

Converting Colors

CIELCh(99, 7.292, 136.595)

Have a look what the booklet for
CIELCh(99, 7.292, 136.595) contains.

CIELCh(99, 7.352, 135.304)	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, 7.352, 135.304)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFF2
RGB	246, 255, 242
RGB Percent	96%, 100%, 95%
CMY	0.0357, 0.0004, 0.0514
CMYK	0.04, 0.00, 0.05, 0.00
HSL	102°, 99%, 97%
HSV	102°, 5%, 100%
XYZ	89.7116, 97.4360, 98.0053
YIQ	250.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

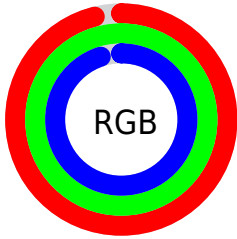
Format	Color
R_{YB}	242, 255, 251
Decimal	16187378
CIE _{Lab}	99.00, -5.23, 5.17
CIE _{LCh}	99, 7.352, 135.304
Yxy	97.4360, 0.3146, 0.3417
Android (android.graphics.Color)	4294377458 (0xFFFF6FFF2)
YUV	250.8270, -4.3517, -4.2333
Hunter-Lab	98.7097, -10.5135, 10.2298

Details

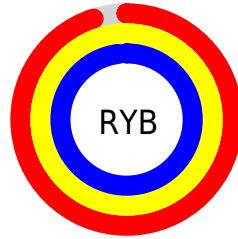
The CIELCh color 99, 7.352, 135.304 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 7.403, 315.678, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.072, 134.442 is the 20% darker color. If you saturate the color by 10%, you get 97, 21.877, 134.828, and if you desaturate by 10%, it is 100, 0.069, 319.934.

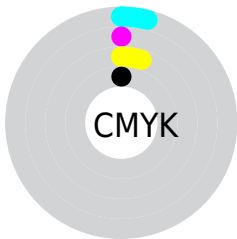
Distribution



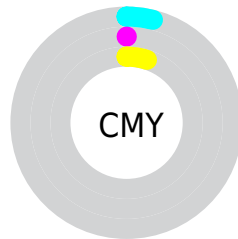
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.352, 135.304 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, 7.352, 135.304 by changing the saturation by 10% instead.

 99, 7.352, 135.304

 99, 7.352, 135.304

 100, 7.352,
135.304

 89, 7.352, 135.304

 79, 7.352, 135.304

 69, 7.352, 135.304

 59, 7.352, 135.304

 49, 7.352, 135.304

 39, 7.352, 135.304

 29, 7.352, 135.304

 19, 7.352, 135.304

 9, 7.352, 135.304

99, 7.352, 135.304

99, 7.352, 135.304

97, 21.877,
134.828

100, 0.069,
319.934

96, 36.408,
134.316

94, 50.782,
133.769


93, 64.769,
133.210

92, 78.047,
132.684

91, 90.170,
132.269

90, 100.559,
132.078

89, 108.578,
132.244

 89,113.789,
132.861

Harmonies

Complementary

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



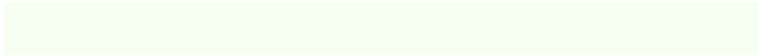
99, 7.352, 135.304



96, 7.403, 315.678

Rectangle

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



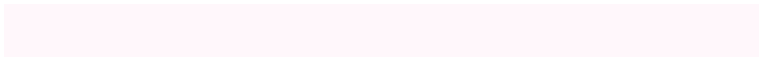
99, 7.352, 135.304



99, 7.352, 185.304



99, 7.352, 315.304



99, 7.352, 5.304

Sweetspot

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



99, 7.355, 135.308



100, 2.873, 135.486



99, 4.726, 91.748



53, 1.633, 135.494



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, 7.355, 135.308



99, 8.659, 135.264



99, 7.109, 149.683



53, 5.746, 135.233



68, 92.810, 133.041



23, 41.245, 131.914

Inverse Universe

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



96, 7.403, 315.678



96, 8.718, 315.720



97, 7.134, 330.216



51, 5.786, 315.750



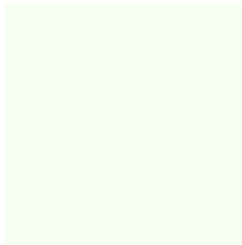
35, 96.600, 317.103



8, 44.142, 318.288

Previews

White Background



This preview shows how the CIELCh color 99, 7.352, 135.304 looks on a white background.

Color Contrast Check

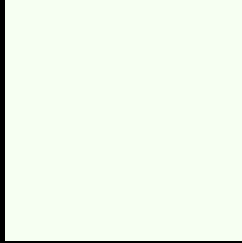
Large Text (above 18pt) WCAG AA × Fail

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, 7.352, 135.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

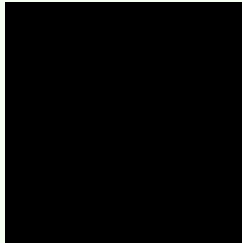
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.352, 135.304

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.352, 135.304.

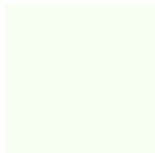


This preview shows how white text looks on a background with the CIELCh color 99, 7.352, 135.304.

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, 7.352, 135.304



Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 7.352, 135.304

Protanomaly

99, 4.072, 114.835

Deuteranomaly

99, 2.022, 109.988

Tritanomaly

99, 1.853, 144.542

Monochromacy



Original Color

99, 7.352, 135.304

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.293, 137.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.352, 135.304 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(246, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 242)  
}
```

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(246, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.352, 135.304 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(246, 255, 242) }
```

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

```
.border{ border-color:rgb(246, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.352, 135.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 242) }
```

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

```
.background{ background-color: rgb(246,  
255, 242) }
```

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