

Converting Colors

CIELCh(96, 18.291, 181.945)

Have a look what the booklet for
CIELCh(96, 18.291, 181.945)
contains.

CIELCh(96, 18.363, 181.998)	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(96, 18.363, 181.998)

Conversions

Conversions Part 1

Format	Color
Hex	CAFEF4
RGB	202, 254, 244
RGB Percent	79%, 100%, 96%
CMY	0.2077, 0.0037, 0.0430
CMYK	0.20, 0.00, 0.04, 0.00
HSL	168°, 96%, 89%
HSV	168°, 20%, 100%
XYZ	76.1595, 90.0078, 98.9812
YIQ	237.3120, -27.7820, -14.1340

Conversions

Conversions Part 2

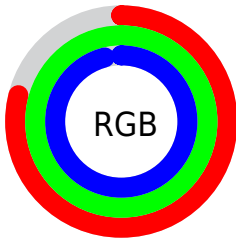
Format	Color
R _Y B	202, 231, 254
Decimal	13303540
CIE Lab	96.00, -18.35, -0.64
CIE LCh	96, 18.363, 181.998
Yxy	90.0078, 0.2872, 0.3395
Android (android.graphics.Color)	4291493620 (0xFFCAFEF4)
YUV	237.3120, 3.2972, -30.9686
Hunter-Lab	94.8724, -22.7347, 4.5530

Details

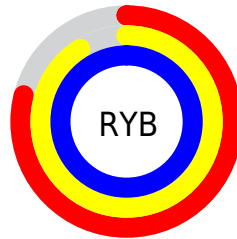
The CIELCh color **96, 18.363, 181.998** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 20.005, 5.923**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 18.225, 182.534** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.724, 180.994**, and if you desaturate by 10%, it is **98, 9.552, 182.961**.

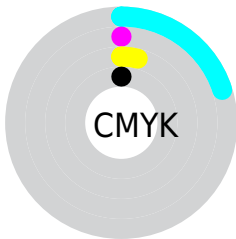
Distribution



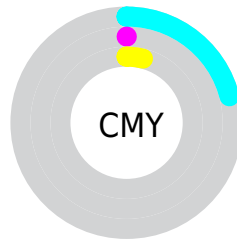
- Red (79%)
- Green (100%)
- Blue (96%)



- Red (79%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 18.363, 181.998 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 96, 18.363, 181.998 by changing the saturation by 10% instead.


 96, 18.363,
181.998


 96, 18.363,
181.998


 100, 18.363,
181.998


 86, 18.363,
181.998


 76, 18.363,
181.998

 66, 18.363,
181.998

 56, 18.363,
181.998

 46, 18.363,
181.998

 36, 18.363,
181.998

 26, 18.363,

181.998

■ 16, 18.363,
181.998

■ 6, 18.363, 181.998

■ 96, 18.363,
181.998

■ 96, 18.363,
181.998

■ 95, 26.724,
180.994

■ 98, 9.552, 182.961

■ 93, 34.475,
179.933

■ 100, 0.430,
185.217

■ 92, 41.460,
178.793

■ 100, 0.600,
323.947

■ 91, 47.536,
177.550

■ 91, 52.601,
176.182

■ 90, 56.610,
174.664

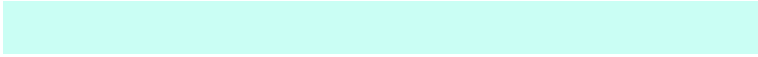
■ 90, 59.600,
172.978

■ 90, 61.692,
171.238

Harmonies

Complementary

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



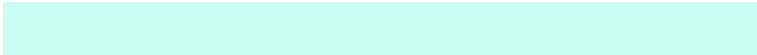
96, 18.363, 181.998



86, 20.005, 5.923

Rectangle

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



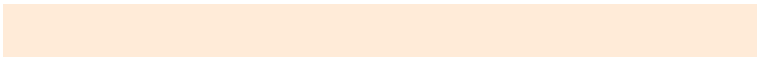
96, 18.363, 181.998



96, 18.363, 231.998



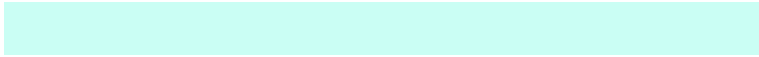
96, 18.363, 1.998



96, 18.363, 51.998

Sweetspot

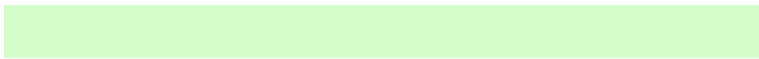
The Sweet Spot groups the original color and five complimentary colors.



96, 18.364, 181.994



99, 5.521, 183.413



96, 30.587, 137.787



53, 3.659, 183.344



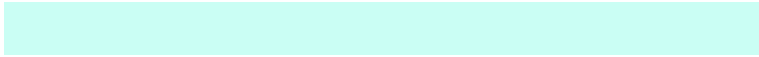
0, 0.000, 0.000



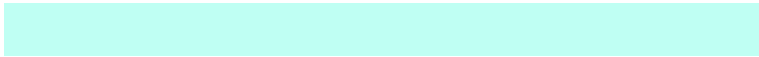
53, 0.007, 296.813

Same Dimension

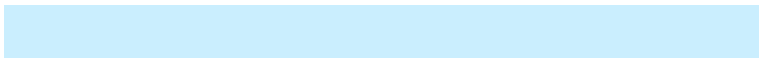
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.364, 181.994



96, 22.284, 181.546



92, 14.260, 233.395



52, 5.209, 183.056



69, 49.621, 171.578



23, 22.170, 174.034

Inverse Universe

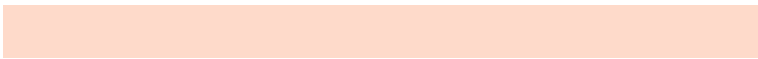
The Inverse Universe completely reimagines the original color for something new.



86, 20.005, 5.923



83, 24.778, 6.509



90, 16.066, 50.241



50, 5.415, 4.663



40, 75.323, 30.162



10, 32.029, 19.112

Previews

White Background



This preview shows how the CIE LCh color 96, 18.363, 181.998 looks on a white background.

Color Contrast Check

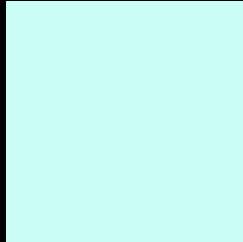
Large Text (above 18pt) WCAG AA × Fail

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 96, 18.363, 181.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

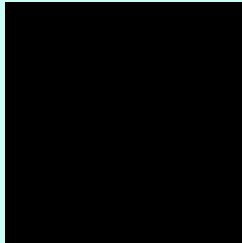
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

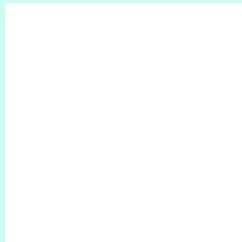
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 18.363, 181.998

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.363, 181.998.

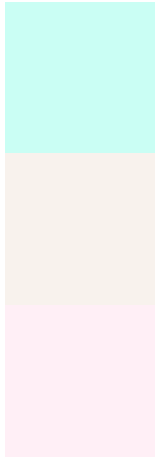


This preview shows how white text looks on a background with the CIELCh color 96, 18.363, 181.998.

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](#).

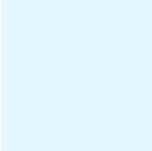
Dichromacy



Original Color
96, 18.363, 181.998

Protanopia
96, 3.314, 69.687

Deuteranopia
96, 6.732, 347.637

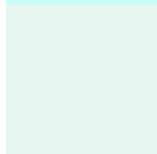


Tritanopia
96, 7.582, 236.737

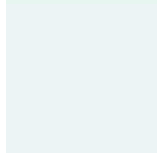
Trichromacy



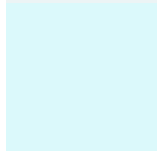
Original Color
96, 18.363, 181.998



Protanomaly
96, 6.121, 168.956



Deuteranomaly
96, 2.828, 209.907

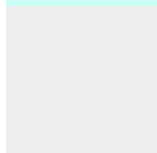


Tritanomaly
96, 10.201, 204.613

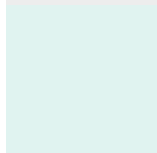
Monochromacy



Original Color
96, 18.363, 181.998



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 6.808, 185.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.363, 181.998 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(202, 254, 244)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 244)  
}
```

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(202, 254, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.363, 181.998 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(202, 254, 244) }
```

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

```
.border{ border-color:rgb(202, 254, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 254, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(202, 254,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.363, 181.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 254, 244) }
```

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

```
.background{ background-color: rgb(202,  
254, 244) }
```

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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