)

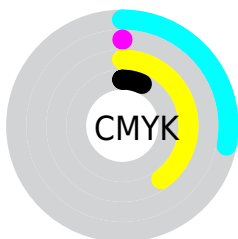
Blue (56%)



Red (56%)

Yellow (93%)

Blue (82%)

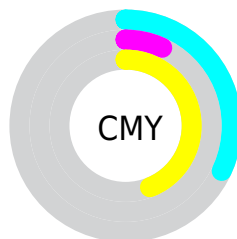


Cyan (28%)

Magenta (0%)

Yellow (40%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 54.510, 133.576 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, 54.510, 133.576 by changing the saturation by 10% instead.


 88, 54.510,
133.576


 88, 54.510,
133.576


 100, 54.510,
133.576


 78, 54.510,
133.576

 68, 54.510,
133.576

 58, 54.510,
133.576

 48, 54.510,
133.576

 38, 54.510,
133.576

 28, 54.510,
133.576


 18, 54.510,


133.576


 8, 54.510, 133.576


 0, 54.510, 133.576

 88, 54.510,
133.576


 88, 54.510,
133.576


 87, 67.495,
133.026


 89, 41.034,
134.133

 86, 79.630,
132.538


 91, 27.316,
134.663


 85, 90.439,
132.205

 92, 13.539,
135.154

 84, 99.336,
132.155

 94, 0.167, 314.345

 84, 105.763,

 96, 10.452,
324.727

132.510

96, 10.458,
324.776

83, 109.697,
133.249

83, 109.736,
133.257

Harmonies

Complementary

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



88, 54.510, 133.576



69, 56.196, 317.279

Rectangle

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



88, 54.510, 133.576



88, 54.510, 183.576



88, 54.510, 313.576



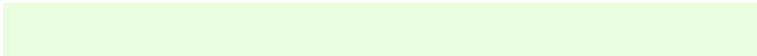
88, 54.510, 3.576

Sweetspot

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



88, 54.512, 133.577



98, 17.383, 135.051



85, 36.140, 87.231



52, 11.536, 134.988



0, 0.000, 0.000



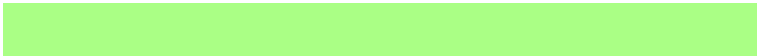
53, 0.007, 296.813

Same Dimension

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



88, 54.512, 133.577



92, 68.776, 133.117



87, 52.700, 146.663



49, 7.819, 135.173



66, 90.039, 133.047



20, 37.128, 132.558

Inverse Universe

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



69, 56.196, 317.279



69, 71.300, 317.598



72, 52.792, 332.528



47, 7.885, 315.948



34, 93.653, 317.202



6, 40.102, 318.326

Previews

White Background



This preview shows how the CIELCh color 88, 54.510, 133.576 looks on a white background.

Color Contrast Check

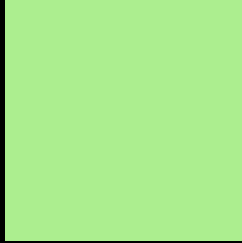
Large Text (above 18pt) WCAG AA × Fail

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, 54.510, 133.576 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, 54.510, 133.576

Background



This preview shows how black text looks on a background with the CIELCh color 88, 54.510, 133.576.

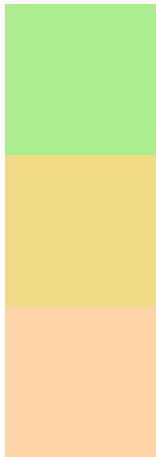


This preview shows how white text looks on a background with the CIELCh color 88, 54.510, 133.576.

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, 54.510, 133.576

Protanopia
88, 43.879, 95.724

Deuteranopia
88, 29.313, 72.242



Tritanopia
88, 15.166, 237.283

Trichromacy



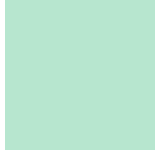
Original Color
88, 54.510, 133.576



Protanomaly
88, 45.067, 112.565



Deuteranomaly
87, 33.014, 105.321

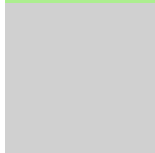


Tritanomaly
88, 20.634, 162.419

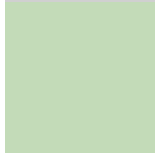
Monochromacy



Original Color
88, 54.510, 133.576



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 20.434, 134.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 54.510, 133.576 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(172, 238, 143)` looks like.

```
.text, #text, p{  
    color:rgb(172, 238, 143)  
}
```

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(172, 238, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 238, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 54.510, 133.576 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(172, 238, 143) }
```

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

```
.border{ border-color:rgb(172, 238, 143) }
```

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

Here you see how a box with a 4 pixel rgb(172, 238, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 238, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 238, 143);  
box-shadow:4px 4px 4px 4px rgb(172, 238,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 54.510, 133.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 238, 143) }
```

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

```
.background{ background-color: rgb(172,  
238, 143) }
```

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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