

Converting Colors

CIELCh(96, 20.089, 192.613)

Have a look what the booklet for
CIELCh(96, 20.089, 192.613)
contains.

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Color

CIElCh(96, 20.228, 192.307)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFFB
RGB	194, 255, 251
RGB Percent	76%, 100%, 98%
CMY	0.2390, 0.0000, 0.0154
CMYK	0.24, 0.00, 0.02, 0.00
HSL	176°, 100%, 88%
HSV	176°, 24%, 100%
XYZ	75.4673, 90.0078, 104.7155
YIQ	236.3050, -35.0720, -14.1760

Conversions

Conversions Part 2

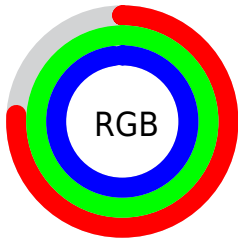
Format	Color
RYB	194, 226, 255
Decimal	12779515
CIELab	96.00, -19.76, -4.31
CIELCh	96, 20.228, 192.307
Yxy	90.0078, 0.2793, 0.3331
Android (android.graphics.Color)	4290969595 (0xFFC2FFFB)
YUV	236.3050, 7.2446, -37.1015
Hunter-Lab	94.8724, -24.0371, 0.9694

Details

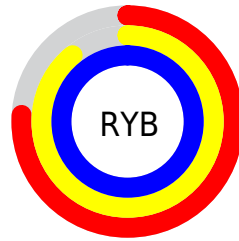
The CIELCh color **96, 20.228, 192.307** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.270, 16.227**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **76, 20.058, 193.254** is the 20% darker color. If you saturate the color by 10%, you get **95, 27.687, 191.696**, and if you desaturate by 10%, it is **98, 12.076, 193.120**.

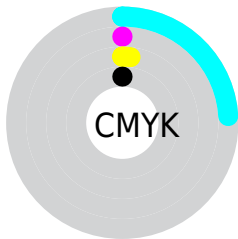
Distribution



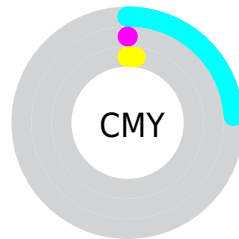
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 20.228, 192.307 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, 20.228, 192.307 by changing the saturation by 10% instead.


 96, 20.228,
192.307


 96, 20.228,
192.307


 100, 20.228,
192.307


 86, 20.228,
192.307

 76, 20.228,
192.307

 66, 20.228,
192.307

 56, 20.228,
192.307

 46, 20.228,
192.307

 36, 20.228,
192.307

 26, 20.228,

192.307

■ 16, 20.228,
192.307

■ 6, 20.228, 192.307

■ 96, 20.228,
192.307

■ 96, 20.228,
192.307

■ 95, 27.687,
191.696

■ 98, 12.076,
193.120

■ 94, 34.381,
191.002

■ 99, 3.458, 193.960

■ 93, 40.145,
190.309

100, 0.012,
296.813

■ 92, 44.868,
189.607

■ 91, 48.488,
188.884

■ 91, 51.008,
188.125

■ 91, 52.513,
187.316

■ 91, 53.069,
186.799

Harmonies

Complementary

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



96, 20.228, 192.307



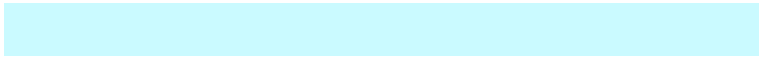
84, 23.270, 16.227

Rectangle

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



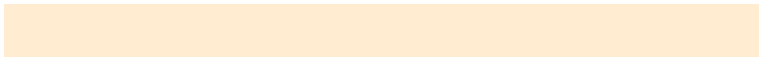
96, 20.228, 192.307



96, 20.228, 242.307



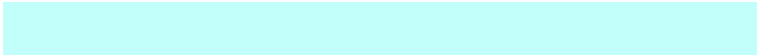
96, 20.228, 12.307



96, 20.228, 62.307

Sweetspot

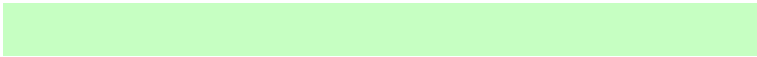
The Sweet Spot groups the original color and five complimentary colors.



96, 20.202, 192.398



99, 6.177, 193.658



95, 37.383, 141.186



53, 4.009, 193.607



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

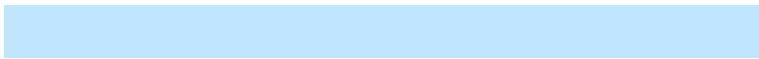
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 20.202, 192.398



95, 24.111, 192.038



89, 17.452, 251.228



52, 4.991, 193.453



70, 42.695, 186.954



24, 19.490, 188.031

Inverse Universe

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



84, 23.270, 16.227



81, 28.723, 16.876



90, 19.148, 65.188



50, 5.264, 14.724



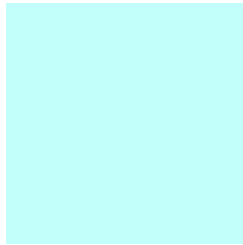
40, 81.553, 37.560



10, 32.854, 24.576

Previews

White Background



This preview shows how the CIE LCh color 96, 20.228, 192.307 looks on a white background.

Color Contrast Check

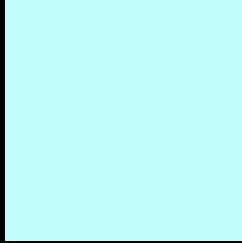
Large Text (above 18pt) WCAG AA × Fail

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, 20.228, 192.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

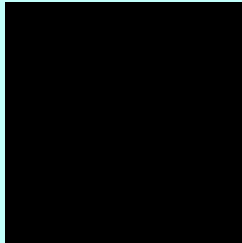
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

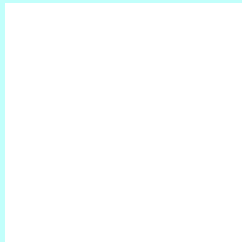
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 20.228, 192.307

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.228, 192.307.

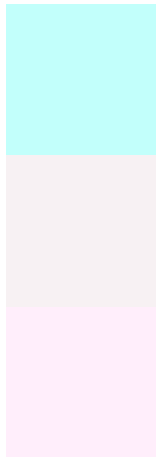


This preview shows how white text looks on a background with the CIELCh color 96, 20.228, 192.307.

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, 20.228, 192.307

Protanopia

96, 2.371, 353.684

Deuteranopia

96, 8.996, 332.180

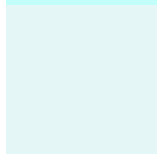


Tritanopia
96, 8.118, 233.851

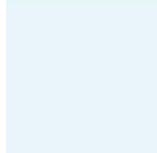
Trichromacy



Original Color
96, 20.228, 192.307



Protanomaly
96, 6.216, 199.105



Deuteranomaly
96, 5.169, 243.414

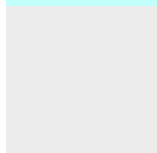


Tritanomaly
96, 11.949, 211.180

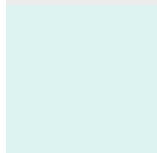
Monochromacy



Original Color
96, 20.228, 192.307



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.698, 191.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 20.228, 192.307 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(194, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.228, 192.307 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(194, 255, 251) }
```

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

```
.border{ border-color:rgb(194, 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(194, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.228, 192.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 251) }
```

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

```
.background{ background-color: rgb(194,  
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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