

Converting Colors

CIELCh(100, 11.358, 72.845)

Have a look what the booklet for
CIELCh(100, 11.358, 72.845)
contains.

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Color

CIELCh(99, 9.185, 102.719)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDEB
RGB	255, 253, 235
RGB Percent	100%, 99%, 92%
CMY	0.0000, 0.0090, 0.0796
CMYK	0.00, 0.01, 0.08, 0.00
HSL	53°, 100%, 96%
HSV	53°, 8%, 100%
XYZ	91.4812, 97.4360, 92.3493
YIQ	251.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

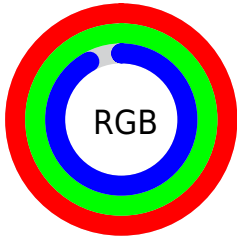
Format	Color
R_{YB}	237, 255, 235
Decimal	16776683
CIE Lab	99.00, -2.02, 8.96
CIE LCh	99, 9.185, 102.719
Yxy	97.4360, 0.3252, 0.3464
Android (android.graphics.Color)	4294966763 (0xFFFFFDEB)
YUV	251.5460, -8.1572, 3.0292
Hunter-Lab	98.7097, -7.3135, 13.6271

Details

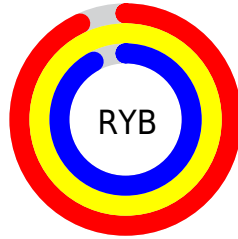
The CIELCh color 99, 9.185, 102.719 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 9.301, 286.074, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 9.066, 104.539 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.692, 103.236, and if you desaturate by 10%, it is 100, 0.012, 296.813.

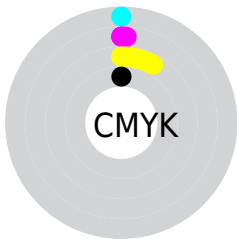
Distribution



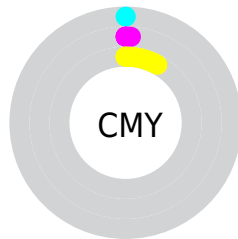
- Red (100%)
- Green (99%)
- Blue (92%)



- Red (93%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.185, 102.719 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, 9.185, 102.719 by changing the saturation by 10% instead.

 99, 9.185, 102.719

 99, 9.185, 102.719

 100, 9.185,
102.719

 89, 9.185, 102.719

 79, 9.185, 102.719

 69, 9.185, 102.719

 59, 9.185, 102.719

 49, 9.185, 102.719

 39, 9.185, 102.719

 29, 9.185, 102.719

 19, 9.185, 102.719

 9, 9.185, 102.719

99, 9.185, 102.719

99, 9.185, 102.719

98, 20.692,
103.236

100, 0.012,
296.813

96, 32.170,
102.135

95, 43.493,
101.026

94, 54.484, 99.924

93, 64.856, 98.846

92, 74.155, 97.810

91, 81.743, 96.829

91, 86.888, 95.906

90, 89.178, 95.021

Harmonies

Complementary

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



99, 9.185, 102.719



94, 9.301, 286.074

Rectangle

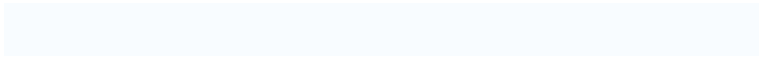
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 9.185, 102.719



99, 9.185, 152.719



99, 9.185, 282.719



99, 9.185, 332.719

Sweetspot

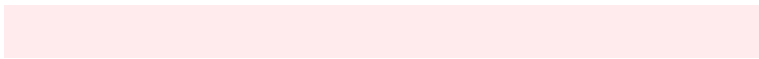
The Sweet Spot groups the original color and five complimentary colors.



99, 9.163, 104.312



100, 2.291, 104.902



95, 7.395, 10.398



53, 1.302, 104.910



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, 9.163, 104.312



99, 11.512, 104.097



99, 10.687, 124.500



53, 6.544, 104.149



69, 72.143, 94.994



24, 32.521, 96.205

Inverse Universe

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



94, 9.301, 286.074



93, 11.718, 286.317



94, 10.847, 305.298



49, 6.657, 286.257



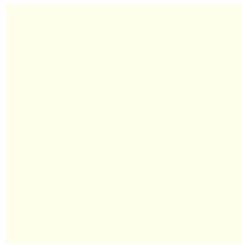
25, 102.015, 304.754



5, 40.537, 299.694

Previews

White Background



This preview shows how the CIE LCh color 99, 9.185, 102.719 looks on a white background.

Color Contrast Check

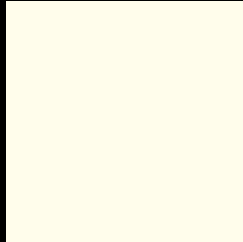
Large Text (above 18pt) WCAG AA × Fail

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, 9.185, 102.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

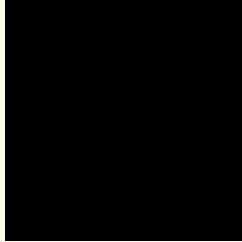
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.185, 102.719

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.185, 102.719.



This preview shows how white text looks on a background with the CIELCh color 99, 9.185, 102.719.

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, 9.146, 104.969



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 9.146, 104.969

Protanomaly

99, 5.171, 97.859

Deuteranomaly

99, 3.691, 93.151

Tritanomaly

99, 2.134, 90.698

Monochromacy



Original Color

99, 9.146, 104.969



Achromatopsia

99, 0.012, 296.813



Achromatomaly

99, 3.547, 109.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.185, 102.719 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(255, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 235)  
}
```

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(255, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.185, 102.719 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(255, 253, 235) }
```

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

```
.border{ border-color:rgb(255, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.185, 102.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 235) }
```

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

```
.background{ background-color: rgb(255,  
253, 235) }
```

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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