

Converting Colors

CIELCh(99, 23.792, 111.968)

Have a look what the booklet for
CIELCh(99, 23.792, 111.968)
contains.

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Color

CIECh(99, 23.267, 111.168)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD2
RGB	253, 255, 210
RGB Percent	99%, 100%, 82%
CMY	0.0090, 0.0000, 0.1777
CMYK	0.01, 0.00, 0.18, 0.00
HSL	63°, 100%, 91%
HSV	63°, 18%, 100%
XYZ	87.9802, 97.4360, 74.9352
YIQ	249.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

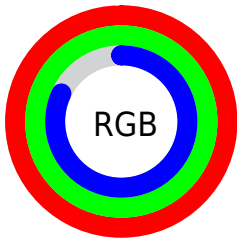
Format	Color
R _Y B	210, 255, 212
Decimal	16646098
CIE Lab	99.00, -8.40, 21.70
CIE LCh	99, 23.267, 111.168
Yxy	97.4360, 0.3379, 0.3742
Android (android.graphics.Color)	4294836178 (0xFFFDFFD2)
YUV	249.2720, -19.3611, 3.2695
Hunter-Lab	98.7097, -13.6444, 24.0870

Details

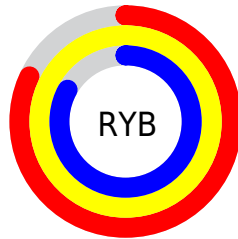
The CIELCh color **99, 23.267, 111.168** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 23.873, 293.984**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 22.762, 110.076** is the 20% darker color. If you saturate the color by 10%, you get **98, 35.620, 109.676**, and if you desaturate by 10%, it is **99, 10.041, 111.474**.

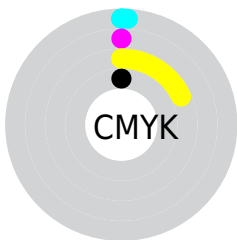
Distribution



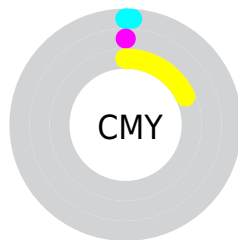
- Red (99%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 23.267, 111.168 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, 23.267, 111.168 by changing the saturation by 10% instead.


 99, 23.267,
111.168


 99, 23.267,
111.168


 100, 23.267,
111.168


 89, 23.267,
111.168

 79, 23.267,
111.168

 69, 23.267,
111.168

 59, 23.267,
111.168

 49, 23.267,
111.168

 39, 23.267,
111.168

 29, 23.267,

111.168

■ 19, 23.267,
111.168

■ 9, 23.267, 111.168

■ 99, 23.267,
111.168

■ 99, 23.267,
111.168

■ 98, 35.620,
109.676

■ 99, 10.041,
111.474

■ 98, 48.033,
108.795

100, 0.012,
296.813

■ 97, 59.938,
107.961

■ 97, 71.012,
107.209

■ 97, 80.787,
106.586

■ 97, 88.663,
106.147

■ 96, 94.046,
105.946

■ 96, 96.716,
106.003

■ 96, 97.111,
106.034

Harmonies

Complementary

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



99, 23.267, 111.168



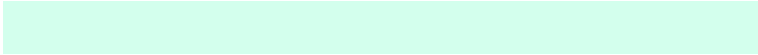
86, 23.873, 293.984

Rectangle

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



99, 23.267, 111.168



99, 23.267, 161.168



99, 23.267, 291.168



99, 23.267, 341.168

Sweetspot

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



99, 22.910, 110.576



100, 6.460, 111.718



88, 16.181, 24.694



53, 4.408, 111.656



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

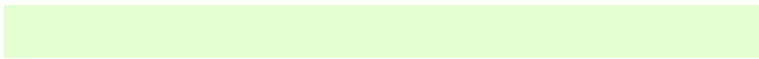
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 22.910, 110.576



99, 27.037, 110.285



97, 24.779, 130.008



53, 7.345, 111.319



74, 78.212, 105.980



26, 35.556, 105.792

Inverse Universe

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



86, 23.873, 293.984



83, 28.400, 294.373



87, 25.323, 311.587



49, 7.512, 293.077



23, 107.529, 306.430



4, 44.249, 302.774

Previews

White Background



This preview shows how the CIE LCh color 99, 23.267, 111.168 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, 23.267, 111.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

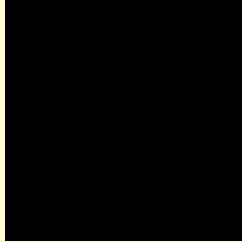
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 23.267, 111.168

Background



This preview shows how black text looks on a background with the CIELCh color 99, 23.267, 111.168.



This preview shows how white text looks on a background with the CIELCh color 99, 23.267, 111.168.

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, 22.747, 110.329



Protanopia
99, 4.769, 92.440

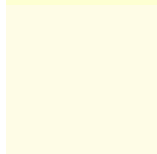
Deuteranopia
99, 1.723, 55.170

Tritanopia
99, 2.311, 317.261

Trichromacy



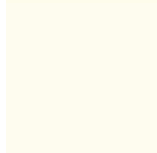
Original Color
99, 22.747, 110.329



Protanomaly
99, 11.177, 105.609



Deuteranomaly
99, 8.647, 104.746

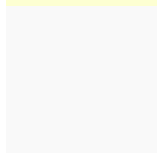


Tritanomaly
99, 6.625, 103.475

Monochromacy



Original Color
99, 22.747, 110.329



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 8.136, 112.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 23.267, 111.168 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(253, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 210)  
}
```

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(253, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 23.267, 111.168 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(253, 255, 210) }
```

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

```
.border{ border-color:rgb(253, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 23.267, 111.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 210) }
```

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

```
.background{ background-color: rgb(253,  
255, 210) }
```

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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