

Converting Colors

CIELCh(97, 10.274, 203.647)

Have a look what the booklet for
CIELCh(97, 10.274, 203.647)
contains.

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Color

CIELCh(97, 10.183, 204.618)

Conversions

Conversions Part 1

Format	Color
Hex	DEFCFE
RGB	222, 252, 254
RGB Percent	87%, 99%, 100%
CMY	0.1288, 0.0111, 0.0033
CMYK	0.13, 0.01, 0.00, 0.00
HSL	184°, 95%, 93%
HSV	184°, 13%, 100%
XYZ	82.9465, 92.4403, 107.3703
YIQ	243.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

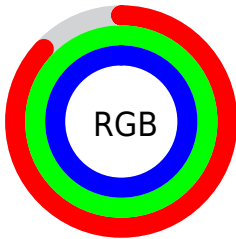
Format	Color
R _Y B	222, 237, 254
Decimal	14613758
CIE Lab	97.00, -9.26, -4.24
CIE LCh	97, 10.183, 204.618
Yxy	92.4403, 0.2933, 0.3269
Android (android.graphics.Color)	4292803838 (0xFFDEFDCE)
YUV	243.2580, 5.2958, -18.6433
Hunter-Lab	96.1459, -14.2606, 1.0904

Details

The CIELCh color **97, 10.183, 204.618** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 11.066, 25.438**, 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, 9.905, 204.963** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.702, 204.344**, and if you desaturate by 10%, it is **99, 2.150, 205.159**.

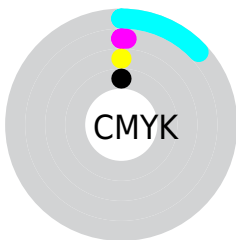
Distribution



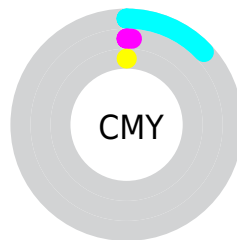
- Red (87%)
- Green (99%)
- Blue (100%)



- 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, 10.183, 204.618 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, 10.183, 204.618 by changing the saturation by 10% instead.


 97, 10.183,
204.618


 97, 10.183,
204.618


 100, 10.183,
204.618


 87, 10.183,
204.618

 77, 10.183,
204.618

 67, 10.183,
204.618

 57, 10.183,
204.618

 47, 10.183,
204.618

 37, 10.183,
204.618

 27, 10.183,

204.618

■ 17, 10.183,
204.618

■ 7, 10.183, 204.618

■ 97, 10.183,
204.618

■ 97, 10.183,
204.618

■ 95, 17.702,
204.344

■ 99, 2.150, 205.159

■ 93, 24.570,
204.189

100, 0.414,
109.960

■ 92, 30.648,
204.150

■ 90, 35.806,
204.246

■ 89, 39.937,
204.499

■ 88, 42.978,
204.930

■ 87, 44.927,
205.562

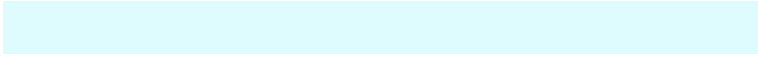
■ 87, 45.860,
206.408

■ 86, 46.054,
207.158

Harmonies

Complementary

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



97, 10.183, 204.618



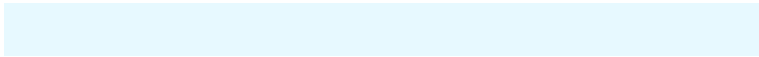
92, 11.066, 25.438

Rectangle

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



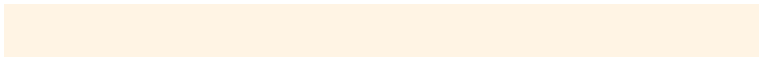
97, 10.183, 204.618



97, 10.183, 254.618



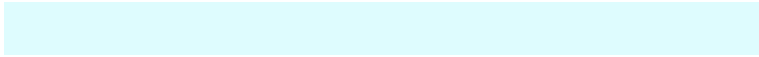
97, 10.183, 24.618



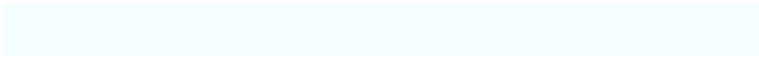
97, 10.183, 74.618

Sweetspot

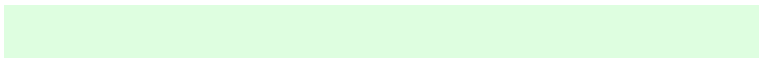
The Sweet Spot groups the original color and five complimentary colors.



97, 10.184, 204.607



99, 3.317, 205.004



97, 19.341, 145.043



53, 2.353, 204.948



0, 0.000, 0.000



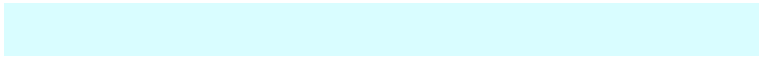
53, 0.007, 296.813

Same Dimension

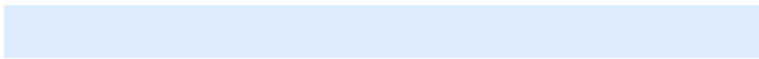
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 10.184, 204.607



97, 12.079, 204.533



93, 10.205, 262.413



52, 4.650, 204.715



67, 37.231, 206.959



22, 17.273, 205.585

Inverse Universe

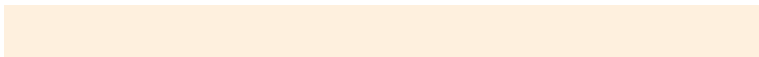
The Inverse Universe completely reimagines the original color for something new.



92, 19.204, 326.863



91, 22.963, 327.004



95, 10.427, 78.991



50, 8.680, 326.680



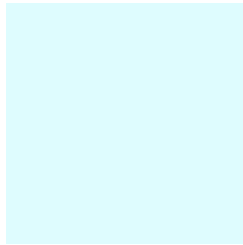
45, 88.627, 330.887



12, 41.014, 330.549

Previews

White Background



This preview shows how the CIE LCh color 97, 10.183, 204.618 looks on a white background.

Color Contrast Check

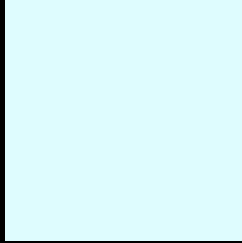
Large Text (above 18pt) WCAG AA × Fail

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, 10.183, 204.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

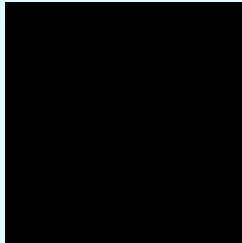
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

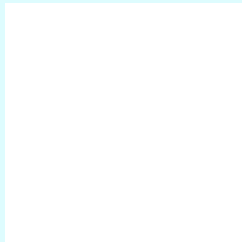
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 10.183, 204.618

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.183, 204.618.

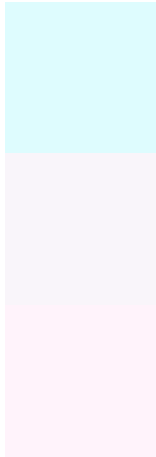


This preview shows how white text looks on a background with the CIELCh color 97, 10.183, 204.618.

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, 10.183, 204.618

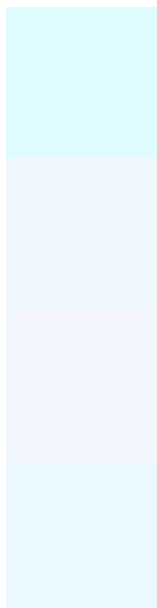
Protanopia
97, 2.940, 318.817

Deuteranopia
97, 5.909, 335.926



Tritanopia
97, 4.893, 256.310

Trichromacy



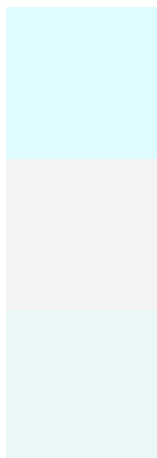
Original Color
97, 10.183, 204.618

Protanomaly
97, 3.695, 233.059

Deuteranomaly
97, 3.232, 271.663

Tritanomaly
97, 6.217, 228.833

Monochromacy



Original Color
97, 10.183, 204.618

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, 10.183, 204.618 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(222, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.183, 204.618 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(222, 252, 254) }
```

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

```
.border{ border-color:rgb(222, 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(222, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.183, 204.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 254) }
```

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

```
.background{ background-color: rgb(222,  
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](#).

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