

Converting Colors

CIELCh(99, 3.456, 149.174)

Have a look what the booklet for
CIELCh(99, 3.456, 149.174) contains.

CIELCh(99, 3.310, 149.356)	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, 3.310, 149.356)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEF9
RGB	248, 254, 249
RGB Percent	97%, 100%, 98%
CMY	0.0285, 0.0050, 0.0246
CMYK	0.02, 0.00, 0.02, 0.00
HSL	130°, 70%, 98%
HSV	130°, 2%, 100%
XYZ	91.0230, 97.4360, 103.4061
YIQ	251.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

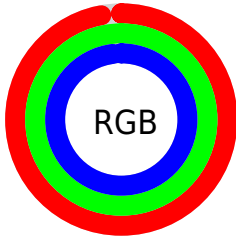
Format	Color
R_{YB}	248, 253, 254
Decimal	16318201
CIE Lab	99.00, -2.85, 1.69
CIE LCh	99, 3.310, 149.356
Yxy	97.4360, 0.3119, 0.3338
Android (android.graphics.Color)	4294508281 (0xFF8FEF9)
YUV	251.6360, -1.2995, -3.1888
Hunter-Lab	98.7097, -8.1420, 6.9859

Details

The CIELCh color 99, 3.310, 149.356 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.333, 329.425, 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, 2.826, 150.480 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.467, 148.596, and if you desaturate by 10%, it is 100, 0.798, 324.082.

Distribution



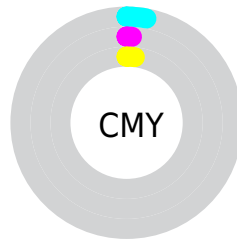
- Red (97%)
- Green (100%)
- Blue (98%)



- Red (97%)
- Yellow (99%)
- Blue (100%)



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




- Cyan (3%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.310, 149.356 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, 3.310, 149.356 by changing the saturation by 10% instead.

 99, 3.310, 149.356

 99, 3.310, 149.356

 100, 3.310,
149.356

 89, 3.310, 149.356

 79, 3.310, 149.356

 69, 3.310, 149.356

 59, 3.310, 149.356

 49, 3.310, 149.356

 39, 3.310, 149.356

 29, 3.310, 149.356

 19, 3.310, 149.356

 9, 3.310, 149.356

99, 3.310, 149.356

99, 3.310, 149.356

97, 17.467,
148.596

100, 0.798,
324.082

95, 31.689,
147.806

93, 45.780,
146.893

91, 59.487,
145.835

90, 72.509,
144.620

89, 84.510,
143.249

88, 95.138,
141.749

88, 104.048,
140.181

■ 88,110.940,
138.649

Harmonies

Complementary

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



99, 3.310, 149.356



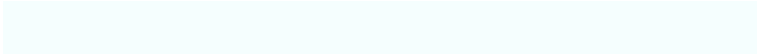
98, 3.333, 329.425

Rectangle

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



99, 3.310, 149.356



99, 3.310, 199.356



99, 3.310, 329.356



99, 3.310, 19.356

Sweetspot

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



99, 3.313, 149.353



100, 1.398, 149.586



99, 3.057, 115.881



53, 0.795, 149.602



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, 3.313, 149.353



99, 4.222, 149.290



99, 2.357, 172.609



53, 3.204, 149.222



68, 92.244, 137.872



23, 40.216, 140.152

Inverse Universe

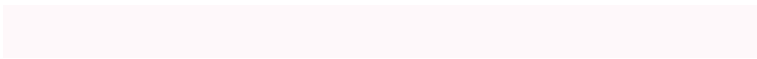
The Inverse Universe completely reimagines the original color for something new.



98, 3.333, 329.425



98, 4.243, 329.486



98, 2.383, 352.575



52, 3.217, 329.553



44, 81.713, 336.213



12, 38.174, 335.095

Previews

White Background



This preview shows how the CIE LCh color 99, 3.310, 149.356 looks on a white background.

Color Contrast Check

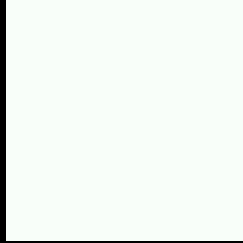
Large Text (above 18pt) WCAG AA × Fail

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, 3.310, 149.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

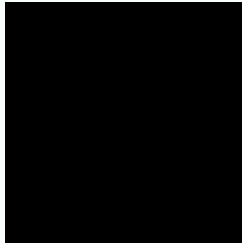
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.310, 149.356

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.310, 149.356.



This preview shows how white text looks on a background with the CIELCh color 99, 3.310, 149.356.

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

99, 3.310, 149.356

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color
99, 3.310, 149.356

Protanomaly
99, 1.514, 110.013

Deuteranomaly
99, 0.497, 109.986

Tritanomaly
99, 1.044, 199.970

Monochromacy

Original Color
99, 3.310, 149.356

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 1.233, 144.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.310, 149.356 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.310, 149.356 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, 249) }
```

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

```
.border{ border-color:rgb(248, 254, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.310, 149.356 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, 249) }
```

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

```
.background{ background-color: rgb(248,  
254, 249) }
```

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