

Converting Colors

CIELCh(96, 12.231, 239.167)

Have a look what the booklet for
CIELCh(96, 12.231, 239.167)
contains.

CIELCh(96, 10.317, 219.314)	3
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Color

CIECh(96, 10.317, 219.314)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9FF
RGB	220, 249, 255
RGB Percent	86%, 98%, 100%
CMY	0.1384, 0.0246, 0.0000
CMYK	0.14, 0.02, 0.00, 0.00
HSL	191°, 100%, 93%
HSV	191°, 14%, 100%
XYZ	81.3759, 90.0078, 108.2961
YIQ	241.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

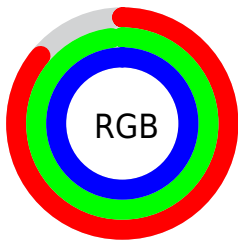
Format	Color
R _Y B	220, 236, 255
Decimal	14481919
CIE Lab	96.00, -7.98, -6.54
CIE LCh	96, 10.317, 219.314
Yxy	90.0078, 0.2910, 0.3218
Android (android.graphics.Color)	4292671999 (0xFFDC9FF)
YUV	241.0130, 6.8956, -18.4284
Hunter-Lab	94.8724, -12.9200, -1.2683

Details

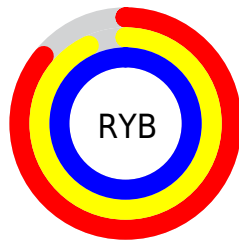
The CIELCh color **96, 10.317, 219.314** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 11.188, 36.814**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 10.112, 214.229** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.055, 217.679**, and if you desaturate by 10%, it is **99, 2.911, 217.240**.

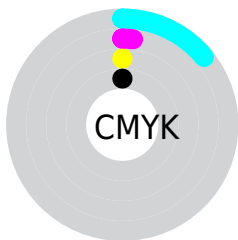
Distribution



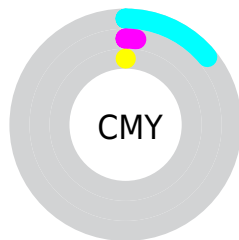
- Red (86%)
- Green (98%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 10.317, 219.314 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, 10.317, 219.314 by changing the saturation by 10% instead.


 96, 10.317,
219.314


 96, 10.317,
219.314


 100, 10.317,
219.314


 86, 10.317,
219.314

 76, 10.317,
219.314

 66, 10.317,
219.314

 56, 10.317,
219.314

 46, 10.317,
219.314

 36, 10.317,
219.314

 26, 10.317,

219.314

■ 16, 10.317,
219.314

■ 6, 10.317, 219.314

■ 96, 10.317,
219.314

■ 96, 10.317,
219.314

■ 93, 17.055,
217.679

■ 99, 2.911, 217.240

■ 91, 23.308,
218.254

100, 0.012,
296.813

■ 88, 28.855,
219.081

■ 86, 33.582,
220.219

■ 84, 37.396,
221.740

■ 82, 40.248,
223.722

■ 80, 42.158,
226.244

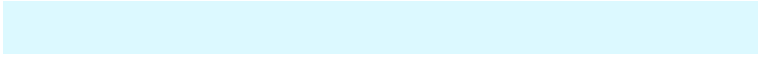
■ 79, 43.239,
229.362

■ 78, 43.637,
231.530

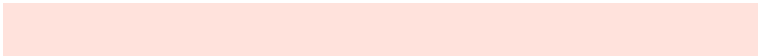
Harmonies

Complementary

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



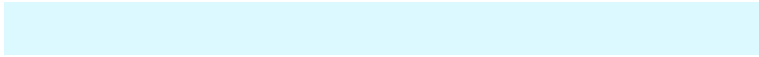
96, 10.317, 219.314



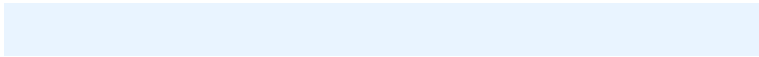
92, 11.188, 36.814

Rectangle

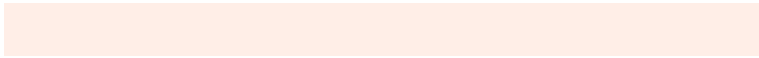
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 10.317, 219.314



96, 10.317, 269.314



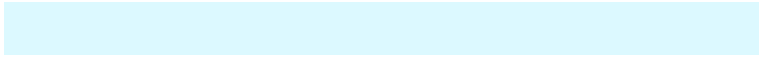
96, 10.317, 39.314



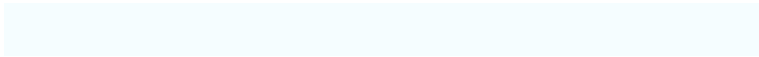
96, 10.317, 89.314

Sweetspot

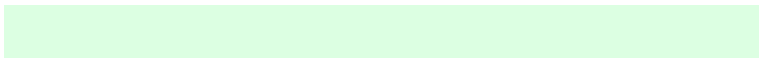
The Sweet Spot groups the original color and five complimentary colors.



96, 10.217, 217.315



99, 3.029, 217.234



97, 19.645, 148.488



53, 2.149, 217.213



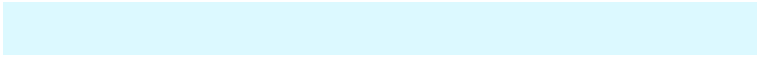
0, 0.000, 0.000



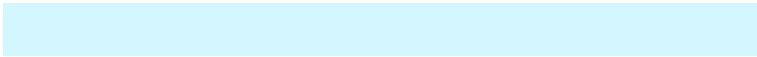
53, 0.007, 296.813

Same Dimension

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



96, 10.217, 217.315



95, 12.432, 217.409



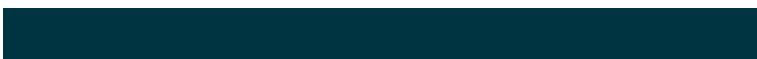
92, 12.723, 273.039



52, 4.246, 217.224



60, 35.123, 230.852



19, 16.137, 226.173

Inverse Universe

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



91, 19.543, 330.613



89, 24.035, 330.818



96, 12.752, 89.355



50, 8.006, 330.331



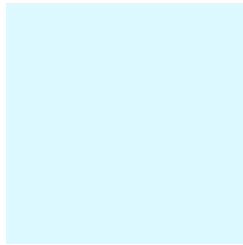
44, 81.006, 336.872



12, 37.880, 335.650

Previews

White Background



This preview shows how the CIE LCh color 96, 10.317, 219.314 looks on a white background.

Color Contrast Check

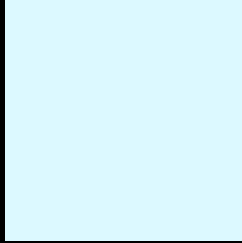
Large Text (above 18pt) WCAG AA × Fail

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, 10.317, 219.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

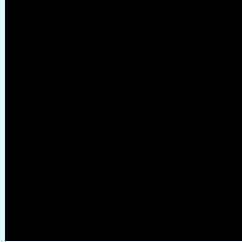
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 10.317, 219.314

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.317, 219.314.



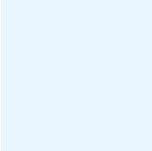
This preview shows how white text looks on a background with the CIELCh color 96, 10.317, 219.314.

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](#).

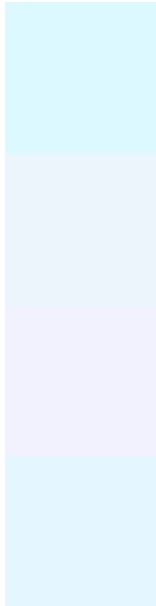
Dichromacy

	Original Color 96, 10.175, 216.526
	Protanopia 96, 4.753, 303.229
	Deuteranopia 96, 9.778, 328.170



Tritanopia
96, 6.501, 251.484

Trichromacy



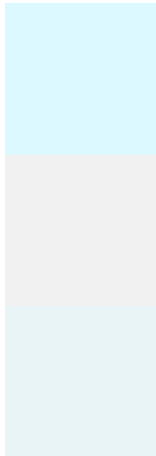
Original Color
96, 10.175, 216.526

Protanomaly
96, 4.903, 256.319

Deuteranomaly
96, 6.161, 290.662

Tritanomaly
96, 7.582, 236.737

Monochromacy



Original Color
96, 10.175, 216.526

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.936, 214.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.317, 219.314 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(220, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 255)  
}
```

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(220, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.317, 219.314 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(220, 249, 255) }
```

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

```
.border{ border-color:rgb(220, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.317, 219.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 255) }
```

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

```
.background{ background-color: rgb(220,  
249, 255) }
```

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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