

Converting Colors

CIELCh(100, 22.415, 171.255)

Have a look what the booklet for
CIELCh(100, 22.415, 171.255)
contains.

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Color

CIECh(97, 16.001, 185.443)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFF9
RGB	210, 255, 249
RGB Percent	82%, 100%, 98%
CMY	0.1777, 0.0000, 0.0247
CMYK	0.18, 0.00, 0.02, 0.00
HSL	172°, 100%, 91%
HSV	172°, 18%, 100%
XYZ	79.5204, 92.4403, 103.0225
YIQ	240.8610, -24.8940, -11.4060

Conversions

Conversions Part 2

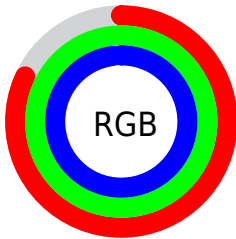
Format	Color
R_{YB}	210, 234, 255
Decimal	13828089
CIE _{Lab}	97.00, -15.93, -1.52
CIE _{LCh}	97, 16.001, 185.443
Yxy	92.4403, 0.2892, 0.3362
Android (android.graphics.Color)	4292018169 (0xFFD2FFF9)
YUV	240.8610, 4.0125, -27.0651
Hunter-Lab	96.1459, -20.6214, 3.7715

Details

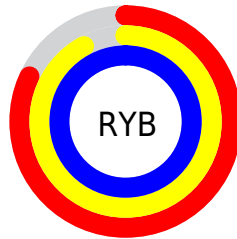
The CIELCh color **97, 16.001, 185.443** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.088, 9.682**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 15.334, 188.124** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.913, 185.634**, and if you desaturate by 10%, it is **99, 6.989, 187.439**.

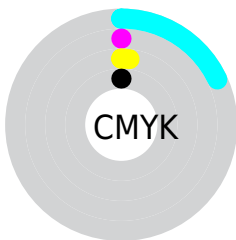
Distribution



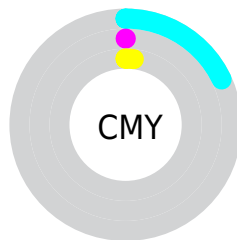
- Red (82%)
- Green (100%)
- Blue (98%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 16.001, 185.443 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 97, 16.001, 185.443 by changing the saturation by 10% instead.

 97, 16.001,
185.443


 97, 16.001,
185.443


 100, 16.001,
185.443


 87, 16.001,
185.443


 77, 16.001,
185.443

 67, 16.001,
185.443

 57, 16.001,
185.443

 47, 16.001,
185.443

 37, 16.001,
185.443

 27, 16.001,

185.443

■ 17, 16.001,
185.443

■ 7, 16.001, 185.443

■ 97, 16.001,
185.443

■ 97, 16.001,
185.443

■ 95, 23.913,
185.634

■ 99, 6.989, 187.439

■ 94, 31.518,
184.705

100, 0.012,
296.813

■ 93, 38.344,
183.728

■ 92, 44.251,
182.689

■ 91, 49.131,
181.566

■ 91, 52.930,
180.337

■ 90, 55.669,
178.983

■ 90, 57.477,
177.495

■ 90, 57.818,
177.158

Harmonies

Complementary

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



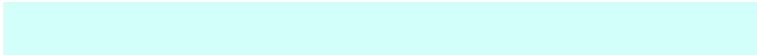
97, 16.001, 185.443



88, 17.088, 9.682

Rectangle

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



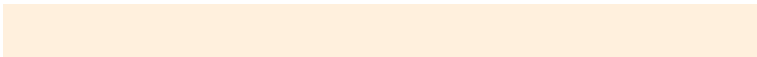
97, 16.001, 185.443



97, 16.001, 235.443



97, 16.001, 5.443



97, 16.001, 55.443

Sweetspot

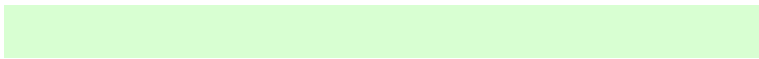
The Sweet Spot groups the original color and five complimentary colors.



97, 15.686, 186.533



99, 4.515, 187.721



96, 27.041, 139.364



53, 3.077, 187.645



0, 0.000, 0.000



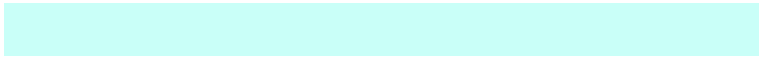
53, 0.007, 296.813

Same Dimension

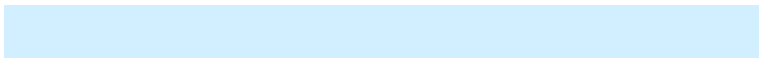
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 15.686, 186.533



96, 18.400, 186.245



93, 12.587, 239.688



52, 5.098, 187.276



70, 46.433, 177.440



23, 20.938, 179.440

Inverse Universe

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



88, 17.088, 9.682



86, 20.383, 10.066



92, 13.777, 56.221



50, 5.332, 8.781



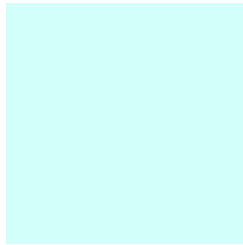
40, 78.033, 33.758



10, 32.346, 21.477

Previews

White Background



This preview shows how the CIE LCh color 97, 16.001, 185.443 looks on a white background.

Color Contrast Check

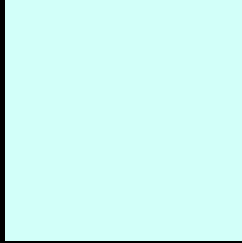
Large Text (above 18pt) WCAG AA × Fail

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 97, 16.001, 185.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

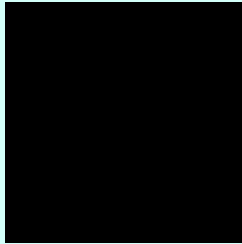
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

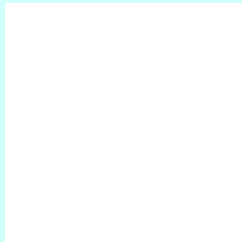
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 16.001, 185.443

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.001, 185.443.

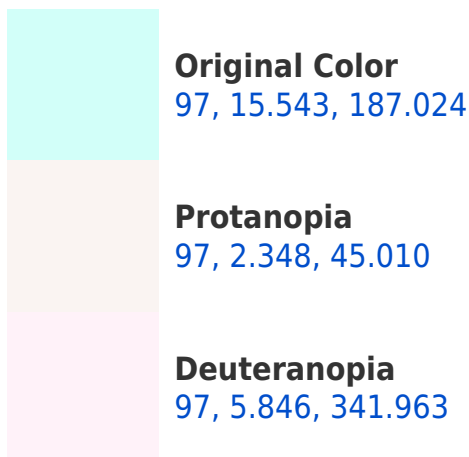


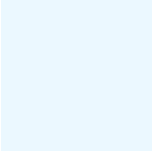
This preview shows how white text looks on a background with the CIELCh color 97, 16.001, 185.443.

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



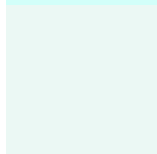


Tritanopia
97, 5.660, 238.606

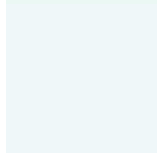
Trichromacy



Original Color
97, 15.543, 187.024



Protanomaly
97, 5.002, 175.059



Deuteranomaly
97, 2.947, 219.794

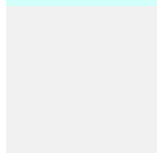


Tritanomaly
97, 8.553, 205.835

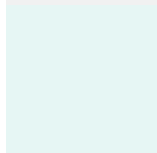
Monochromacy



Original Color
97, 15.543, 187.024



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.666, 188.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.001, 185.443 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(210, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.001, 185.443 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(210, 255, 249) }
```

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

```
.border{ border-color:rgb(210, 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(210, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.001, 185.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 249) }
```

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

```
.background{ background-color: rgb(210,  
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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