

Converting Colors

CIELCh(90, 53.885, 136.084)

Have a look what the booklet for
CIELCh(90, 53.885, 136.084)
contains.

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Color

CIELCh(90, 54.011, 136.242)

Conversions

Conversions Part 1

Format	Color
Hex	ADF599
RGB	173, 245, 153
RGB Percent	68%, 96%, 60%
CMY	0.3225, 0.0402, 0.4009
CMYK	0.29, 0.00, 0.38, 0.04
HSL	107°, 82%, 78%
HSV	107°, 38%, 96%
XYZ	55.4884, 76.3034, 41.8406
YIQ	212.9840, -13.3800, -43.8760

Conversions

Conversions Part 2

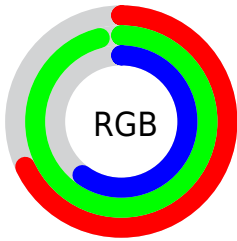
Format	Color
RYB	153, 245, 225
Decimal	11400601
CIELab	90.00, -39.01, 37.35
CIElCh	90, 54.011, 136.242
Yxy	76.3034, 0.3196, 0.4395
Android (android.graphics.Color)	4289590681 (0xFFADF599)
YUV	212.9840, -29.5721, -35.0660
Hunter-Lab	87.3518, -39.4772, 32.7470

Details

The CIELCh color **90, 54.011, 136.242** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **73, 55.014, 319.938**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.583, 129.350**, and **70, 53.676, 136.294** is the 20% darker color. If you saturate the color by 10%, you get **89, 67.764, 135.583**, and if you desaturate by 10%, it is **91, 39.781, 136.872**.

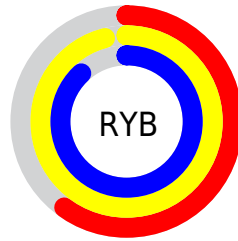
Distribution



Red (68%)

Green (96%)

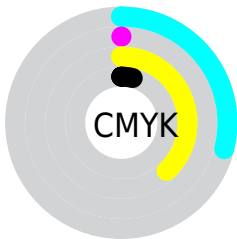
Blue (60%)



Red (60%)

Yellow (96%)

Blue (88%)

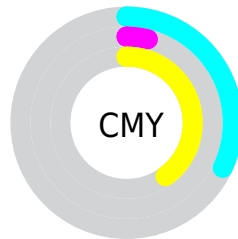


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (4%)



Cyan (32%)

Magenta (4%)

Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 54.011, 136.242 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, 54.011, 136.242 by changing the saturation by 10% instead.

 90, 54.011,
136.242

 90, 54.011,
136.242

 100, 54.011,
136.242


 80, 54.011,
136.242

 70, 54.011,
136.242

 60, 54.011,
136.242


 50, 54.011,
136.242

 40, 54.011,
136.242


 30, 54.011,
136.242


 20, 54.011,

136.242


 10, 54.011,
136.242


 0, 54.011, 136.242

 90, 54.011,
136.242


 90, 54.011,
136.242


 89, 67.764,
135.583


 91, 39.781,
136.872

 88, 80.670,
134.939

 93, 25.337,
137.448

 87, 92.242,
134.392

 95, 10.877,
137.970

 86, 101.876,
134.062

 97, 3.460, 318.325

 97, 6.380, 324.615

■ 85, 108.957,
134.079

■ 85, 113.186,
134.502

■ 85, 113.940,
134.610

Harmonies

Complementary

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



90, 54.011, 136.242



73, 55.014, 319.938

Rectangle

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



90, 54.011, 136.242



90, 54.011, 186.242



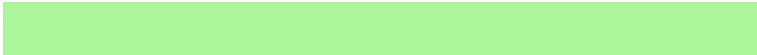
90, 54.011, 316.242



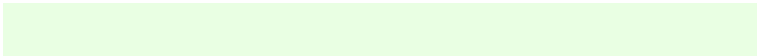
90, 54.011, 6.242

Sweetspot

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



90, 54.013, 136.243



98, 16.346, 137.795



89, 37.322, 93.722



52, 10.990, 137.725



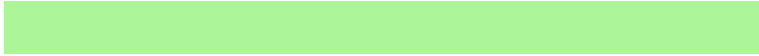
0, 0.000, 0.000



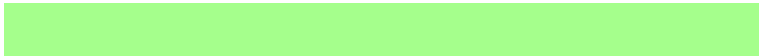
53, 0.007, 296.813

Same Dimension

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



90, 54.013, 136.243



92, 66.444, 135.747



89, 47.773, 149.778



50, 8.163, 137.874



66, 92.580, 134.443



21, 39.345, 134.070

Inverse Universe

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



73, 55.014, 319.938



71, 67.849, 320.231



74, 48.162, 335.667



48, 8.213, 318.690



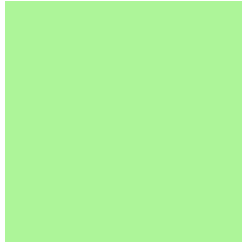
37, 93.209, 320.098



8, 41.267, 321.104

Previews

White Background



This preview shows how the CIE LCh color 90, 54.011, 136.242 looks on a white background.

Color Contrast Check

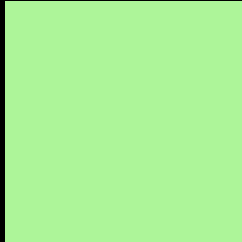
Large Text (above 18pt) WCAG AA × Fail

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, 54.011, 136.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

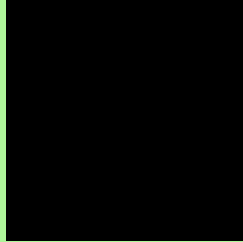
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 54.011, 136.242

Background



This preview shows how black text looks on a background with the CIELCh color 90, 54.011, 136.242.

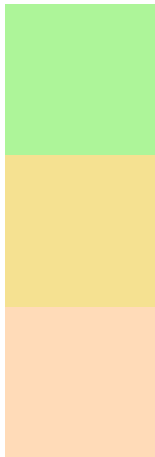


This preview shows how white text looks on a background with the CIELCh color 90, 54.011, 136.242.

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, 54.011, 136.242

Protanopia
90, 41.776, 95.534

Deuteranopia
90, 23.078, 71.186

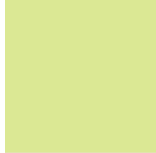


Tritanopia
90, 16.845, 232.571

Trichromacy



Original Color
90, 54.011, 136.242



Protanomaly
89, 43.027, 113.555

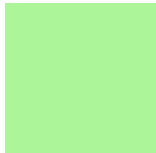


Deuteranomaly
89, 28.325, 110.187

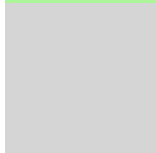


Tritanomaly
90, 22.141, 166.816

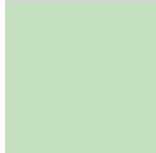
Monochromacy



Original Color
90, 54.011, 136.242



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 20.394, 137.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 54.011, 136.242 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(173, 245, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 245, 153)  
}
```

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(173, 245, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 245, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 54.011, 136.242 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(173, 245, 153) }
```

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

```
.border{ border-color:rgb(173, 245, 153) }
```

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

Here you see how a box with a 4 pixel rgb(173, 245, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 245, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 245, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 245,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 54.011, 136.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 245, 153) }
```

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

```
.background{ background-color: rgb(173,  
245, 153) }
```

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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