

Converting Colors

CIELCh(100, 17.582, 118.464)

Have a look what the booklet for
CIELCh(100, 17.582, 118.464)
contains.

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Color

CIElCh(99, 15.264, 114.502)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE1
RGB	251, 255, 225
RGB Percent	98%, 100%, 88%
CMY	0.0158, 0.0001, 0.1178
CMYK	0.02, 0.00, 0.12, 0.00
HSL	68°, 100%, 94%
HSV	68°, 12%, 100%
XYZ	89.1070, 97.4360, 85.3212
YIQ	250.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

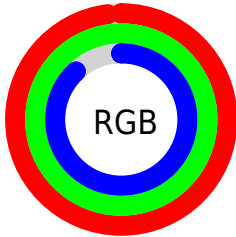
Format	Color
R_{YB}	225, 255, 229
Decimal	16515041
CIE _{Lab}	99.00, -6.33, 13.89
CIE _{LCh}	99, 15.264, 114.502
Yxy	97.4360, 0.3278, 0.3584
Android (android.graphics.Color)	4294705121 (0xFFFFBFFE1)
YUV	250.3840, -12.5143, 0.5402
Hunter-Lab	98.7097, -11.6068, 17.8486

Details

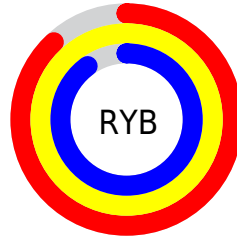
The CIELCh color **99, 15.264, 114.502** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 15.676, 296.395**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 14.946, 114.722** is the 20% darker color. If you saturate the color by 10%, you get **98, 28.148, 113.725**, and if you desaturate by 10%, it is **100, 2.287, 115.274**.

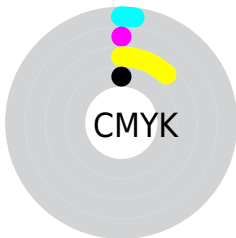
Distribution



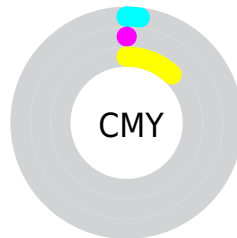
- Red (98%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 15.264, 114.502 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, 15.264, 114.502 by changing the saturation by 10% instead.


 99, 15.264,
114.502


 99, 15.264,
114.502


 100, 15.264,
114.502


 89, 15.264,
114.502

 79, 15.264,
114.502

 69, 15.264,
114.502

 59, 15.264,
114.502

 49, 15.264,
114.502

 39, 15.264,
114.502

 29, 15.264,

114.502

■ 19, 15.264,
114.502

■ 9, 15.264, 114.502

■ 99, 15.264,
114.502

■ 99, 15.264,
114.502

■ 98, 28.148,
113.725

■ 100, 2.287,
115.274

■ 98, 40.826,
112.948

■ 100, 0.028,
313.248

■ 97, 53.138,
112.201

■ 96, 64.837,
111.520

■ 96, 75.550,
110.957

■ 96, 84.759,
110.577

■ 95, 91.844,
110.460

■ 95, 96.295,
110.676

■ 95, 98.140,
111.091

Harmonies

Complementary

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



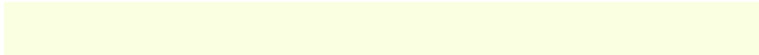
99, 15.264, 114.502



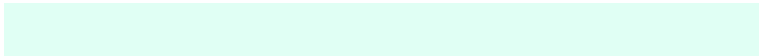
91, 15.676, 296.395

Rectangle

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



99, 15.264, 114.502



99, 15.264, 164.502



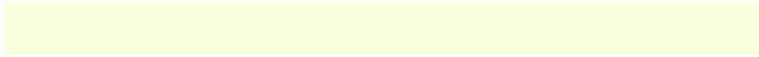
99, 15.264, 294.502



99, 15.264, 344.502

Sweetspot

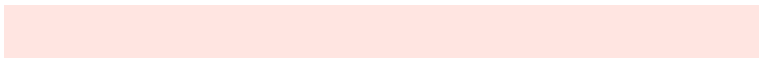
The Sweet Spot groups the original color and five complimentary colors.



99, 15.266, 114.508



100, 5.189, 115.107



93, 9.730, 32.147



53, 3.689, 115.050



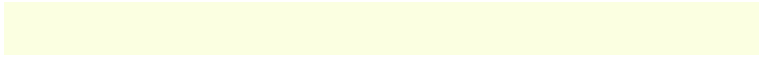
0, 0.000, 0.000



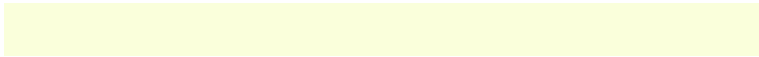
53, 0.007, 296.813

Same Dimension

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



99, 15.266, 114.508



99, 18.155, 114.334



98, 16.753, 133.090



53, 7.379, 114.684



73, 79.021, 110.955



25, 35.809, 110.274

Inverse Universe

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



91, 15.676, 296.395



89, 18.734, 296.601



92, 16.952, 314.072



49, 7.542, 296.193



24, 106.939, 306.776



4, 44.428, 304.330

Previews

White Background



This preview shows how the CIE LCh color 99, 15.264, 114.502 looks on a white background.

Color Contrast Check

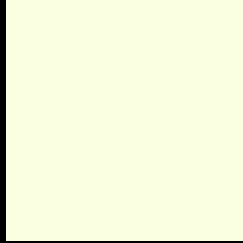
Large Text (above 18pt) WCAG AA × Fail

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, 15.264, 114.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

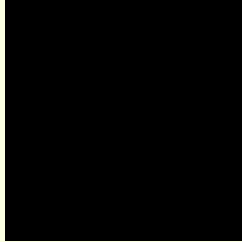
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 15.264, 114.502

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.264, 114.502.



This preview shows how white text looks on a background with the CIELCh color 99, 15.264, 114.502.

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, 15.264, 114.502



Protanopia
99, 3.691, 93.151

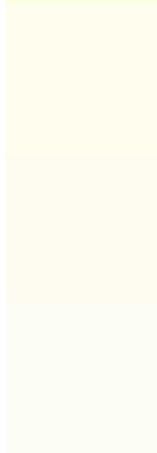
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color
99, 15.264, 114.502



Protanomaly
99, 7.608, 106.899

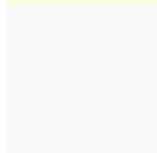
Deuteranomaly
99, 5.616, 102.454

Tritanomaly
99, 4.578, 114.254

Monochromacy



Original Color
99, 15.264, 114.502



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, 15.264, 114.502 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.264, 114.502 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, 225) }
```

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

```
.border{ border-color:rgb(251, 255, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.264, 114.502 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, 225) }
```

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

```
.background{ background-color: rgb(251,  
255, 225) }
```

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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