

Converting Colors

CIELCh(96, 14.643, 205.711)

Have a look what the booklet for
CIELCh(96, 14.643, 205.711)
contains.

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Color

CIELCh(96, 14.664, 204.586)

Conversions

Conversions Part 1

Format	Color
Hex	D0FCFF
RGB	208, 252, 255
RGB Percent	82%, 99%, 100%
CMY	0.1854, 0.0129, 0.0011
CMYK	0.18, 0.01, 0.00, 0.00
HSL	184°, 99%, 91%
HSV	184°, 18%, 100%
XYZ	78.6547, 90.0078, 107.5890
YIQ	239.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

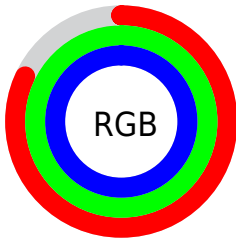
Format	Color
R _Y B	208, 231, 255
Decimal	13696255
CIE Lab	96.00, -13.33, -6.10
CIE LCh	96, 14.664, 204.586
Yxy	90.0078, 0.2847, 0.3258
Android (android.graphics.Color)	4291886335 (0xFFD0FCFF)
YUV	239.1860, 7.7963, -27.3501
Hunter-Lab	94.8724, -18.0401, -0.8264

Details

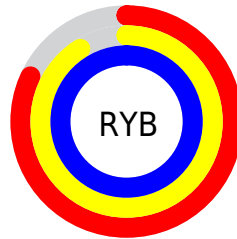
The CIELCh color **96, 14.664, 204.586** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.619, 25.922**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.492, 204.793** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.822, 204.386**, and if you desaturate by 10%, it is **98, 6.914, 204.891**.

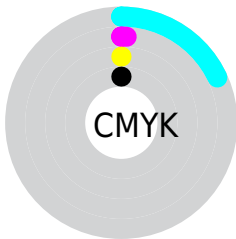
Distribution



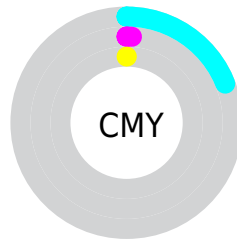
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 14.664, 204.586 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, 14.664, 204.586 by changing the saturation by 10% instead.


 96, 14.664,
204.586


 96, 14.664,
204.586

 100, 14.664,
204.586


 86, 14.664,
204.586

 76, 14.664,
204.586

 66, 14.664,
204.586

 56, 14.664,
204.586

 46, 14.664,
204.586

 36, 14.664,
204.586

 26, 14.664,

204.586

■ 16, 14.664,
204.586

■ 6, 14.664, 204.586

■ 96, 14.664,
204.586

■ 96, 14.664,
204.586

■ 94, 21.822,
204.386

■ 98, 6.914, 204.891

■ 92, 28.246,
204.306

100, 0.117,
102.899

■ 91, 33.802,
204.353

100, 0.136,
109.599

■ 90, 38.370,
204.550

■ 89, 41.866,
204.919

■ 88, 44.262,
205.483

■ 87, 45.597,
206.261

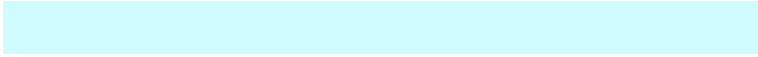
■ 86, 46.029,
207.255

■ 86, 46.059,
207.419

Harmonies

Complementary

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



96, 14.664, 204.586



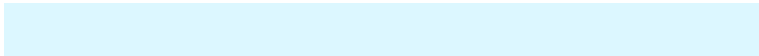
88, 16.619, 25.922

Rectangle

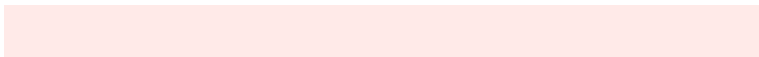
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 14.664, 204.586



96, 14.664, 254.586



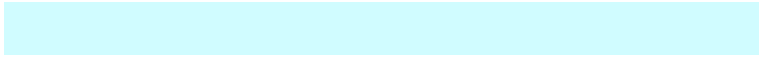
96, 14.664, 24.586



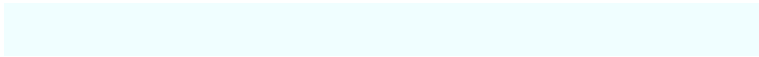
96, 14.664, 74.586

Sweetspot

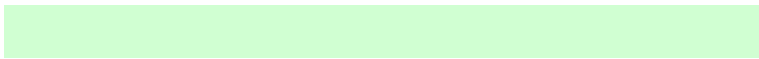
The Sweet Spot groups the original color and five complimentary colors.



96, 14.665, 204.579



99, 4.945, 205.005



96, 28.455, 144.615



53, 3.275, 204.971



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

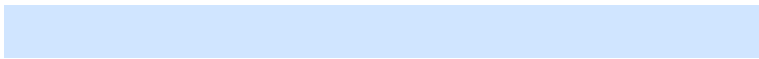
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.665, 204.579



95, 17.298, 204.498



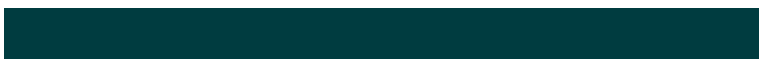
90, 14.968, 263.342



52, 4.644, 204.850



67, 37.175, 207.213



22, 17.249, 205.804

Inverse Universe

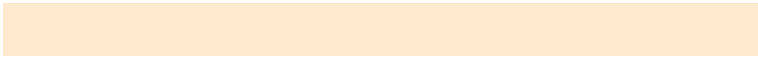
The Inverse Universe completely reimagines the original color for something new.



89, 28.220, 327.245



87, 33.701, 327.452



94, 15.481, 78.238



50, 8.672, 326.720



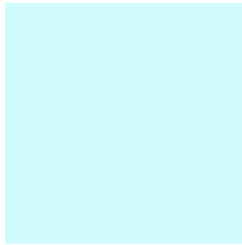
45, 88.532, 330.950



12, 40.975, 330.603

Previews

White Background



This preview shows how the CIE LCh color 96, 14.664, 204.586 looks on a white background.

Color Contrast Check

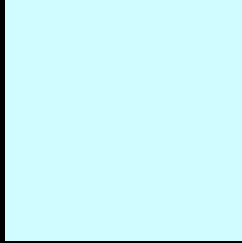
Large Text (above 18pt) WCAG AA × Fail

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, 14.664, 204.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

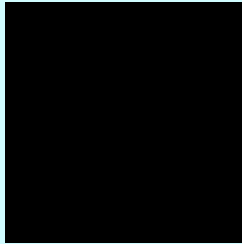
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

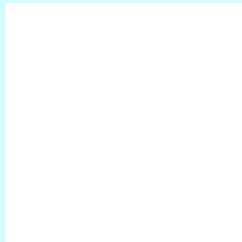
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 14.664, 204.586

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.664, 204.586.

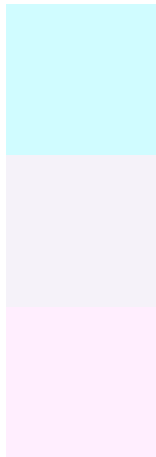


This preview shows how white text looks on a background with the CIELCh color 96, 14.664, 204.586.

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

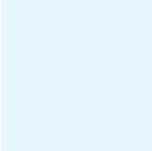
96, 14.664, 204.586

Protanopia

96, 3.761, 306.638

Deuteranopia

96, 10.185, 326.406

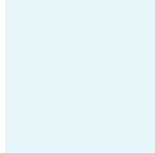


Tritanopia
96, 7.321, 238.340

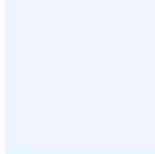
Trichromacy



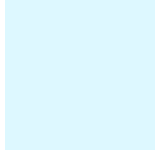
Original Color
96, 14.664, 204.586



Protanomaly
96, 5.709, 225.937



Deuteranomaly
96, 5.873, 273.602

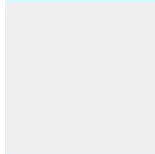


Tritanomaly
96, 9.710, 220.690

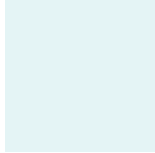
Monochromacy



Original Color
96, 14.664, 204.586



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.549, 204.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.664, 204.586 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, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 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(208, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.664, 204.586 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, 252, 255) }
```

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

```
.border{ border-color:rgb(208, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(208, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.664, 204.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 252, 255) }
```

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

```
.background{ background-color: rgb(208,  
252, 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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