

Converting Colors

CIELCh(96, 22.315, 189.463)

Have a look what the booklet for
CIELCh(96, 22.315, 189.463)
contains.

CIELCh(96, 21.826, 191.266)	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, 21.826, 191.266)

Conversions

Conversions Part 1

Format	Color
Hex	BEFFFF
RGB	190, 255, 251
RGB Percent	75%, 100%, 98%
CMY	0.2553, 0.0000, 0.0160
CMYK	0.26, 0.00, 0.02, 0.00
HSL	176°, 100%, 87%
HSV	176°, 26%, 100%
XYZ	74.6670, 90.0078, 104.6398
YIQ	235.1090, -37.4560, -15.0240

Conversions

Conversions Part 2

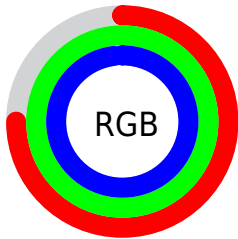
Format	Color
R_{YB}	190, 224, 255
Decimal	12517371
CIE _{Lab}	96.00, -21.41, -4.26
CIE _{LCh}	96, 21.826, 191.266
Yxy	90.0078, 0.2772, 0.3342
Android (android.graphics.Color)	4290707451 (0xFFBEFFFB)
YUV	235.1090, 7.8343, -39.5606
Hunter-Lab	94.8724, -25.5427, 1.0167

Details

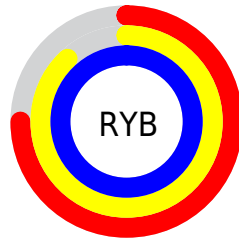
The CIELCh color **96, 21.826, 191.266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 24.998, 16.577**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **76, 21.241, 193.421** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.815, 191.761**, and if you desaturate by 10%, it is **97, 13.433, 193.166**.

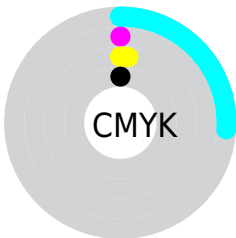
Distribution



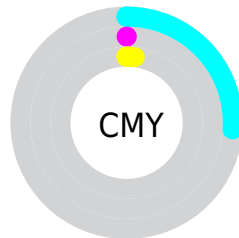
- Red (75%)
- Green (100%)
- Blue (98%)



- Red (75%)
- Yellow (88%)
- 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, 21.826, 191.266 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, 21.826, 191.266 by changing the saturation by 10% instead.


 96, 21.826,
191.266

 96, 21.826,
191.266


 100, 21.826,
191.266


 86, 21.826,
191.266

 76, 21.826,
191.266

 66, 21.826,
191.266

 56, 21.826,
191.266

 46, 21.826,
191.266

 36, 21.826,
191.266

 26, 21.826,

191.266

■ 16, 21.826,
191.266

■ 6, 21.826, 191.266

■ 96, 21.826,
191.266

■ 96, 21.826,
191.266

■ 94, 28.815,
191.761

■ 97, 13.433,
193.166

■ 93, 35.356,
191.076

■ 99, 4.891, 193.951

■ 92, 40.945,
190.392

100, 0.012,
296.813

■ 92, 45.477,
189.700

■ 91, 48.902,
188.987

■ 91, 51.233,
188.239

■ 91, 52.574,
187.440

■ 91, 52.963,
187.071

Harmonies

Complementary

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



96, 21.826, 191.266



83, 24.998, 16.577

Rectangle

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



96, 21.826, 191.266



96, 21.826, 241.266



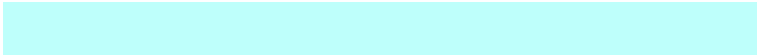
96, 21.826, 11.266



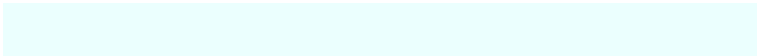
96, 21.826, 61.266

Sweetspot

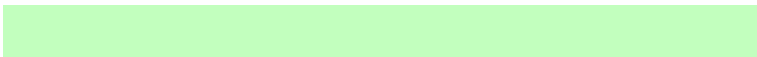
The Sweet Spot groups the original color and five complimentary colors.



96, 21.458, 192.455



99, 7.043, 193.737



95, 39.935, 141.065



52, 4.989, 193.617



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

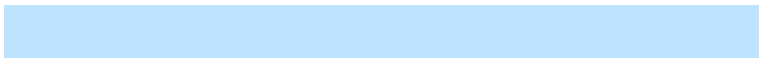
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.458, 192.455



95, 25.576, 192.074



88, 18.602, 251.513



52, 4.989, 193.617



70, 42.612, 187.221



24, 19.458, 188.270

Inverse Universe

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



83, 24.998, 16.577



79, 30.906, 17.300



89, 20.556, 65.009



50, 5.264, 14.880



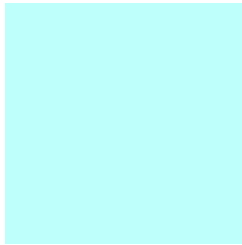
40, 81.632, 37.636



10, 32.869, 24.655

Previews

White Background



This preview shows how the CIE LCh color 96, 21.826, 191.266 looks on a white background.

Color Contrast Check

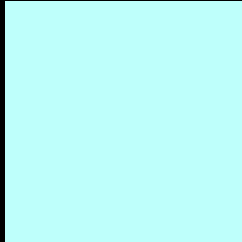
Large Text (above 18pt) WCAG AA × Fail

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, 21.826, 191.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

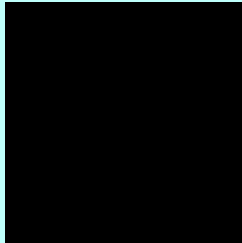
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

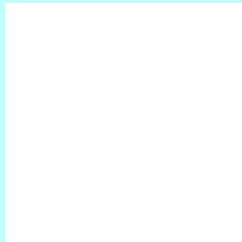
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.826, 191.266

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.826, 191.266.

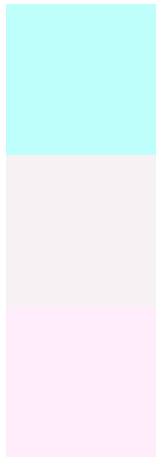


This preview shows how white text looks on a background with the CIELCh color 96, 21.826, 191.266.

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

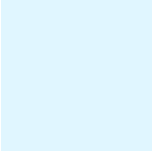
96, 21.421, 192.554

Protanopia

96, 2.058, 349.344

Deuteranopia

96, 10.005, 329.785

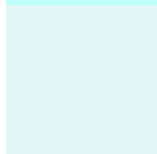


Tritanopia
96, 8.669, 231.333

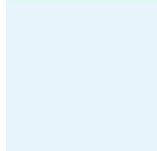
Trichromacy



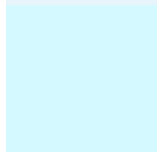
Original Color
96, 21.421, 192.554



Protanomaly
95, 6.893, 199.051



Deuteranomaly
95, 5.999, 242.546

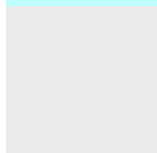


Tritanomaly
96, 12.575, 210.514

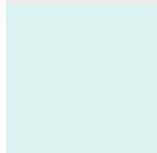
Monochromacy



Original Color
96, 21.421, 192.554



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.965, 195.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.826, 191.266 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(190, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 251)  
}
```

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(190, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.826, 191.266 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(190, 255, 251) }
```

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

```
.border{ border-color:rgb(190, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.826, 191.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 251) }
```

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

```
.background{ background-color: rgb(190,  
255, 251) }
```

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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