

Converting Colors

CIELCh(90, 54.585, 123.391)

Have a look what the booklet for
CIELCh(90, 54.585, 123.391)
contains.

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Color

CIELCh(90, 54.265, 123.252)

Conversions

Conversions Part 1

Format	Color
Hex	C7F089
RGB	199, 240, 137
RGB Percent	78%, 94%, 54%
CMY	0.2194, 0.0586, 0.4626
CMYK	0.17, 0.00, 0.43, 0.06
HSL	84°, 78%, 74%
HSV	84°, 43%, 94%
XYZ	59.2577, 76.3034, 35.2880
YIQ	215.9990, 8.6270, -40.7250

Conversions

Conversions Part 2

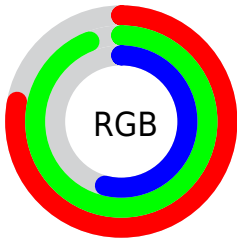
Format	Color
RYB	137, 240, 178
Decimal	13103241
CIELab	90.00, -29.75, 45.38
CIElCh	90, 54.265, 123.252
Yxy	76.3034, 0.3468, 0.4466
Android (android.graphics.Color)	4291293321 (0xFFC7F089)
YUV	215.9990, -38.9465, -14.9081
Hunter-Lab	87.3518, -31.7748, 37.1945

Details

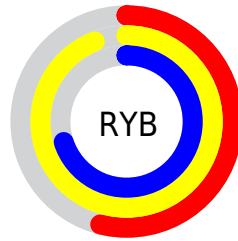
The CIELCh color **90, 54.265, 123.252** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 58.709, 308.033**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.717, 107.764**, and **70, 54.292, 123.457** is the 20% darker color. If you saturate the color by 10%, you get **89, 66.006, 122.835**, and if you desaturate by 10%, it is **91, 41.963, 123.747**.

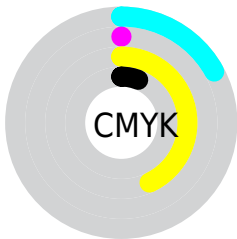
Distribution



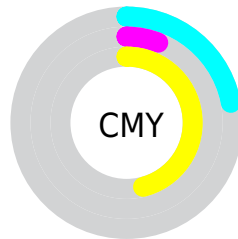
- Red (78%)
- Green (94%)
- Blue (54%)



- Red (54%)
- Yellow (94%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)





- Cyan (22%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 54.265, 123.252 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 90, 54.265, 123.252 by changing the saturation by 10% instead.


 90, 54.265,
123.252


 90, 54.265,
123.252


 100, 54.265,
123.252


 80, 54.265,
123.252

 70, 54.265,
123.252

 60, 54.265,
123.252


 50, 54.265,
123.252

 40, 54.265,
123.252


 30, 54.265,
123.252


 20, 54.265,


123.252


 10, 54.265,
123.252


 0, 54.265, 123.252


 90, 54.265,
123.252


 90, 54.265,
123.252


 89, 66.006,
122.835


 91, 41.963,
123.747

 88, 76.827,
122.561

 92, 29.337,
124.270

 88, 86.246,
122.534

 93, 16.552,
124.793

 87, 93.691,
122.877

 94, 3.720, 125.316

 96, 8.060, 307.678

■ 87, 98.710,
123.701

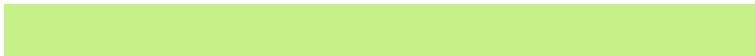
■ 96, 9.318, 324.732

■ 86, 100.987,
124.535

Harmonies

Complementary

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



90, 54.265, 123.252



65, 58.709, 308.033

Rectangle

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



90, 54.265, 123.252



90, 54.265, 173.252



90, 54.265, 303.252



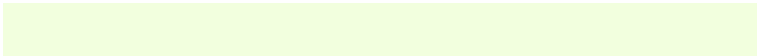
90, 54.265, 353.252

Sweetspot

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



90, 54.267, 123.254



98, 17.504, 124.787



77, 34.576, 57.895



52, 12.248, 124.671



0, 0.000, 0.000



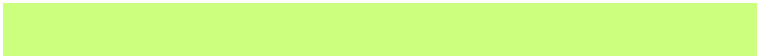
53, 0.007, 296.813

Same Dimension

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



90, 54.267, 123.254



94, 67.008, 122.900



87, 62.353, 138.461



50, 7.275, 124.971



68, 82.413, 124.260



21, 34.095, 123.177

Inverse Universe

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



65, 58.709, 308.033



63, 73.832, 308.614



70, 62.857, 323.238



46, 7.396, 305.908



26, 99.605, 309.837



4, 39.207, 308.875

Previews

White Background



This preview shows how the CIELCh color 90, 54.265, 123.252 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 90, 54.265, 123.252 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 90, 54.265, 123.252

Background



This preview shows how black text looks on a background with the CIELCh color 90, 54.265, 123.252.

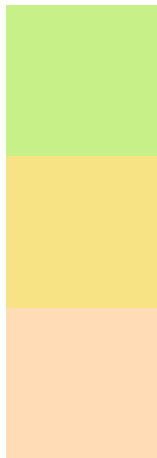


This preview shows how white text looks on a background with the CIELCh color 90, 54.265, 123.252.

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

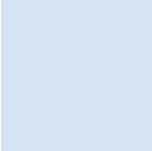
90, 54.265, 123.252

Protanopia

90, 48.582, 95.939

Deuteranopia

90, 24.108, 73.943

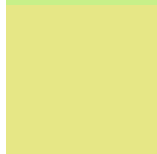


Tritanopia
90, 10.259, 265.404

Trichromacy



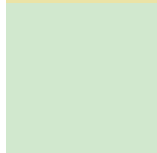
Original Color
90, 54.265, 123.252



Protanomaly
90, 49.015, 106.610



Deuteranomaly
90, 31.511, 101.833

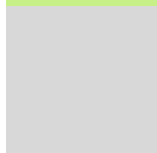


Tritanomaly
90, 15.922, 140.716

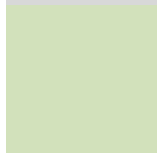
Monochromacy



Original Color
90, 54.265, 123.252



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 20.528, 124.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 54.265, 123.252 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(199, 240, 137)` looks like.

```
.text, #text, p{  
    color:rgb(199, 240, 137)  
}
```

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(199, 240, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 240, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 54.265, 123.252 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(199, 240, 137) }
```

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

```
.border{ border-color:rgb(199, 240, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 240, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 240, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 240, 137);  
box-shadow:4px 4px 4px 4px rgb(199, 240,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 54.265, 123.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 240, 137) }
```

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

```
.background{ background-color: rgb(199,  
240, 137) }
```

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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