

Converting Colors

CIELCh(99, 2.798, 149.910)

Have a look what the booklet for
CIELCh(99, 2.798, 149.910) contains.

CIELCh(99, 2.692, 150.542)	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, 2.692, 150.542)

Conversions

Conversions Part 1

Format	Color
Hex	F8FDF9
RGB	248, 253, 249
RGB Percent	97%, 99%, 98%
CMY	0.0257, 0.0061, 0.0218
CMYK	0.02, 0.00, 0.02, 0.01
HSL	132°, 62%, 98%
HSV	132°, 2%, 99%
XYZ	91.3024, 97.4360, 103.9803
YIQ	251.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

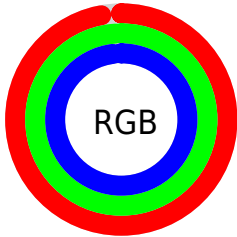
Format	Color
R _Y B	248, 252, 253
Decimal	16317945
CIE Lab	99.00, -2.34, 1.32
CIE LCh	99, 2.692, 150.542
Yxy	97.4360, 0.3119, 0.3329
Android (android.graphics.Color)	4294508025 (0xFF8FD9)
YUV	251.0490, -1.0102, -2.6740
Hunter-Lab	98.7097, -7.6367, 6.6410

Details

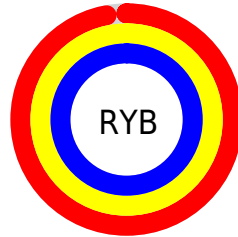
The CIELCh color 99, 2.692, 150.542 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.715, 330.510, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 2.180, 152.355 is the 20% darker color. If you saturate the color by 10%, you get 97, 16.494, 149.742, and if you desaturate by 10%, it is 100, 0.971, 324.157.

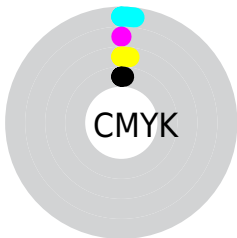
Distribution



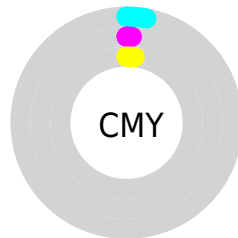
- Red (97%)
- Green (99%)
- Blue (98%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.692, 150.542 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, 2.692, 150.542 by changing the saturation by 10% instead.

 99, 2.692, 150.542

 99, 2.692, 150.542

 100, 2.692,
150.542

 89, 2.692, 150.542

 79, 2.692, 150.542

 69, 2.692, 150.542

 59, 2.692, 150.542

 49, 2.692, 150.542

 39, 2.692, 150.542

 29, 2.692, 150.542

 19, 2.692, 150.542

 9, 2.692, 150.542

99, 2.692, 150.542

99, 2.692, 150.542

97, 16.494,
149.742

100, 0.971,
324.157

95, 30.361,
148.943

93, 44.106,
148.021

91, 57.491,
146.953

90, 70.235,
145.724

89, 82.027,
144.328

88, 92.550,
142.782

88, 101.507,
141.131

■ 88, 108.646,
139.466

Harmonies

Complementary

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



99, 2.692, 150.542



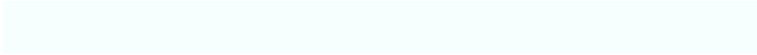
98, 2.715, 330.510

Rectangle

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



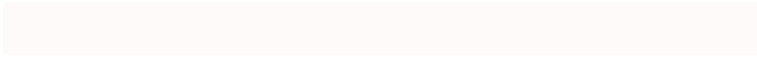
99, 2.692, 150.542



99, 2.692, 200.542



99, 2.692, 330.542



99, 2.692, 20.542

Sweetspot

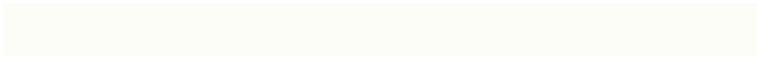
The Sweet Spot groups the original color and five complimentary colors.



99, 2.695, 150.537



100, 1.365, 150.732



99, 2.555, 117.216



53, 0.776, 150.750



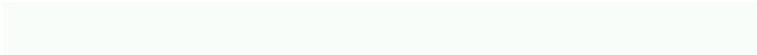
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 2.695, 150.537



100, 2.743, 150.533



99, 1.927, 174.927



53, 1.559, 150.547



68, 90.830, 138.520



23, 39.450, 140.975

Inverse Universe

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



98, 2.715, 330.510



99, 2.763, 330.513



98, 1.949, 354.708



53, 1.571, 330.500



43, 79.689, 338.176



11, 37.329, 336.744

Previews

White Background



This preview shows how the CIElCh color 99, 2.692, 150.542 looks on a white background.

Color Contrast Check

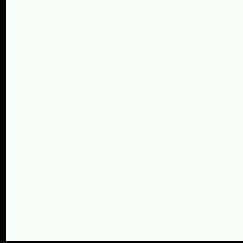
Large Text (above 18pt) WCAG AA × Fail

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, 2.692, 150.542 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, 2.692, 150.542

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.692, 150.542.

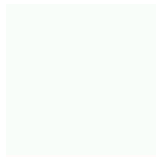


This preview shows how white text looks on a background with the CIELCh color 99, 2.692, 150.542.

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, 2.692, 150.542



Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.692, 150.542

Protanomaly

99, 1.061, 90.708

Deuteranomaly

99, 0.605, 74.599

Tritanomaly

99, 0.696, 200.307

Monochromacy



Original Color

99, 2.692, 150.542

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, 2.692, 150.542 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, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 253, 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, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 253, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.692, 150.542 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, 253, 249) }
```

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

```
.border{ border-color:rgb(248, 253, 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, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 253,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.692, 150.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 253, 249) }
```

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

```
.background{ background-color: rgb(248,  
253, 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