

Converting Colors

CIELCh(100, 16.626, 119.109)

Have a look what the booklet for
CIELCh(100, 16.626, 119.109)
contains.

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Color

CIElCh(99, 14.762, 114.719)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE2
RGB	251, 255, 226
RGB Percent	98%, 100%, 89%
CMY	0.0161, 0.0004, 0.1141
CMYK	0.02, 0.00, 0.11, 0.00
HSL	68°, 99%, 94%
HSV	68°, 11%, 100%
XYZ	89.1930, 97.4360, 85.9894
YIQ	250.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

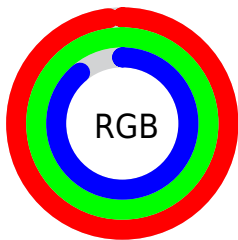
Format	Color
R_{YB}	226, 255, 230
Decimal	16515042
CIE _{Lab}	99.00, -6.17, 13.41
CIE _{LCh}	99, 14.762, 114.719
Yxy	97.4360, 0.3272, 0.3574
Android (android.graphics.Color)	4294705122 (0xFFFFBFFE2)
YUV	250.4980, -12.0775, 0.4403
Hunter-Lab	98.7097, -11.4513, 17.4472

Details

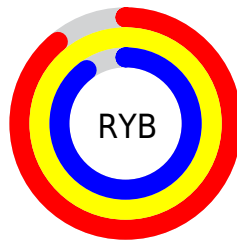
The CIELCh color **99, 14.762, 114.719** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 15.148, 296.531**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 14.420, 114.976** is the 20% darker color. If you saturate the color by 10%, you get **98, 27.654, 113.949**, and if you desaturate by 10%, it is **100, 1.780, 115.483**.

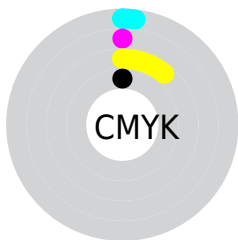
Distribution



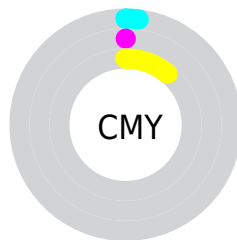
- Red (98%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 14.762, 114.719 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, 14.762, 114.719 by changing the saturation by 10% instead.


 99, 14.762,
114.719


 99, 14.762,
114.719


 100, 14.762,
114.719


 89, 14.762,
114.719


 79, 14.762,
114.719

 69, 14.762,
114.719

 59, 14.762,
114.719

 49, 14.762,
114.719

 39, 14.762,
114.719

 29, 14.762,

114.719

■ 19, 14.762,
114.719

■ 9, 14.762, 114.719

■ 99, 14.762,
114.719

■ 99, 14.762,
114.719

■ 98, 27.654,
113.949

■ 100, 1.780,
115.483

■ 98, 40.346,
113.177

■ 100, 0.066,
319.756

■ 97, 52.680,
112.434

■ 96, 64.413,
111.757

■ 96, 75.179,
111.195

■ 95, 84.465,
110.815

■ 95, 91.654,
110.698

■ 95, 96.225,
110.916

■ 95, 98.204,
111.363

Harmonies

Complementary

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



99, 14.762, 114.719



91, 15.148, 296.531

Rectangle

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



99, 14.762, 114.719



99, 14.762, 164.719



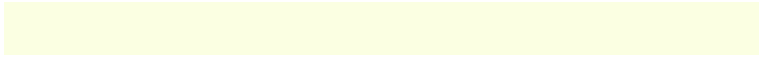
99, 14.762, 294.719



99, 14.762, 344.719

Sweetspot

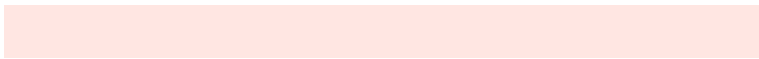
The Sweet Spot groups the original color and five complimentary colors.



99, 14.764, 114.725



100, 3.891, 115.365



93, 9.391, 32.136



53, 2.951, 115.305



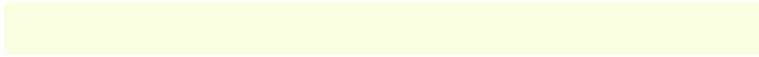
0, 0.000, 0.000



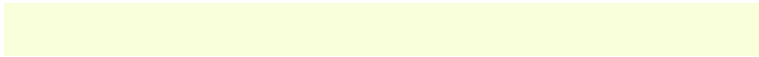
53, 0.007, 296.813

Same Dimension

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



99, 14.764, 114.725



99, 18.162, 114.522



98, 16.193, 133.108



53, 7.382, 114.870



73, 79.085, 111.224



25, 35.830, 110.518

Inverse Universe

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



91, 15.148, 296.531



89, 18.740, 296.770



92, 16.380, 314.054



49, 7.544, 296.365



24, 106.894, 306.802



4, 44.437, 304.412

Previews

White Background



This preview shows how the CIELCh color 99, 14.762, 114.719 looks on a white background.

Color Contrast Check

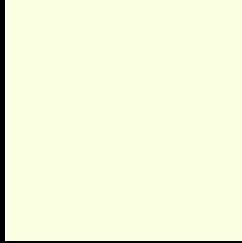
Large Text (above 18pt) WCAG AA × Fail

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 99, 14.762, 114.719 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, 14.762, 114.719

Background



This preview shows how black text looks on a background with the CIELCh color 99, 14.762, 114.719.



This preview shows how white text looks on a background with the CIELCh color 99, 14.762, 114.719.

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, 14.762, 114.719



Protanopia
99, 3.691, 93.151

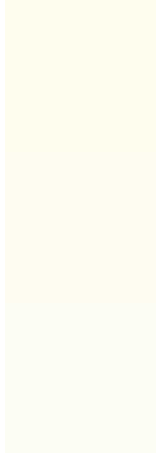
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color
99, 14.762, 114.719



Protanomaly
99, 7.608, 106.899

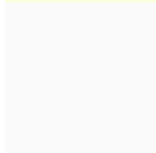
Deuteranomaly
99, 5.616, 102.454

Tritanomaly
99, 4.578, 114.254

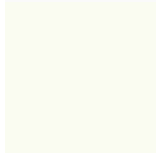
Monochromacy



Original Color
99, 14.762, 114.719



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 5.633, 116.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 14.762, 114.719 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(251, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 226)  
}
```

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(251, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 14.762, 114.719 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(251, 255, 226) }
```

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

```
.border{ border-color:rgb(251, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 14.762, 114.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 226) }
```

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

```
.background{ background-color: rgb(251,  
255, 226) }
```

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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