

Converting Colors

CIE LCh(96, 15.180, 191.815)

Have a look what the booklet for
CIELCh(96, 15.180, 191.815)
contains.

CIELCh(96, 14.907, 192.547)	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, 14.907, 192.547)

Conversions

Conversions Part 1

Format	Color
Hex	D0FCF9
RGB	208, 252, 249
RGB Percent	82%, 99%, 98%
CMY	0.1837, 0.0111, 0.0229
CMYK	0.17, 0.00, 0.01, 0.01
HSL	176°, 89%, 90%
HSV	176°, 17%, 99%
XYZ	78.0448, 90.0078, 103.0170
YIQ	238.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

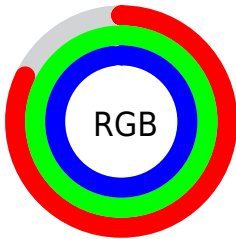
Format	Color
R _Y B	208, 231, 252
Decimal	13696249
CIE Lab	96.00, -14.55, -3.24
CIE LCh	96, 14.907, 192.547
Yxy	90.0078, 0.2879, 0.3320
Android (android.graphics.Color)	4291886329 (0xFFD0FCF9)
YUV	238.5020, 5.1755, -26.7503
Hunter-Lab	94.8724, -19.1876, 2.0308

Details

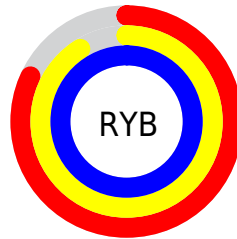
The CIELCh color **96, 14.907, 192.547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 16.473, 15.212**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.696, 194.079** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.767, 191.818**, and if you desaturate by 10%, it is **98, 6.515, 193.309**.

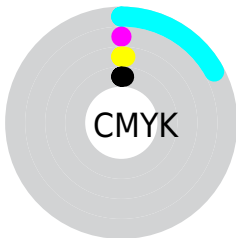
Distribution



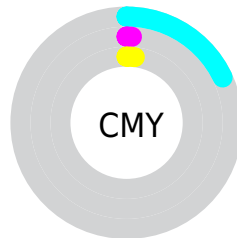
- Red (82%)
- Green (99%)
- Blue (98%)



- Red (82%)
- Yellow (91%)
- Blue (99%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (18%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 14.907, 192.547 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, 14.907, 192.547 by changing the saturation by 10% instead.


 96, 14.907,
192.547


 96, 14.907,
192.547

 100, 14.907,
192.547


 86, 14.907,
192.547

 76, 14.907,
192.547

 66, 14.907,
192.547

 56, 14.907,
192.547

 46, 14.907,
192.547

 36, 14.907,
192.547

 26, 14.907,

192.547

■ 16, 14.907,
192.547

■ 6, 14.907, 192.547

■ 96, 14.907,
192.547

■ 96, 14.907,
192.547

■ 95, 22.767,
191.818

■ 98, 6.515, 193.309

■ 99, 1.022, 6.220

■ 93, 29.942,
191.106

■ 99, 1.496, 331.655

■ 92, 36.286,
190.397

■ 99, 1.765, 324.328

■ 91, 41.668,
189.682

■ 91, 45.994,
188.951

■ 90, 49.220,
188.189

■ 90, 51.377,
187.381

■ 90, 52.591,
186.514

■ 90, 52.823,
186.288

Harmonies

Complementary

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



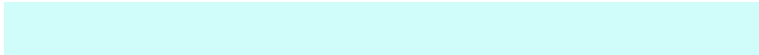
96, 14.907, 192.547



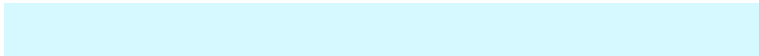
87, 16.473, 15.212

Rectangle

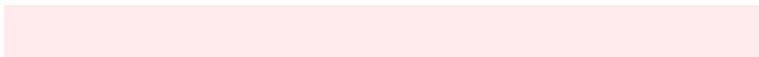
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



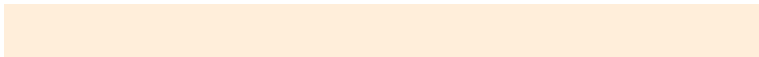
96, 14.907, 192.547



96, 14.907, 242.547



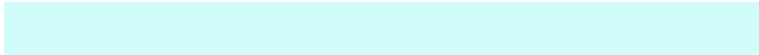
96, 14.907, 12.547



96, 14.907, 62.547

Sweetspot

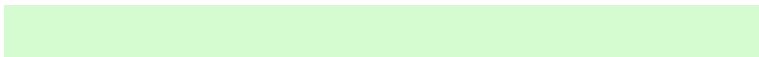
The Sweet Spot groups the original color and five complimentary colors.



96, 14.908, 192.541



99, 4.432, 193.532



95, 26.877, 141.200



53, 3.020, 193.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

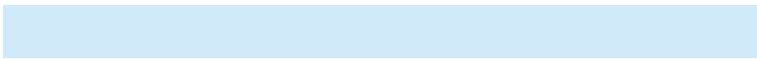
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.908, 192.541



96, 17.927, 192.281



91, 12.607, 248.145



51, 4.913, 193.142



69, 42.428, 186.454



22, 19.030, 187.639

Inverse Universe

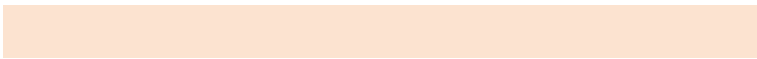
The Inverse Universe completely reimagines the original color for something new.



87, 16.473, 15.212



86, 20.250, 15.600



92, 13.523, 63.995



49, 5.180, 14.424



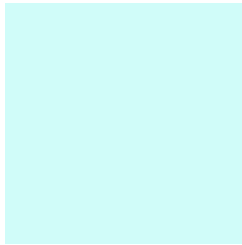
39, 80.555, 37.375



9, 31.717, 23.390

Previews

White Background



This preview shows how the CIE LCh color 96, 14.907, 192.547 looks on a white background.

Color Contrast Check

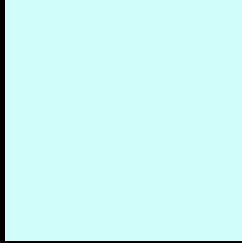
Large Text (above 18pt) WCAG AA × Fail

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, 14.907, 192.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

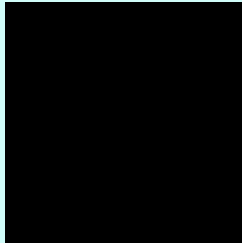
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

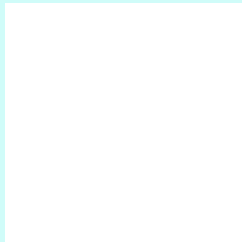
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 14.907, 192.547

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.907, 192.547.

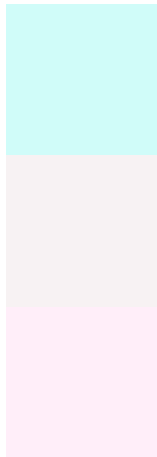


This preview shows how white text looks on a background with the CIELCh color 96, 14.907, 192.547.

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](#).

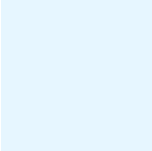
Dichromacy



Original Color
96, 14.907, 192.547

Protanopia
96, 1.849, 3.110

Deuteranopia
96, 8.268, 336.938

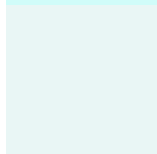


Tritanopia
96, 7.066, 240.063

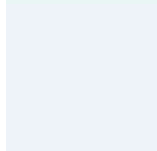
Trichromacy



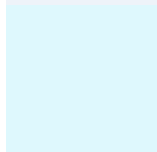
Original Color
96, 14.907, 192.547



Protanomaly
96, 4.556, 192.784



Deuteranomaly
96, 3.513, 260.856

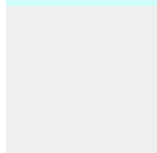


Tritanomaly
96, 9.122, 215.306

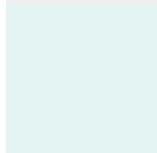
Monochromacy



Original Color
96, 14.907, 192.547



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.586, 193.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.907, 192.547 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.907, 192.547 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, 249) }
```

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

```
.border{ border-color:rgb(208, 252, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.907, 192.547 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, 249) }
```

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

```
.background{ background-color: rgb(208,  
252, 249) }
```

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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