

Converting Colors

CIELCh(100, 46.068, 282.540)

Have a look what the booklet for
CIELCh(100, 46.068, 282.540)
contains.

CIELCh(97, 10.501, 204.419)	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(97, 10.501, 204.419)

Conversions

Conversions Part 1

Format	Color
Hex	DDFCFE
RGB	221, 252, 254
RGB Percent	87%, 99%, 100%
CMY	0.1319, 0.0104, 0.0026
CMYK	0.13, 0.01, 0.00, 0.00
HSL	184°, 96%, 93%
HSV	184°, 13%, 100%
XYZ	82.7882, 92.4403, 107.5310
YIQ	242.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

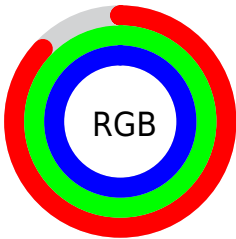
Format	Color
R _Y B	221, 237, 254
Decimal	14548222
CIE Lab	97.00, -9.56, -4.34
CIE LCh	97, 10.501, 204.419
Yxy	92.4403, 0.2928, 0.3269
Android (android.graphics.Color)	4292738302 (0xFFDDDFCFE)
YUV	242.9590, 5.4432, -19.2580
Hunter-Lab	96.1459, -14.5545, 0.9913

Details

The CIELCh color **97, 10.501, 204.419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 11.442, 25.293**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 10.240, 204.733** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.016, 204.141**, and if you desaturate by 10%, it is **99, 2.467, 204.928**.

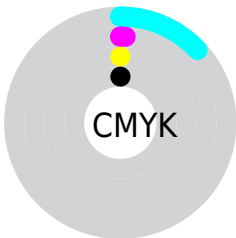
Distribution



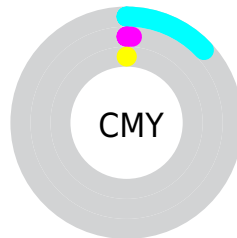
- Red (87%)
- Green (99%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 10.501, 204.419 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 97, 10.501, 204.419 by changing the saturation by 10% instead.


 97, 10.501,
204.419


 97, 10.501,
204.419


 100, 10.501,
204.419


 87, 10.501,
204.419


 77, 10.501,
204.419

 67, 10.501,
204.419

 57, 10.501,
204.419

 47, 10.501,
204.419

 37, 10.501,
204.419

 27, 10.501,

204.419

■ 17, 10.501,
204.419

■ 7, 10.501, 204.419

■ 97, 10.501,
204.419

■ 97, 10.501,
204.419

■ 95, 18.016,
204.141

■ 99, 2.467, 204.928

■ 93, 24.873,
203.980

100, 0.322,
109.914

■ 92, 30.933,
203.934

■ 90, 36.066,
204.021

■ 89, 40.168,
204.263

■ 88, 43.176,
204.680

■ 87, 45.092,
205.293

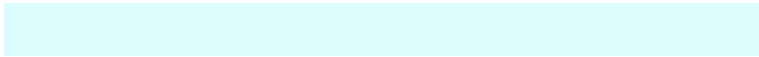
■ 87, 45.995,
206.117

■ 86, 46.176,
206.805

Harmonies

Complementary

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



97, 10.501, 204.419



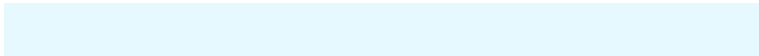
91, 11.442, 25.293

Rectangle

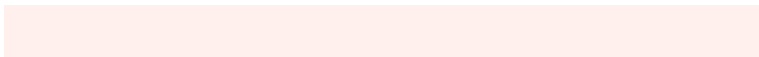
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



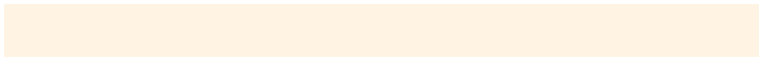
97, 10.501, 204.419



97, 10.501, 254.419



97, 10.501, 24.419



97, 10.501, 74.419

Sweetspot

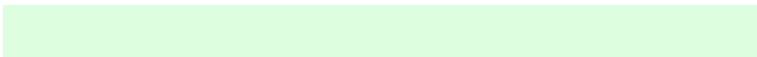
The Sweet Spot groups the original color and five complimentary colors.



97, 10.502, 204.408



99, 3.323, 204.824



97, 19.935, 145.016



53, 2.357, 204.767



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

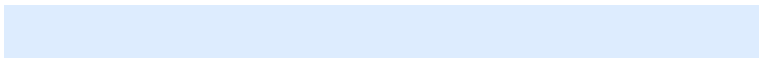
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 10.502, 204.408



97, 12.868, 204.315



93, 10.516, 262.469



52, 4.658, 204.532



67, 37.308, 206.612



22, 17.306, 205.286

Inverse Universe

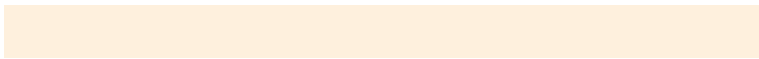
The Inverse Universe completely reimagines the original color for something new.



92, 19.820, 326.830



90, 24.534, 327.007



95, 10.753, 78.943



50, 8.691, 326.626



45, 88.759, 330.802



12, 41.068, 330.475

Previews

White Background



This preview shows how the CIE LCh color 97, 10.501, 204.419 looks on a white background.

Color Contrast Check

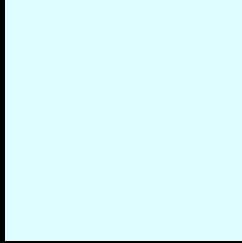
Large Text (above 18pt) WCAG AA × Fail

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 97, 10.501, 204.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

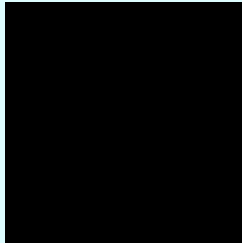
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

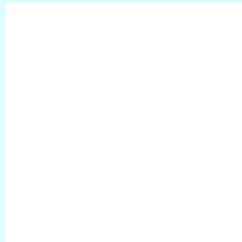
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 10.501, 204.419

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.501, 204.419.

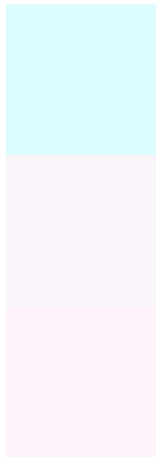


This preview shows how white text looks on a background with the CIELCh color 97, 10.501, 204.419.

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](#).

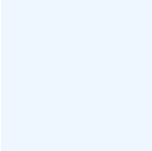
Dichromacy



Original Color
97, 10.508, 204.417

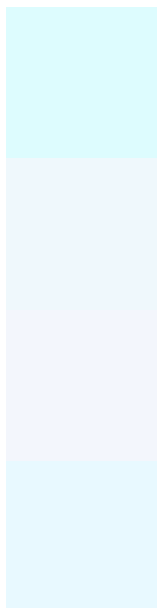
Protanopia
97, 2.940, 318.817

Deuteranopia
97, 5.909, 335.926



Tritanopia
97, 5.086, 253.088

Trichromacy



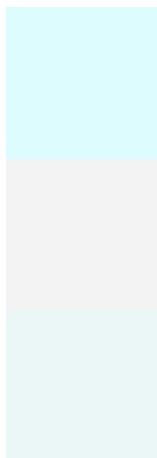
Original Color
97, 10.508, 204.417

Protanomaly
97, 3.695, 233.059

Deuteranomaly
97, 3.232, 271.663

Tritanomaly
97, 6.510, 227.355

Monochromacy



Original Color
97, 10.508, 204.417

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.844, 206.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 10.501, 204.419 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(221, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(221, 252, 254)  
}
```

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(221, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.501, 204.419 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(221, 252, 254) }
```

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

```
.border{ border-color:rgb(221, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(221, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.501, 204.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 252, 254) }
```

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

```
.background{ background-color: rgb(221,  
252, 254) }
```

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