

Converting Colors

CIELCh(99, 5.063, 136.269)

Have a look what the booklet for
CIELCh(99, 5.063, 136.269) contains.

CIELCh(99, 5.051, 134.563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 5.051, 134.563)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEF5
RGB	248, 254, 245
RGB Percent	97%, 100%, 96%
CMY	0.0274, 0.0039, 0.0392
CMYK	0.02, 0.00, 0.04, 0.00
HSL	100°, 82%, 98%
HSV	100°, 4%, 100%
XYZ	90.6377, 97.4360, 100.4188
YIQ	251.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

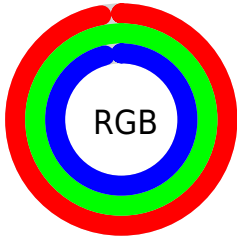
Format	Color
R_{YB}	245, 254, 251
Decimal	16318197
CIE _{Lab}	99.00, -3.54, 3.60
CIE _{LCh}	99, 5.051, 134.563
Yxy	97.4360, 0.3142, 0.3377
Android (android.graphics.Color)	4294508277 (0xFF8FEF5)
YUV	251.1800, -3.0467, -2.7889
Hunter-Lab	98.7097, -8.8389, 8.7802

Details

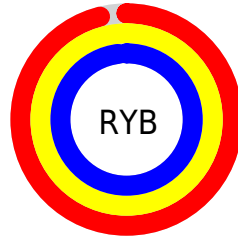
The CIELCh color 99, 5.051, 134.563 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.089, 314.782, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.660, 133.180 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.415, 134.092, and if you desaturate by 10%, it is 100, 0.624, 323.967.

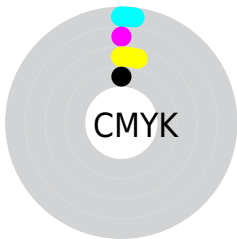
Distribution



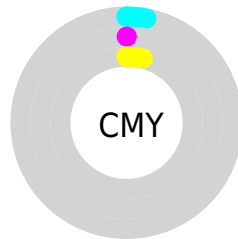
- Red (97%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.051, 134.563 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 99, 5.051, 134.563 by changing the saturation by 10% instead.

 99, 5.051, 134.563

 99, 5.051, 134.563

 100, 5.051,
134.563

 89, 5.051, 134.563

 79, 5.051, 134.563

 69, 5.051, 134.563


 59, 5.051, 134.563

 49, 5.051, 134.563

 39, 5.051, 134.563

 29, 5.051, 134.563

 19, 5.051, 134.563

 9, 5.051, 134.563

99, 5.051, 134.563

99, 5.051, 134.563

97, 19.415,
134.092

100, 0.624,
323.967

96, 33.800,
133.595

94, 48.057,
133.067


93, 61.974,
132.528

92, 75.254,
132.021

91, 87.479,
131.619

90, 98.100,
131.430

89, 106.483,
131.587

 89, 112.140,
132.196

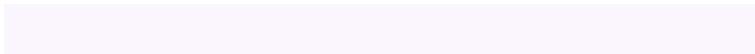
Harmonies

Complementary

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



99, 5.051, 134.563



97, 5.089, 314.782

Rectangle

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



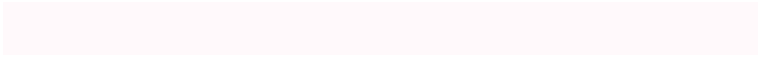
99, 5.051, 134.563



99, 5.051, 184.563



99, 5.051, 314.563



99, 5.051, 4.563

Sweetspot

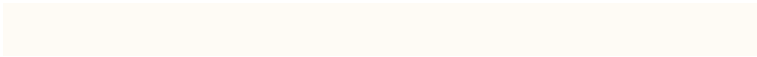
The Sweet Spot groups the original color and five complimentary colors.



99, 5.054, 134.569



100, 1.420, 134.779



99, 3.212, 90.597



53, 0.807, 134.788



0, 0.000, 0.000



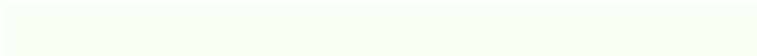
53, 0.007, 296.813

Same Dimension

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



99, 5.054, 134.569



99, 5.723, 134.545



99, 4.977, 149.245



53, 4.070, 134.507



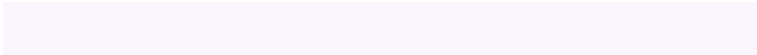
68, 92.248, 132.538



23, 40.979, 131.328

Inverse Universe

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



97, 5.089, 314.782



97, 5.762, 314.805



97, 4.998, 329.535



51, 4.098, 314.842



35, 97.075, 316.314



8, 44.318, 317.559

Previews

White Background



This preview shows how the CIElCh color 99, 5.051, 134.563 looks on a white background.

Color Contrast Check

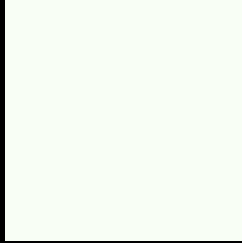
Large Text (above 18pt) WCAG AA × Fail

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 99, 5.051, 134.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

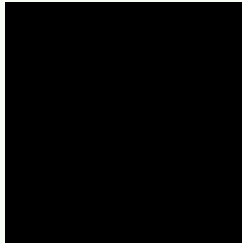
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.051, 134.563

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.051, 134.563.



This preview shows how white text looks on a background with the CIELCh color 99, 5.051, 134.563.

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

A vertical rectangular area divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. Each section contains text describing a color vision condition and its associated RGB values.

Original Color

99, 5.051, 134.563

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.051, 134.563

Protanomaly

99, 3.061, 116.535

Deuteranomaly

99, 1.514, 110.013

Tritanomaly

99, 1.232, 144.648

Monochromacy



Original Color

99, 5.051, 134.563



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.677, 134.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.051, 134.563 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(248, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 245)  
}
```

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(248, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.051, 134.563 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(248, 254, 245) }
```

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

```
.border{ border-color:rgb(248, 254, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 254, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.051, 134.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 245) }
```

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

```
.background{ background-color: rgb(248,  
254, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor