

Converting Colors

CIELCh(100, 24.315, 172.489)

Have a look what the booklet for
CIELCh(100, 24.315, 172.489)
contains.

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Color

CIElCh(96, 17.551, 186.491)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CBFEF7 |
| RGB | 203, 254, 247 |
| RGB Percent | 80%, 100%, 97% |
| CMY | 0.2051, 0.0053, 0.0327 |
| CMYK | 0.20, 0.00, 0.03, 0.01 |
| HSL | 172°, 95%, 89% |
| HSV | 172°, 20%, 99% |
| XYZ | 76.6097, 90.0078, 101.0552 |
| YIQ | 237.9530, -28.1490, -12.9890 |

Conversions

Conversions Part 2

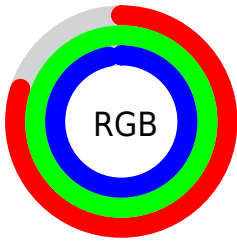
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 230, 254 |
| Decimal | 13369079 |
| CIE Lab | 96.00, -17.44, -1.98 |
| CIE LCh | 96, 17.551, 186.491 |
| Yxy | 90.0078, 0.2862, 0.3363 |
| Android (android.graphics.Color) | 4291559159 (0xFFCBBFEF7) |
| YUV | 237.9530, 4.4602, -30.6538 |
| Hunter-Lab | 94.8724, -21.8876, 3.2568 |

Details

The CIELCh color **96, 17.551, 186.491** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.361, 10.104**, 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, 17.393, 187.337** is the 20% darker color. If you saturate the color by 10%, you get **95, 25.604, 185.586**, and if you desaturate by 10%, it is **98, 8.996, 187.379**.

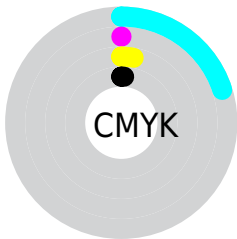
Distribution



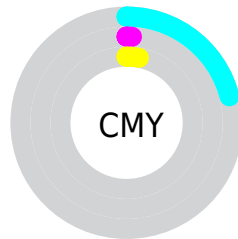
- Red (80%)
- Green (100%)
- Blue (97%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (21%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 17.551, 186.491 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, 17.551, 186.491 by changing the saturation by 10% instead.


 96, 17.551,
186.491


 96, 17.551,
186.491


 100, 17.551,
186.491


 86, 17.551,
186.491

 76, 17.551,
186.491

 66, 17.551,
186.491

 56, 17.551,
186.491

 46, 17.551,
186.491

 36, 17.551,
186.491

 26, 17.551,

186.491

■ 16, 17.551,
186.491

■ 6, 17.551, 186.491

■ 96, 17.551,
186.491

■ 96, 17.551,
186.491

■ 95, 25.604,
185.586

■ 98, 8.996, 187.379

■ 93, 32.998,
184.653

■ 100, 0.080,
196.013

■ 92, 39.582,
183.670

■ 100, 0.845,
324.105

■ 91, 45.221,
182.621

■ 91, 49.818,
181.485

■ 90, 53.336,
180.241

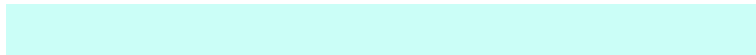
■ 90, 55.815,
178.868

■ 90, 57.447,
177.391

Harmonies

Complementary

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



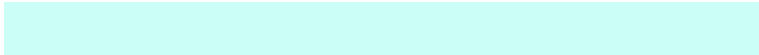
96, 17.551, 186.491



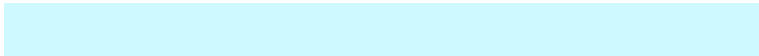
86, 19.361, 10.104

Rectangle

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



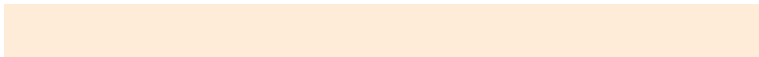
96, 17.551, 186.491



96, 17.551, 236.491



96, 17.551, 6.491



96, 17.551, 56.491

Sweetspot

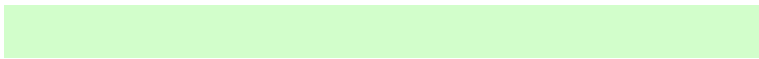
The Sweet Spot groups the original color and five complimentary colors.



96, 17.552, 186.486



99, 5.406, 187.769



95, 30.457, 139.223



53, 3.583, 187.703



0, 0.000, 0.000



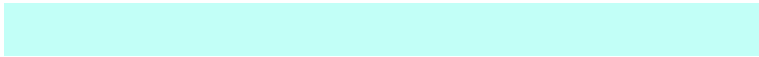
53, 0.007, 296.813

Same Dimension

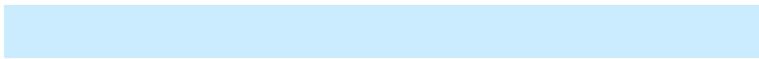
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 17.552, 186.486



96, 20.856, 186.137



92, 14.102, 239.985



52, 5.095, 187.432



70, 46.324, 177.667



23, 20.896, 179.647

Inverse Universe

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



86, 19.361, 10.104



84, 23.488, 10.592



90, 15.638, 56.039



50, 5.329, 8.932



40, 78.131, 33.876



10, 32.358, 21.558

Previews

White Background



This preview shows how the CIE LCh color 96, 17.551, 186.491 looks on a white background.

Color Contrast Check

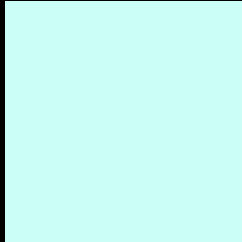
Large Text (above 18pt) WCAG AA × Fail

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, 17.551, 186.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

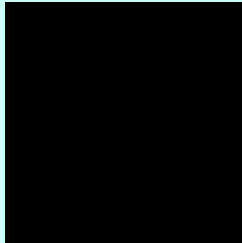
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 17.551, 186.491

Background



This preview shows how black text looks on a background with the CIELCh color 96, 17.551, 186.491.

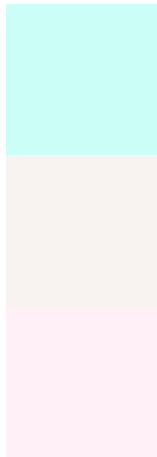


This preview shows how white text looks on a background with the CIELCh color 96, 17.551, 186.491.

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

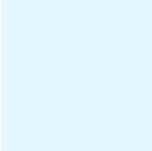
96, 17.561, 186.484

Protanopia

96, 2.351, 45.011

Deuteranopia

96, 7.016, 344.104

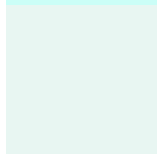


Tritanopia
96, 7.582, 236.737

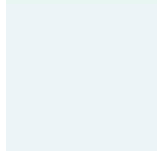
Trichromacy



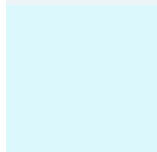
Original Color
96, 17.561, 186.484



Protanomaly
96, 5.327, 176.540



Deuteranomaly
96, 3.157, 228.645

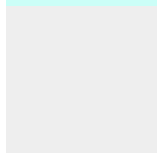


Tritanomaly
96, 10.235, 207.503

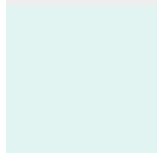
Monochromacy



Original Color
96, 17.561, 186.484



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 6.803, 185.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 17.551, 186.491 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(203, 254, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 254, 247)  
}
```

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(203, 254, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 254, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 17.551, 186.491 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(203, 254, 247) }
```

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

```
.border{ border-color:rgb(203, 254, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 254, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 254,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 17.551, 186.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 254, 247) }
```

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

```
.background{ background-color: rgb(203,  
254, 247) }
```

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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