

Converting Colors

CIE LCh(97, 9.982, 192.909)

Have a look what the booklet for
CIELCh(97, 9.982, 192.909) contains.

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Color

CIELCh(97, 9.971, 192.926)

Conversions

Conversions Part 1

Format	Color
Hex	DFFCFA
RGB	223, 252, 250
RGB Percent	87%, 99%, 98%
CMY	0.1244, 0.0107, 0.0185
CMYK	0.11, 0.00, 0.01, 0.01
HSL	176°, 84%, 93%
HSV	176°, 11%, 99%
XYZ	82.7067, 92.4403, 104.1484
YIQ	243.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

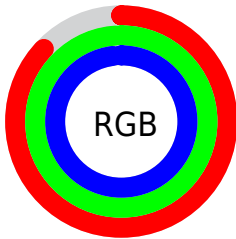
Format	Color
R _Y B	223, 238, 252
Decimal	14679290
CIE Lab	97.00, -9.72, -2.23
CIE LCh	97, 9.971, 192.926
Yxy	92.4403, 0.2961, 0.3310
Android (android.graphics.Color)	4292869370 (0xFFDFFCFA)
YUV	243.1010, 3.4012, -17.6286
Hunter-Lab	96.1459, -14.7058, 3.0772

Details

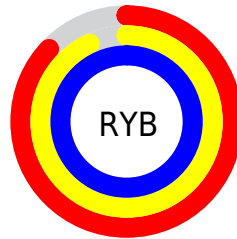
The CIELCh color **97, 9.971, 192.926** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 10.634, 14.549**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.628, 195.505** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.172, 192.174**, and if you desaturate by 10%, it is **99, 1.324, 194.056**.

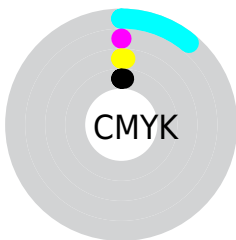
Distribution



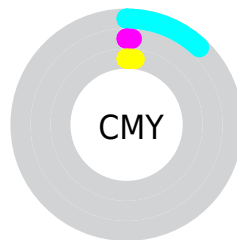
- Red (87%)
- Green (99%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.971, 192.926 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, 9.971, 192.926 by changing the saturation by 10% instead.

 97, 9.971, 192.926

 97, 9.971, 192.926

 100, 9.971,
192.926

 87, 9.971, 192.926

 77, 9.971, 192.926

 67, 9.971, 192.926

 57, 9.971, 192.926

 47, 9.971, 192.926

 37, 9.971, 192.926

 27, 9.971, 192.926

 17, 9.971, 192.926

 7, 9.971, 192.926

97, 9.971, 192.926

97, 9.971, 192.926

95, 18.172,
192.174

99, 1.324, 194.056

94, 25.778,
191.454

99, 1.230, 341.058

99, 1.700, 324.319

93, 32.640,
190.741


92, 38.616,
190.027

91, 43.587,
189.303

91, 47.476,
188.555

90, 50.269,
187.770

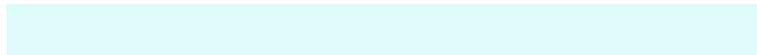
90, 52.027,
186.930

 90, 52.885,
186.174

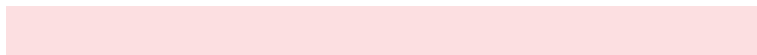
Harmonies

Complementary

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



97, 9.971, 192.926



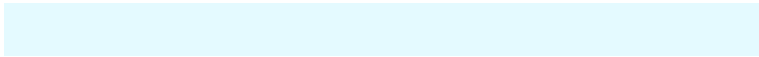
91, 10.634, 14.549

Rectangle

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



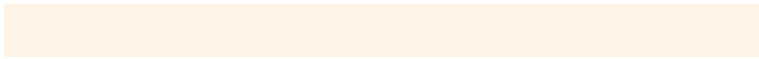
97, 9.971, 192.926



97, 9.971, 242.926



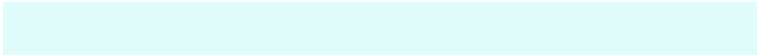
97, 9.971, 12.926



97, 9.971, 62.926

Sweetspot

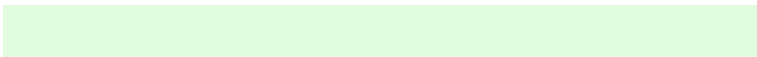
The Sweet Spot groups the original color and five complimentary colors.



97, 9.972, 192.916



99, 2.669, 193.704



97, 17.668, 141.574



53, 2.021, 193.595



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

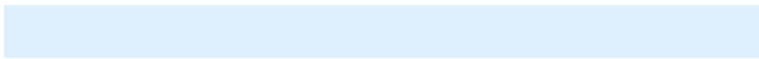
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.972, 192.916



98, 12.177, 192.725



94, 8.375, 247.329



51, 4.914, 193.073



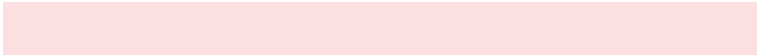
69, 42.463, 186.341



22, 19.044, 187.539

Inverse Universe

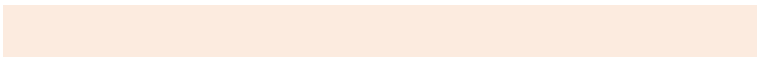
The Inverse Universe completely reimagines the original color for something new.



91, 10.634, 14.549



90, 13.177, 14.794



94, 8.752, 64.609



49, 5.180, 14.358



39, 80.521, 37.341



9, 31.711, 23.356

Previews

White Background



This preview shows how the CIELCh color 97, 9.971, 192.926 looks on a white background.

Color Contrast Check

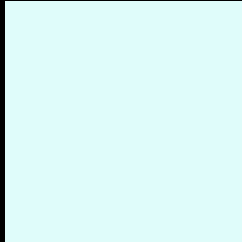
Large Text (above 18pt) WCAG AA × Fail

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, 9.971, 192.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

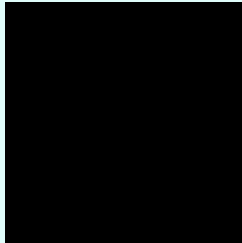
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

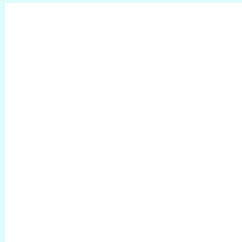
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.971, 192.926

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.971, 192.926.

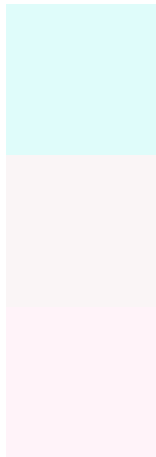


This preview shows how white text looks on a background with the CIELCh color 97, 9.971, 192.926.

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

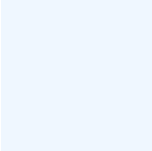
97, 9.971, 192.926

Protanopia

97, 1.845, 3.104

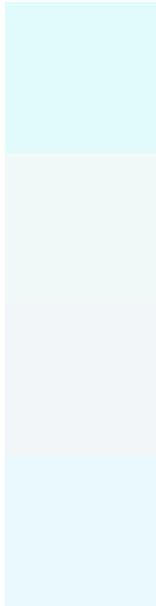
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.893, 256.310

Trichromacy



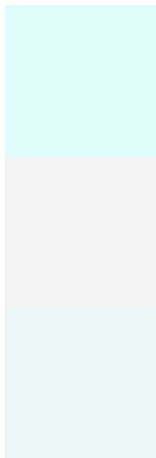
Original Color
97, 9.971, 192.926

Protanomaly
97, 2.784, 199.458

Deuteranomaly
97, 1.851, 255.949

Tritanomaly
97, 5.819, 219.807

Monochromacy



Original Color
97, 9.971, 192.926

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.480, 199.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.971, 192.926 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(223, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 252, 250)  
}
```

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(223, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 252, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.971, 192.926 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(223, 252, 250) }
```

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

```
.border{ border-color:rgb(223, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 252,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.971, 192.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 252, 250) }
```

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

```
.background{ background-color: rgb(223,  
252, 250) }
```

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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