

Converting Colors

CIELCh(96, 14.799, 201.577)

Have a look what the booklet for
CIELCh(96, 14.799, 201.577)
contains.

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Color

CIELCh(96, 14.990, 200.473)

Conversions

Conversions Part 1

Format	Color
Hex	CFFCFD
RGB	207, 252, 253
RGB Percent	81%, 99%, 99%
CMY	0.1881, 0.0116, 0.0077
CMYK	0.18, 0.00, 0.00, 0.01
HSL	181°, 92%, 90%
HSV	181°, 18%, 99%
XYZ	78.2990, 90.0078, 106.2046
YIQ	238.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

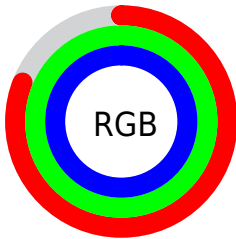
Format	Color
R _Y B	207, 230, 253
Decimal	13630717
CIE Lab	96.00, -14.04, -5.24
CIE LCh	96, 14.990, 200.473
Yxy	90.0078, 0.2852, 0.3279
Android (android.graphics.Color)	4291820797 (0xFFCFFCFD)
YUV	238.6590, 7.0701, -27.7649
Hunter-Lab	94.8724, -18.7093, 0.0387

Details

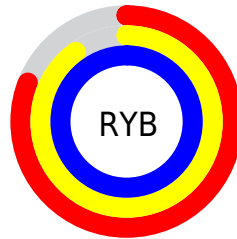
The CIELCh color **96, 14.990, 200.473** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 16.921, 22.384**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.836, 200.404** is the 20% darker color. If you saturate the color by 10%, you get **94, 22.436, 200.073**, and if you desaturate by 10%, it is **98, 6.939, 200.954**.

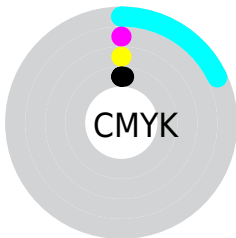
Distribution



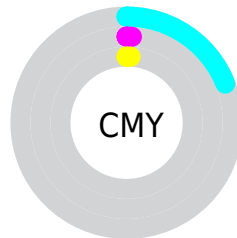
- Red (81%)
- Green (99%)
- Blue (99%)



- Red (81%)
- Yellow (90%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 14.990, 200.473 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, 14.990, 200.473 by changing the saturation by 10% instead.

96, 14.990,
200.473

96, 14.990,
200.473

100, 14.990,
200.473

86, 14.990,
200.473

76, 14.990,
200.473

66, 14.990,
200.473

56, 14.990,
200.473

46, 14.990,
200.473

36, 14.990,
200.473

26, 14.990,

200.473

■ 16, 14.990,
200.473

■ 6, 14.990, 200.473

■ 96, 14.990,
200.473

■ 96, 14.990,
200.473

■ 94, 22.436,
200.073

■ 98, 6.939, 200.954

■ 99, 0.654, 22.883

■ 93, 29.131,
199.757

■ 100, 0.557, 54.193

■ 92, 34.939,
199.524

■ 100, 0.651, 85.661

■ 91, 39.741,
199.383

■ 100, 0.876,
105.023

■ 90, 43.459,
199.341

100, 0.984,
110.026

■ 90, 46.066,
199.403

■ 89, 47.608,
199.573

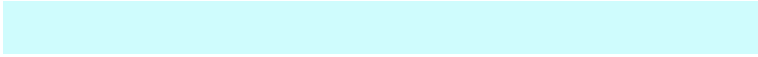
■ 89, 48.235,
199.842

■ 89, 48.304,
199.896

Harmonies

Complementary

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



96, 14.990, 200.473



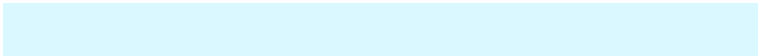
87, 16.921, 22.384

Rectangle

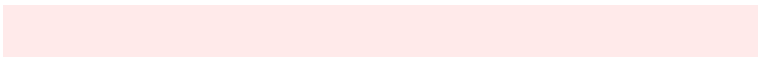
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



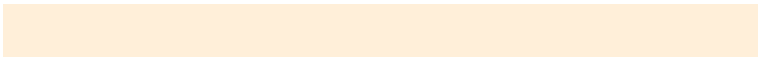
96, 14.990, 200.473



96, 14.990, 250.473



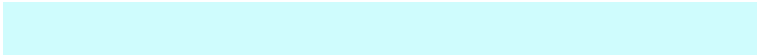
96, 14.990, 20.473



96, 14.990, 70.473

Sweetspot

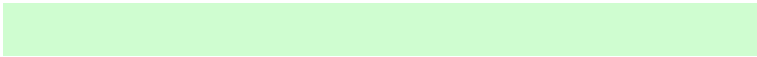
The Sweet Spot groups the original color and five complimentary colors.



96, 14.991, 200.466



99, 4.302, 201.162



95, 28.532, 143.726



53, 2.930, 201.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

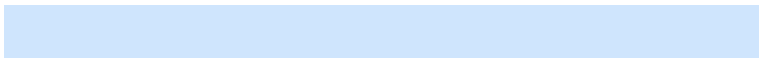
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.991, 200.466



96, 18.027, 200.307



90, 14.206, 259.839



52, 4.837, 200.880



69, 39.154, 199.836



23, 18.077, 199.408

Inverse Universe

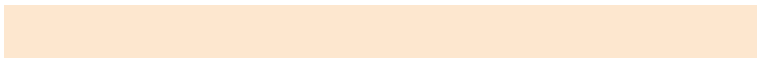
The Inverse Universe completely reimagines the original color for something new.



88, 28.461, 326.027



87, 34.677, 326.242



93, 14.828, 74.888



50, 8.925, 325.532



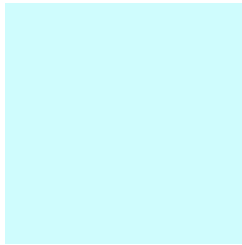
45, 91.514, 329.113



12, 42.187, 329.005

Previews

White Background



This preview shows how the CIE LCh color 96, 14.990, 200.473 looks on a white background.

Color Contrast Check

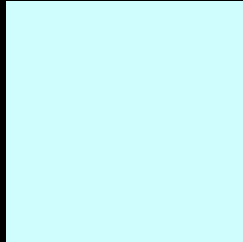
Large Text (above 18pt) WCAG AA × Fail

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, 14.990, 200.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

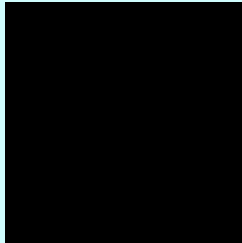
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 14.990, 200.473

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.990, 200.473.

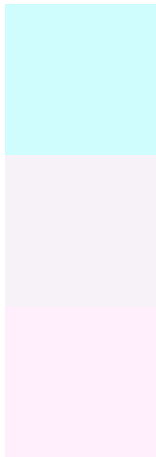


This preview shows how white text looks on a background with the CIELCh color 96, 14.990, 200.473.

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, 14.990, 200.473

Protanopia
96, 2.946, 318.819

Deuteranopia
96, 9.381, 330.090

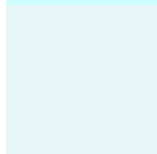


Tritanopia
96, 7.321, 238.340

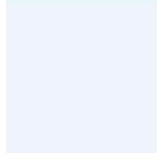
Trichromacy



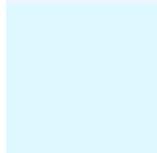
Original Color
96, 14.990, 200.473



Protanomaly
96, 5.041, 217.020



Deuteranomaly
96, 4.905, 269.954

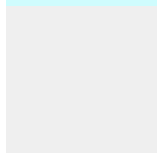


Tritanomaly
96, 9.561, 217.749

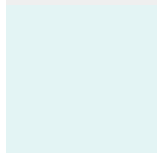
Monochromacy



Original Color
96, 14.990, 200.473



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.885, 199.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.990, 200.473 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(207, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 253)  
}
```

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(207, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.990, 200.473 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(207, 252, 253) }
```

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

```
.border{ border-color:rgb(207, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.990, 200.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 253) }
```

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

```
.background{ background-color: rgb(207,  
252, 253) }
```

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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