

Converting Colors

CIELCh(96, 14.682, 201.979)

Have a look what the booklet for
CIELCh(96, 14.682, 201.979)
contains.

CIELCh(96, 14.661, 202.560)	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, 14.661, 202.560)

Conversions

Conversions Part 1

Format	Color
Hex	D0FCFE
RGB	208, 252, 254
RGB Percent	82%, 99%, 100%
CMY	0.1851, 0.0126, 0.0048
CMYK	0.18, 0.01, 0.00, 0.00
HSL	183°, 95%, 91%
HSV	183°, 18%, 100%
XYZ	78.5519, 90.0078, 106.8189
YIQ	239.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

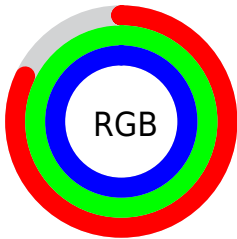
Format	Color
R _{YB}	208, 230, 254
Decimal	13696254
CIE _{Lab}	96.00, -13.54, -5.62
CIE _{LCh}	96, 14.661, 202.560
Y _{xy}	90.0078, 0.2853, 0.3269
Android (android.graphics.Color)	4291886334 (0xFFD0FCFE)
Y _{UV}	239.0720, 7.3595, -27.2501
Hunter-Lab	94.8724, -18.2335, -0.3452

Details

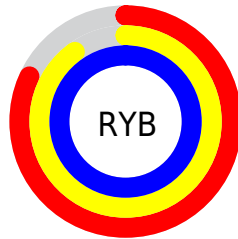
The CIELCh color **96, 14.661, 202.560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.562, 24.164**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.494, 202.632** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.963, 202.258**, and if you desaturate by 10%, it is **98, 6.763, 202.956**.

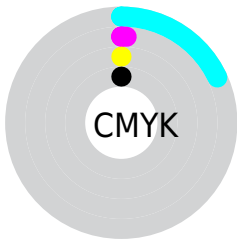
Distribution



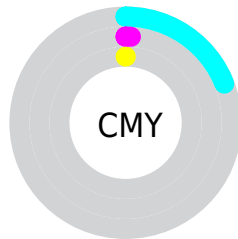
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- 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, 14.661, 202.560 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, 14.661, 202.560 by changing the saturation by 10% instead.


 96, 14.661,
202.560


 96, 14.661,
202.560

 100, 14.661,
202.560


 86, 14.661,
202.560


 76, 14.661,
202.560

 66, 14.661,
202.560


 56, 14.661,
202.560

 46, 14.661,
202.560


 36, 14.661,
202.560


 26, 14.661,


202.560

 16, 14.661,
202.560

 6, 14.661, 202.560


 96, 14.661,
202.560

 96, 14.661,
202.560


 94, 21.963,
202.258


 98, 6.763, 202.956

100, 0.364, 34.302

 93, 28.527,
202.058

100, 0.604,
110.005

 91, 34.214,
201.962

 90, 38.907,
201.986

■ 89, 42.522,
202.145

■ 89, 45.031,
202.453

■ 88, 46.473,
202.919

■ 88, 46.996,
203.541

■ 88, 47.046,
203.667

Harmonies

Complementary

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



96, 14.661, 202.560



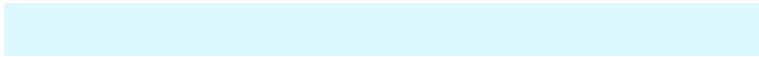
88, 16.562, 24.164

Rectangle

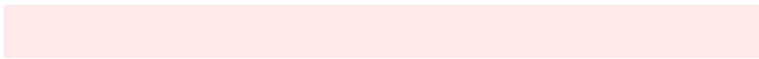
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



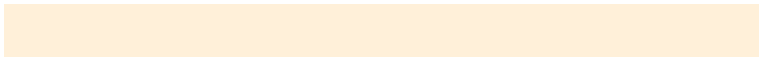
96, 14.661, 202.560



96, 14.661, 252.560



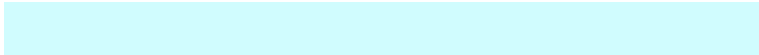
96, 14.661, 22.560



96, 14.661, 72.560

Sweetspot

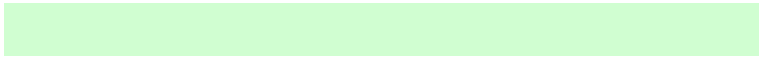
The Sweet Spot groups the original color and five complimentary colors.



96, 14.662, 202.553



99, 4.211, 203.138



95, 28.189, 144.180



53, 2.868, 203.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

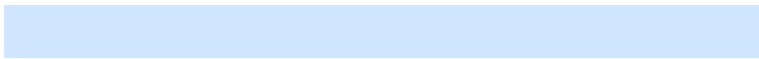
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.662, 202.553



96, 17.639, 202.428



90, 14.422, 261.586



52, 4.735, 202.890



68, 38.065, 203.536



23, 17.626, 202.626

Inverse Universe

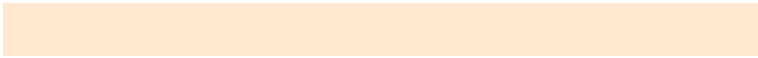
The Inverse Universe completely reimagines the original color for something new.



88, 28.025, 326.636



87, 34.171, 326.857



93, 14.978, 76.607



50, 8.794, 326.137



45, 89.962, 330.041



12, 41.557, 329.814

Previews

White Background



This preview shows how the CIE LCh color 96, 14.661, 202.560 looks on a white background.

Color Contrast Check

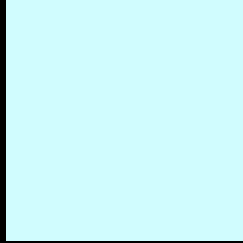
Large Text (above 18pt) WCAG AA × Fail

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, 14.661, 202.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

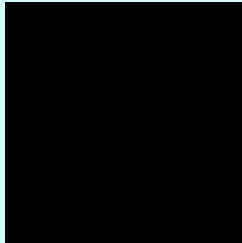
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 14.661, 202.560

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.661, 202.560.



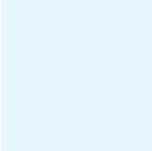
This preview shows how white text looks on a background with the CIELCh color 96, 14.661, 202.560.

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



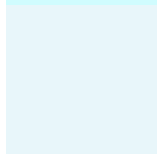


Tritanopia
96, 7.321, 238.340

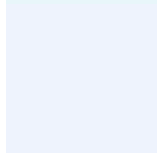
Trichromacy



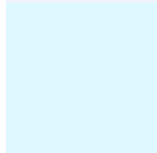
Original Color
96, 14.661, 202.560



Protanomaly
96, 5.203, 222.478



Deuteranomaly
96, 5.386, 271.938

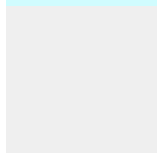


Tritanomaly
96, 9.710, 220.690

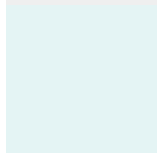
Monochromacy



Original Color
96, 14.661, 202.560



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.544, 199.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.661, 202.560 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.661, 202.560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

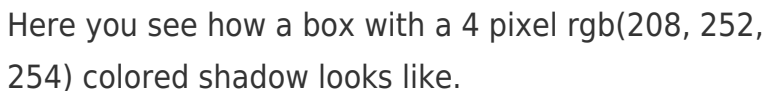
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 252, 254) }
```

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

```
.border{ border-color:rgb(208, 252, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.661, 202.560 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, 254) }
```

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

```
.background{ background-color: rgb(208,  
252, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor