

Converting Colors

CIELCh(100, 30.370, 174.447)

Have a look what the booklet for
CIELCh(100, 30.370, 174.447)
contains.

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Color

CIElCh(96, 22.665, 188.826)

Conversions

Conversions Part 1

Format	Color
Hex	BCFFF9
RGB	188, 255, 249
RGB Percent	74%, 100%, 98%
CMY	0.2614, 0.0000, 0.0220
CMYK	0.26, 0.00, 0.02, 0.00
HSL	175°, 100%, 87%
HSV	175°, 26%, 100%
XYZ	74.1868, 90.0078, 103.3939
YIQ	234.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

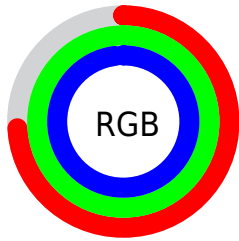
Format	Color
R_{YB}	188, 223, 255
Decimal	12386297
CIE _{Lab}	96.00, -22.40, -3.48
CIE _{LCh}	96, 22.665, 188.826
Yxy	90.0078, 0.2772, 0.3364
Android (android.graphics.Color)	4290576377 (0xFFBCFFF9)
YUV	234.2830, 7.2555, -40.5902
Hunter-Lab	94.8724, -26.4462, 1.7953

Details

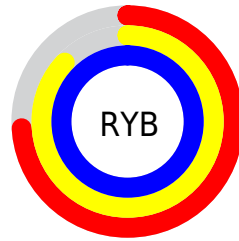
The CIELCh color **96, 22.665, 188.826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 25.643, 14.967**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **76, 22.068, 190.683** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.507, 189.723**, and if you desaturate by 10%, it is **97, 14.021, 191.261**.

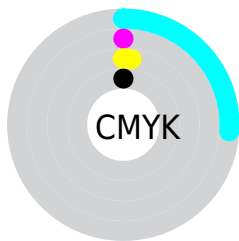
Distribution



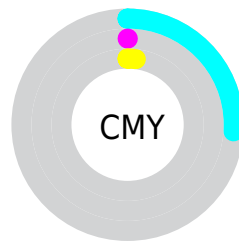
- Red (74%)
- Green (100%)
- Blue (98%)



- 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, 22.665, 188.826 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, 22.665, 188.826 by changing the saturation by 10% instead.


 96, 22.665,
188.826


 96, 22.665,
188.826


 100, 22.665,
188.826


 86, 22.665,
188.826

 76, 22.665,
188.826

 66, 22.665,
188.826

 56, 22.665,
188.826

 46, 22.665,
188.826

 36, 22.665,
188.826

 26, 22.665,

188.826

■ 16, 22.665,
188.826

■ 6, 22.665, 188.826

■ 96, 22.665,
188.826

■ 96, 22.665,
188.826

■ 94, 29.507,
189.723

■ 97, 14.021,
191.261

■ 93, 36.117,
188.947

■ 99, 5.448, 192.084

■ 92, 41.784,
188.153

100, 0.012,
296.813

■ 92, 46.403,
187.326

■ 91, 49.921,
186.452

■ 91, 52.353,
185.513

■ 91, 53.804,
184.493

■ 91, 54.204,
184.086

Harmonies

Complementary

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



96, 22.665, 188.826



83, 25.643, 14.967

Rectangle

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



96, 22.665, 188.826



96, 22.665, 238.826



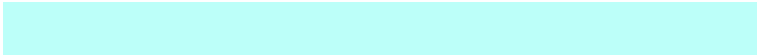
96, 22.665, 8.826



96, 22.665, 58.826

Sweetspot

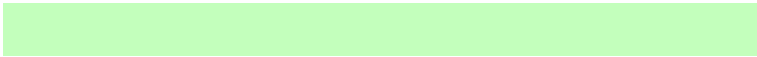
The Sweet Spot groups the original color and five complimentary colors.



96, 22.091, 190.491



99, 7.076, 191.917



95, 40.450, 140.166



52, 5.014, 191.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

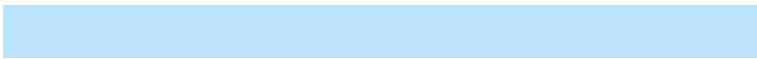
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.091, 190.491



95, 25.788, 190.118



89, 18.612, 247.421



52, 5.014, 191.790



70, 43.589, 184.280



23, 19.838, 185.637

Inverse Universe

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



83, 25.643, 14.967



79, 30.874, 15.630



89, 20.935, 61.221



50, 5.277, 13.134



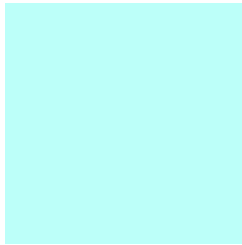
40, 80.703, 36.711



10, 32.710, 23.763

Previews

White Background



This preview shows how the CIE LCh color 96, 22.665, 188.826 looks on a white background.

Color Contrast Check

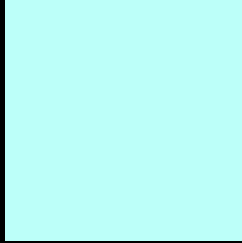
Large Text (above 18pt) WCAG AA × Fail

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, 22.665, 188.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

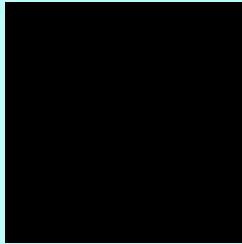
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

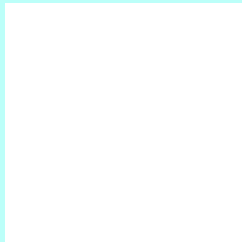
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.665, 188.826

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.665, 188.826.

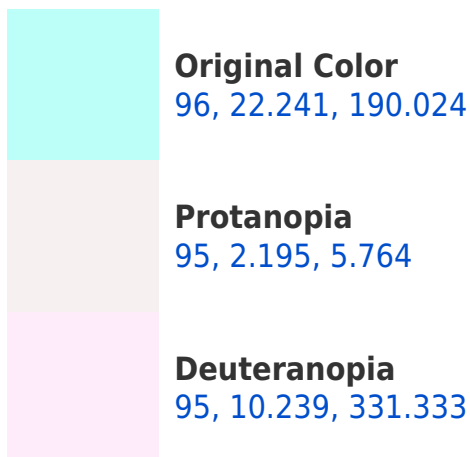


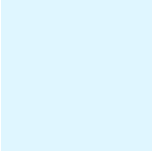
This preview shows how white text looks on a background with the CIELCh color 96, 22.665, 188.826.

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



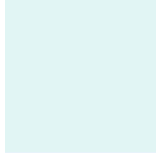


Tritanopia
96, 8.949, 230.193

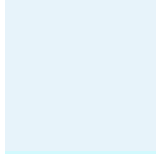
Trichromacy



Original Color
96, 22.241, 190.024



Protanomaly
95, 6.939, 194.791

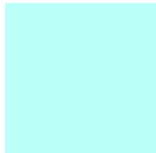


Deuteranomaly
95, 5.422, 240.904

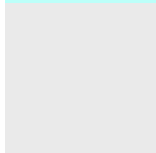


Tritanomaly
95, 13.147, 207.666

Monochromacy



Original Color
96, 22.241, 190.024



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.708, 192.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.665, 188.826 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 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(188, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.665, 188.826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

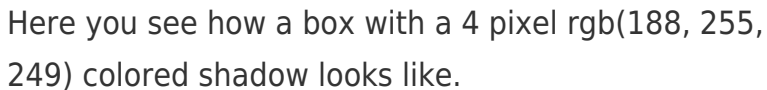
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 255, 249) }
```

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

```
.border{ border-color:rgb(188, 255, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 255, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 255, 249); box-shadow:4px 4px 4px 4px rgb(188, 255, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.665, 188.826 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, 249) }
```

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

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