

Converting Colors

CIELCh(97, 11.768, 207.488)

Have a look what the booklet for
CIELCh(97, 11.768, 207.488)
contains.

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Color

CIElCh(97, 11.794, 203.720)

Conversions

Conversions Part 1

Format	Color
Hex	DAFDFF
RGB	218, 253, 255
RGB Percent	85%, 99%, 100%
CMY	0.1448, 0.0075, 0.0000
CMYK	0.14, 0.01, 0.00, 0.00
HSL	183°, 100%, 93%
HSV	183°, 14%, 100%
XYZ	82.1470, 92.4403, 108.1853
YIQ	242.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

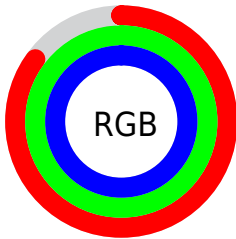
Format	Color
R _{YB}	218, 236, 255
Decimal	14351871
CIE _{Lab}	97.00, -10.80, -4.74
CIE _{LCh}	97, 11.794, 203.720
Y _{xy}	92.4403, 0.2905, 0.3269
Android (android.graphics.Color)	4292541951 (0xFFDAFDFF)
Y _{UV}	242.7630, 6.0328, -21.7172
Hunter-Lab	96.1459, -15.7450, 0.5878

Details

The CIELCh color **97, 11.794, 203.720** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.984, 24.638**, 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, 11.563, 203.937** is the 20% darker color. If you saturate the color by 10%, you get **95, 19.295, 203.225**, and if you desaturate by 10%, it is **99, 3.747, 203.975**.

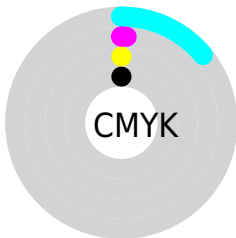
Distribution



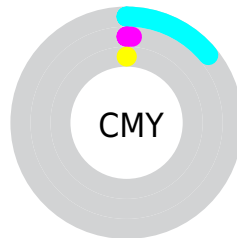
- Red (85%)
- Green (99%)
- Blue (100%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 11.794, 203.720 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, 11.794, 203.720 by changing the saturation by 10% instead.


 97, 11.794,
203.720


 97, 11.794,
203.720


 100, 11.794,
203.720


 87, 11.794,
203.720

 77, 11.794,
203.720

 67, 11.794,
203.720

 57, 11.794,
203.720

 47, 11.794,
203.720

 37, 11.794,
203.720

 27, 11.794,

203.720

■ 17, 11.794,
203.720

■ 7, 11.794, 203.720

■ 97, 11.794,
203.720

■ 97, 11.794,
203.720

■ 95, 19.295,
203.225

■ 99, 3.747, 203.975

■ 93, 26.111,
203.034

100, 0.012,
296.813

■ 92, 32.102,
202.952

■ 91, 37.140,
202.995

■ 90, 41.126,
203.182

■ 89, 44.007,
203.529

■ 88, 45.797,
204.054

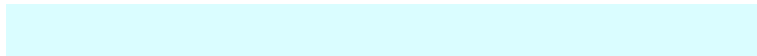
■ 88, 46.590,
204.763

■ 87, 46.726,
205.219

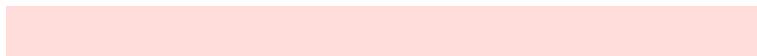
Harmonies

Complementary

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



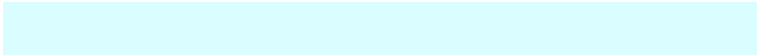
97, 11.794, 203.720



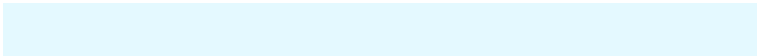
91, 12.984, 24.638

Rectangle

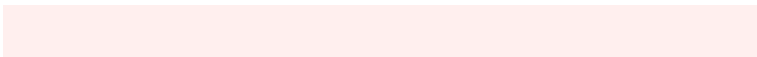
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 11.794, 203.720



97, 11.794, 253.720



97, 11.794, 23.720



97, 11.794, 73.720

Sweetspot

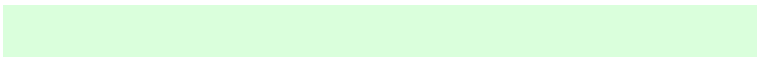
The Sweet Spot groups the original color and five complimentary colors.



97, 11.794, 203.515



99, 3.349, 204.014



97, 22.322, 144.908



53, 2.376, 203.955



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

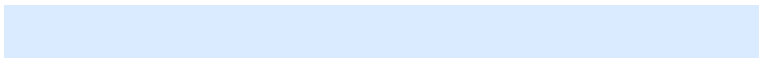
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 11.794, 203.515



97, 13.741, 203.432



92, 11.764, 262.701



52, 4.696, 203.704



67, 37.675, 205.056



22, 17.462, 203.942

Inverse Universe

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



91, 22.321, 326.671



90, 26.229, 326.817



95, 12.068, 78.750



50, 8.742, 326.380



45, 89.358, 330.418



12, 41.312, 330.142

Previews

White Background



This preview shows how the CIE LCh color 97, 11.794, 203.720 looks on a white background.

Color Contrast Check

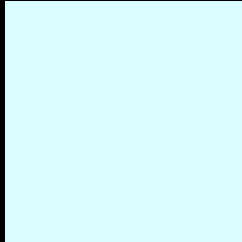
Large Text (above 18pt) WCAG AA × Fail

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, 11.794, 203.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

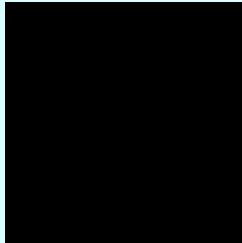
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.794, 203.720

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.794, 203.720.

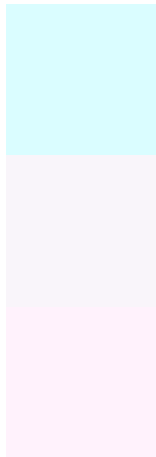


This preview shows how white text looks on a background with the CIELCh color 97, 11.794, 203.720.

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, 11.794, 203.720

Protanopia

97, 2.940, 318.817

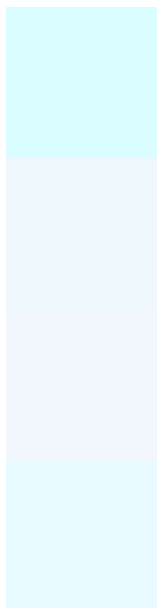
Deuteranopia

97, 6.894, 331.898



Tritanopia
97, 5.155, 243.403

Trichromacy



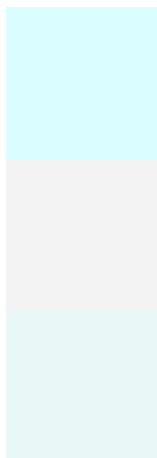
Original Color
97, 11.794, 203.720

Protanomaly
97, 3.984, 230.308

Deuteranomaly
97, 3.824, 269.265

Tritanomaly
97, 7.228, 219.852

Monochromacy



Original Color
97, 11.794, 203.720

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.508, 199.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 11.794, 203.720 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(218, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 253, 255)  
}
```

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(218, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.794, 203.720 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(218, 253, 255) }
```

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

```
.border{ border-color:rgb(218, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.794, 203.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 253, 255) }
```

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

```
.background{ background-color: rgb(218,  
253, 255) }
```

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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