

Converting Colors

CIELCh(97, 15.745, 194.707)

Have a look what the booklet for
CIELCh(97, 15.745, 194.707)
contains.

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Color

CIELCh(97, 15.745, 194.707)

Conversions

Conversions Part 1	
Format	Color
Hex	D0FFFD
RGB	208, 255, 253
RGB Percent	82%, 100%, 99%
CMY	0.1824, 0.0000, 0.0059
CMYK	0.18, 0.00, 0.01, 0.00
HSL	178°, 100%, 91%
HSV	178°, 18%, 100%
XYZ	79.8752, 92.4403, 106.9750
YIQ	240.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

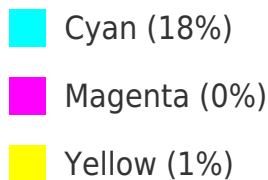
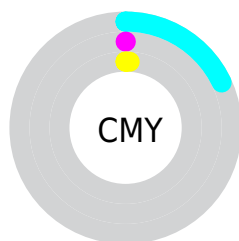
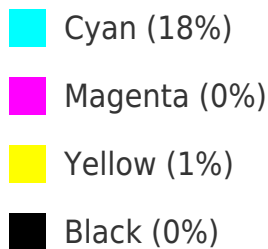
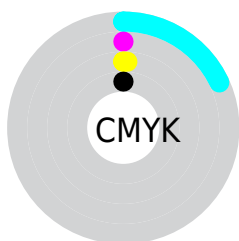
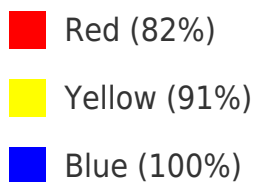
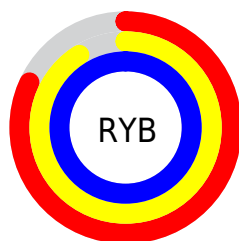
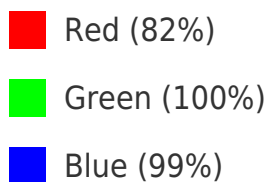
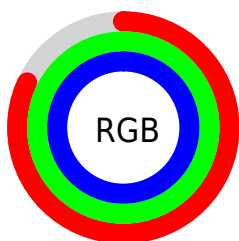
Format	Color
RYB	208, 232, 255
Decimal	13697021
CIELab	97.00, -15.23, -4.00
CIELCh	97, 15.745, 194.707
Yxy	92.4403, 0.2860, 0.3310
Android (android.graphics.Color)	4291887101 (0xFFD0FFFD)
YUV	240.7190, 6.0545, -28.6946
Hunter-Lab	96.1459, -19.9626, 1.3342

Details

The CIELCh color **97, 15.745, 194.707** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.419, 18.136**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 15.630, 194.282** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.311, 195.012**, and if you desaturate by 10%, it is **99, 7.215, 196.283**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 15.745, 194.707 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, 15.745, 194.707 by changing the saturation by 10% instead.


 97, 15.745,
194.707


 97, 15.745,
194.707


 100, 15.745,
194.707


 87, 15.745,
194.707

 77, 15.745,
194.707

 67, 15.745,
194.707

 57, 15.745,
194.707

 47, 15.745,
194.707

 37, 15.745,
194.707

 27, 15.745,

194.707

■ 17, 15.745,
194.707

■ 7, 15.745, 194.707

■ 97, 15.745,
194.707

■ 97, 15.745,
194.707

■ 95, 23.311,
195.012

■ 99, 7.215, 196.283

■ 94, 30.327,
194.443

100, 0.012,
296.813

■ 93, 36.461,
193.907

■ 92, 41.591,
193.400

■ 92, 45.631,
192.919

■ 91, 48.553,
192.454

■ 91, 50.401,
191.996

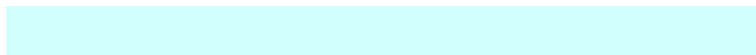
■ 91, 51.324,
191.533

■ 91, 51.442,
191.452

Harmonies

Complementary

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



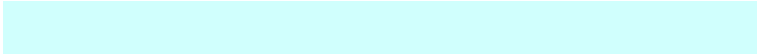
97, 15.745, 194.707



88, 17.419, 18.136

Rectangle

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



97, 15.745, 194.707



97, 15.745, 244.707



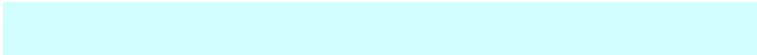
97, 15.745, 14.707



97, 15.745, 64.707

Sweetspot

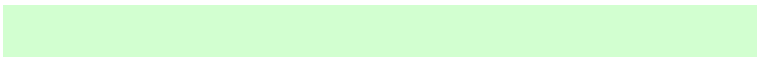
The Sweet Spot groups the original color and five complimentary colors.



97, 15.557, 195.617



99, 4.408, 196.545



96, 28.822, 142.445



53, 3.003, 196.483



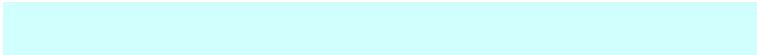
0, 0.000, 0.000



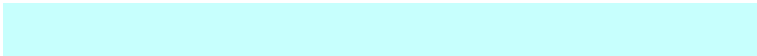
53, 0.007, 296.813

Same Dimension

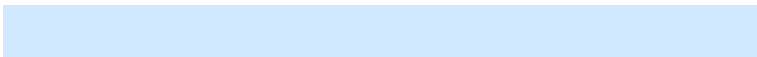
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 15.557, 195.617



96, 18.549, 195.385



91, 13.743, 254.272



52, 4.963, 196.191



70, 41.413, 191.534



24, 18.988, 192.104

Inverse Universe

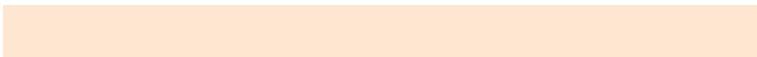
The Inverse Universe completely reimagines the original color for something new.



88, 17.419, 18.136



85, 21.303, 18.528



93, 14.569, 69.527



49, 5.254, 17.327



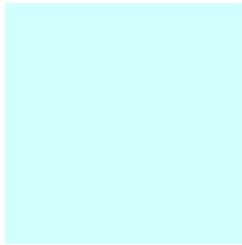
40, 82.816, 38.751



10, 33.102, 25.884

Previews

White Background



This preview shows how the CIELCh color 97, 15.745, 194.707 looks on a white background.

Color Contrast Check

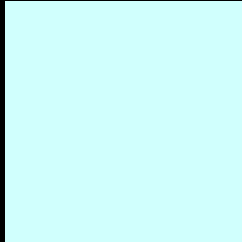
Large Text (above 18pt) WCAG AA × Fail

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, 15.745, 194.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

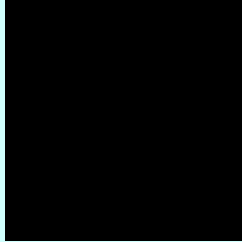
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 15.745, 194.707

Background



This preview shows how black text looks on a background with the CIELCh color 97, 15.745, 194.707.



This preview shows how white text looks on a background with the CIELCh color 97, 15.745, 194.707.

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

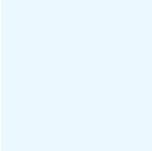
97, 15.745, 194.707

Protanopia

97, 2.355, 338.597

Deuteranopia

97, 6.523, 334.886

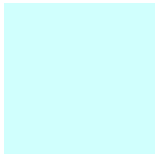
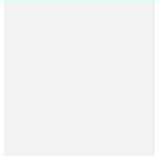
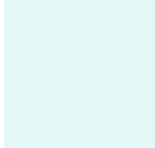


Tritanopia
97, 5.660, 238.606

Trichromacy

	Original Color 97, 15.745, 194.707
	Protanomaly 97, 4.857, 205.286
	Deuteranomaly 97, 3.992, 239.313
	Tritanomaly 97, 8.927, 208.856

Monochromacy

	Original Color 97, 15.745, 194.707
	Achromatopsia 95, 0.011, 296.813
	Achromatomaly 96, 5.877, 199.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 15.745, 194.707 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(208, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 253)  
}
```

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(208, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 15.745, 194.707 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(208, 255, 253) }
```

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

```
.border{ border-color:rgb(208, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(208, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 15.745, 194.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 253) }
```

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

```
.background{ background-color: rgb(208,  
255, 253) }
```

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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