

Converting Colors

CIELCh(99, 28.484, 177.789)

Have a look what the booklet for
CIELCh(99, 28.484, 177.789)
contains.

CIELCh(96, 22.534, 190.109)	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, 22.534, 190.109)

Conversions

Conversions Part 1

Format	Color
Hex	BCFFFA
RGB	188, 255, 250
RGB Percent	74%, 100%, 98%
CMY	0.2617, 0.0000, 0.0184
CMYK	0.26, 0.00, 0.02, 0.00
HSL	176°, 100%, 87%
HSV	176°, 26%, 100%
XYZ	74.2896, 90.0078, 104.1494
YIQ	234.3970, -38.3270, -15.7590

Conversions

Conversions Part 2

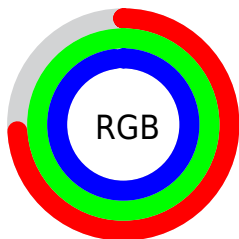
Format	Color
RYB	188, 223, 255
Decimal	12386298
CIELab	96.00, -22.18, -3.96
CIELCh	96, 22.534, 190.109
Yxy	90.0078, 0.2767, 0.3353
Android (android.graphics.Color)	4290576378 (0xFFBCFFFA)
YUV	234.3970, 7.6923, -40.6902
Hunter-Lab	94.8724, -26.2529, 1.3231

Details

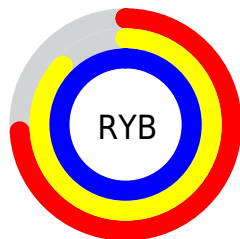
The CIELCh color **96, 22.534, 190.109** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 25.673, 16.056**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **76, 21.939, 192.080** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.350, 191.001**, and if you desaturate by 10%, it is **97, 13.990, 192.454**.

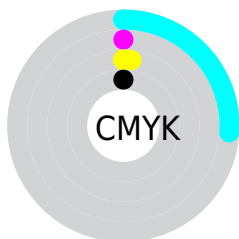
Distribution



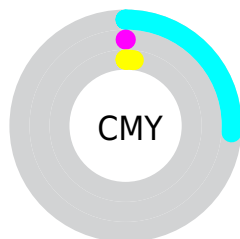
- Red (74%)
- Green (100%)
- Blue (98%)



- Red (74%)
- Yellow (87%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 22.534, 190.109 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, 22.534, 190.109 by changing the saturation by 10% instead.


 96, 22.534,
190.109


 96, 22.534,
190.109


 100, 22.534,
190.109


 86, 22.534,
190.109

 76, 22.534,
190.109

 66, 22.534,
190.109

 56, 22.534,
190.109

 46, 22.534,
190.109

 36, 22.534,
190.109

 26, 22.534,

190.109

■ 16, 22.534,
190.109

■ 6, 22.534, 190.109

■ 96, 22.534,
190.109

■ 96, 22.534,
190.109

■ 94, 29.350,
191.001

■ 97, 13.990,
192.454

■ 93, 35.877,
190.283

■ 99, 5.456, 193.245

■ 92, 41.450,
189.558

100, 0.012,
296.813

■ 92, 45.966,
188.816

■ 91, 49.375,
188.043

■ 91, 51.697,
187.222

■ 91, 53.037,
186.340

■ 91, 53.392,
185.991

Harmonies

Complementary

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



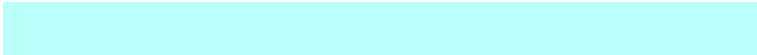
96, 22.534, 190.109



82, 25.673, 16.056

Rectangle

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



96, 22.534, 190.109



96, 22.534, 240.109



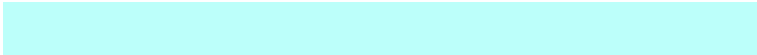
96, 22.534, 10.109



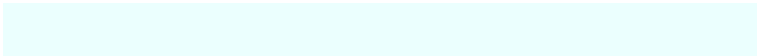
96, 22.534, 60.109

Sweetspot

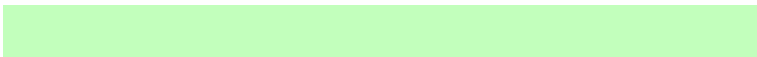
The Sweet Spot groups the original color and five complimentary colors.



96, 22.005, 191.722



99, 7.054, 193.086



95, 40.711, 140.594



52, 4.997, 192.963



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

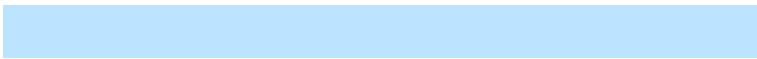
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.005, 191.722



95, 25.648, 191.373



88, 18.828, 249.548



52, 4.997, 192.963



70, 42.950, 186.157



24, 19.590, 187.320

Inverse Universe

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



82, 25.673, 16.056



79, 30.891, 16.705



89, 21.023, 63.086



50, 5.268, 14.256



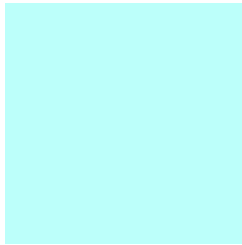
40, 81.312, 37.323



10, 32.811, 24.338

Previews

White Background



This preview shows how the CIE LCh color 96, 22.534, 190.109 looks on a white background.

Color Contrast Check

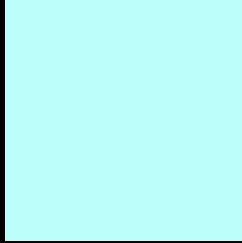
Large Text (above 18pt) WCAG AA × Fail

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, 22.534, 190.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

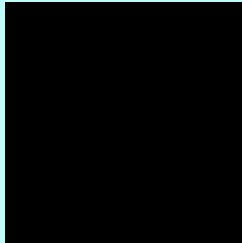
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 22.534, 190.109

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.534, 190.109.

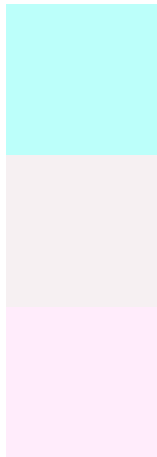


This preview shows how white text looks on a background with the CIELCh color 96, 22.534, 190.109.

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

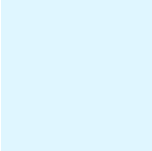
96, 22.120, 191.337

Protanopia

95, 2.372, 353.686

Deuteranopia

95, 10.239, 331.333

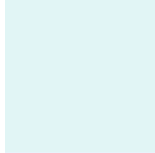


Tritanopia
96, 8.949, 230.193

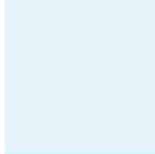
Trichromacy



Original Color
96, 22.120, 191.337



Protanomaly
95, 6.898, 199.049



Deuteranomaly
95, 5.762, 244.868

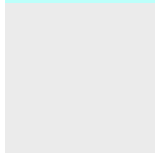


Tritanomaly
95, 13.147, 207.666

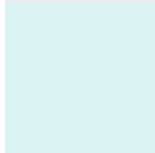
Monochromacy



Original Color
96, 22.120, 191.337



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.301, 195.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.534, 190.109 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(188, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 250)  
}
```

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(188, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.534, 190.109 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(188, 255, 250) }
```

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

```
.border{ border-color:rgb(188, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.534, 190.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 250) }
```

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

```
.background{ background-color: rgb(188,  
255, 250) }
```

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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