

Converting Colors

CIELCh(88, 53.354, 128.695)

Have a look what the booklet for
CIELCh(88, 53.354, 128.695)
contains.

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Color

CIELCh(88, 53.345, 128.755)

Conversions

Conversions Part 1

Format	Color
Hex	B7EC8B
RGB	183, 236, 139
RGB Percent	72%, 93%, 55%
CMY	0.2816, 0.0737, 0.4542
CMYK	0.22, 0.00, 0.41, 0.07
HSL	93°, 72%, 74%
HSV	93°, 41%, 93%
XYZ	54.3004, 72.0653, 35.5443
YIQ	209.0950, -0.4510, -41.4030

Conversions

Conversions Part 2

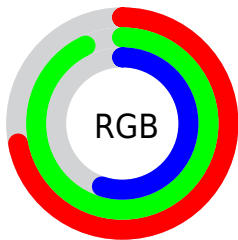
Format	Color
RYB	139, 236, 192
Decimal	12053643
CIELab	88.00, -33.39, 41.60
CIELCh	88, 53.345, 128.755
Yxy	72.0653, 0.3354, 0.4451
Android (android.graphics.Color)	4290243723 (0xFFB7EC8B)
YUV	209.0950, -34.5568, -22.8853
Hunter-Lab	84.8913, -34.3828, 34.5990

Details

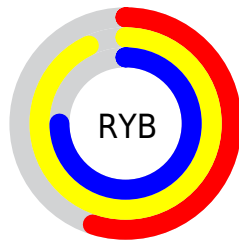
The CIELCh color **88, 53.345, 128.755** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 56.244, 312.624**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 31.299, 118.225**, and **68, 53.426, 128.760** is the 20% darker color. If you saturate the color by 10%, you get **87, 65.600, 128.318**, and if you desaturate by 10%, it is **89, 40.599, 129.240**.

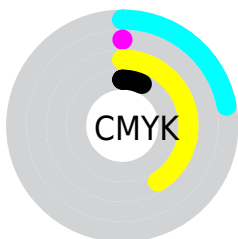
Distribution



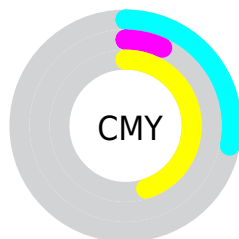
- Red (72%)
- Green (93%)
- Blue (55%)



- Red (55%)
- Yellow (93%)
- Blue (75%)



- Cyan (22%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)





- Cyan (28%)
- Magenta (7%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 53.345, 128.755 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, 53.345, 128.755 by changing the saturation by 10% instead.


 88, 53.345,
128.755


 88, 53.345,
128.755


 100, 53.345,
128.755


 78, 53.345,
128.755

 68, 53.345,
128.755

 58, 53.345,
128.755

 48, 53.345,
128.755

 38, 53.345,
128.755


 28, 53.345,
128.755


 18, 53.345,


128.755


 8, 53.345, 128.755


 0, 53.345, 128.755

 88, 53.345,
128.755


 88, 53.345,
128.755


 87, 65.600,
128.318


 89, 40.599,
129.240

 86, 77.024,
127.992


 90, 27.590,
129.729


 85, 87.157,
127.876

 92, 14.483,
130.202

 85, 95.436,
128.098

 93, 1.391, 130.736

 84, 101.356,

 95, 10.514,
313.202

128.781

95, 11.728,
324.823

84, 104.740,
129.744

Harmonies

Complementary

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



88, 53.345, 128.755



66, 56.244, 312.624

Rectangle

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



88, 53.345, 128.755



88, 53.345, 178.755



88, 53.345, 308.755



88, 53.345, 358.755

Sweetspot

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



88, 53.347, 128.756



98, 16.704, 130.157



80, 33.585, 73.597



52, 11.083, 130.096



0, 0.000, 0.000



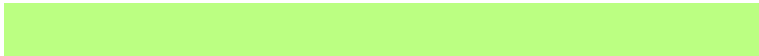
53, 0.007, 296.813

Same Dimension

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



88, 53.347, 128.756



93, 67.139, 128.394



86, 59.808, 142.137



49, 7.386, 130.276



66, 85.579, 129.472



19, 34.206, 128.799

Inverse Universe

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



66, 56.244, 312.624



66, 71.600, 313.016



71, 59.659, 327.599



46, 7.478, 311.070



29, 95.519, 313.021



5, 37.907, 313.177

Previews

White Background



This preview shows how the CIELCh color 88, 53.345, 128.755 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, 53.345, 128.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

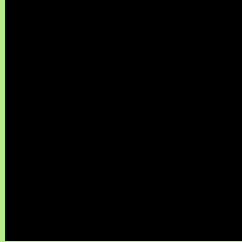
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 53.345, 128.755

Background



This preview shows how black text looks on a background with the CIELCh color 88, 53.345, 128.755.



This preview shows how white text looks on a background with the CIELCh color 88, 53.345, 128.755.

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, 53.345, 128.755

Protanopia
88, 45.332, 95.916

Deuteranopia
88, 29.915, 73.880

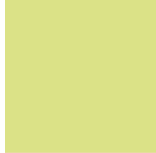


Tritanopia
88, 12.637, 247.305

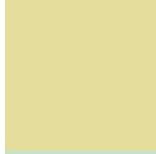
Trichromacy



Original Color
88, 53.345, 128.755



Protanomaly
88, 46.366, 109.797



Deuteranomaly
87, 33.678, 101.897

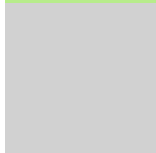


Tritanomaly
88, 17.479, 154.925

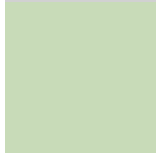
Monochromacy



Original Color
88, 53.345, 128.755



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 19.657, 129.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 53.345, 128.755 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(183, 236, 139)` looks like.

```
.text, #text, p{  
    color:rgb(183, 236, 139)  
}
```

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(183, 236, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 236, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 53.345, 128.755 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(183, 236, 139) }
```

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

```
.border{ border-color:rgb(183, 236, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 236, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 236, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 236, 139);  
box-shadow:4px 4px 4px 4px rgb(183, 236,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 53.345, 128.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 236, 139) }
```

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

```
.background{ background-color: rgb(183,  
236, 139) }
```

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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