

Converting Colors

CIELCh(96, 16.270, 181.809)

Have a look what the booklet for
CIELCh(96, 16.270, 181.809)
contains.

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Color

CIElCh(96, 16.354, 181.960)

Conversions

Conversions Part 1

Format	Color
Hex	CFFDF4
RGB	207, 253, 244
RGB Percent	81%, 99%, 96%
CMY	0.1884, 0.0080, 0.0433
CMYK	0.18, 0.00, 0.04, 0.01
HSL	168°, 92%, 90%
HSV	168°, 18%, 99%
XYZ	77.1514, 90.0078, 98.8573
YIQ	238.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

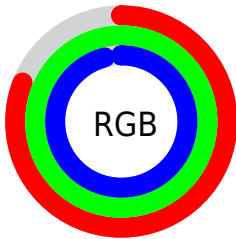
Format	Color
R_{YB}	207, 232, 253
Decimal	13630964
CIE _{Lab}	96.00, -16.34, -0.56
CIE _{LCh}	96, 16.354, 181.960
Yxy	90.0078, 0.2900, 0.3384
Android (android.graphics.Color)	4291821044 (0xFFCFFDF4)
YUV	238.2200, 2.8495, -27.3799
Hunter-Lab	94.8724, -20.8685, 4.6304

Details

The CIELCh color **96, 16.354, 181.960** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 17.624, 5.391**, 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, 16.172, 182.671** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.823, 180.962**, and if you desaturate by 10%, it is **98, 7.474, 182.929**.

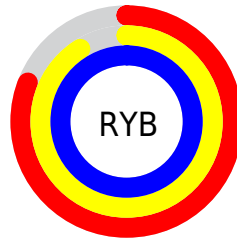
Distribution



Red (81%)

Green (99%)

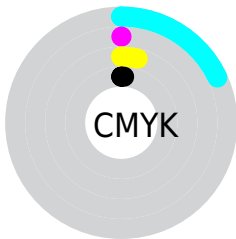
Blue (96%)



Red (81%)

Yellow (91%)

Blue (99%)

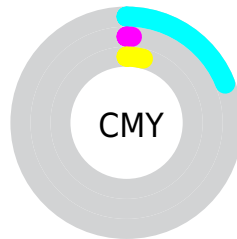


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (1%)



Cyan (19%)


Magenta (1%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 16.354, 181.960 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, 16.354, 181.960 by changing the saturation by 10% instead.


 96, 16.354,
181.960


 96, 16.354,
181.960


 100, 16.354,
181.960


 86, 16.354,
181.960

 76, 16.354,
181.960

 66, 16.354,
181.960

 56, 16.354,
181.960

 46, 16.354,
181.960

 36, 16.354,
181.960

 26, 16.354,

181.960

■ 16, 16.354,
181.960

■ 6, 16.354, 181.960

■ 96, 16.354,
181.960

■ 96, 16.354,
181.960

■ 94, 24.823,
180.962

■ 98, 7.474, 182.929

■ 99, 0.860, 346.501

■ 93, 32.724,
179.911

■ 99, 1.277, 324.244

■ 92, 39.899,
178.784

■ 91, 46.202,
177.558

■ 90, 51.519,
176.210

■ 90, 55.789,
174.715

■ 89, 59.029,
173.055

■ 89, 61.371,
171.230

■ 89, 61.754,
170.896

Harmonies

Complementary

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



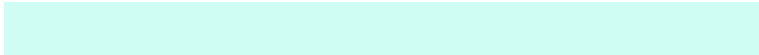
96, 16.354, 181.960



87, 17.624, 5.391

Rectangle

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



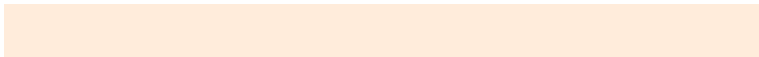
96, 16.354, 181.960



96, 16.354, 231.960



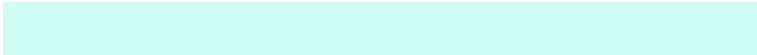
96, 16.354, 1.960



96, 16.354, 51.960

Sweetspot

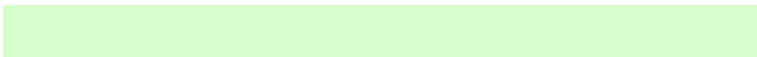
The Sweet Spot groups the original color and five complimentary colors.



96, 16.355, 181.955



99, 4.612, 183.267



96, 27.065, 137.918



53, 3.144, 183.188



0, 0.000, 0.000



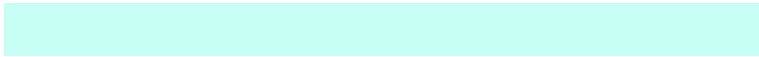
53, 0.007, 296.813

Same Dimension

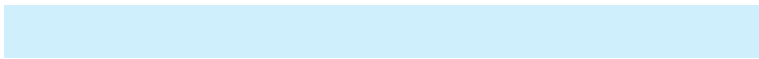
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 16.355, 181.955



96, 19.771, 181.580



93, 12.697, 233.152



52, 5.217, 182.797



69, 49.832, 171.234



23, 22.252, 173.714

Inverse Universe

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



87, 17.624, 5.391



85, 21.666, 5.863



90, 14.097, 50.366



50, 5.421, 4.410



40, 75.157, 29.916



10, 32.009, 18.948

Previews

White Background



This preview shows how the CIELCh color 96, 16.354, 181.960 looks on a white background.

Color Contrast Check

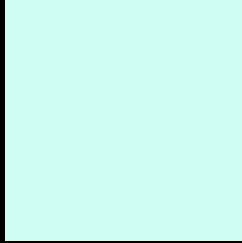
Large Text (above 18pt) WCAG AA × Fail

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, 16.354, 181.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

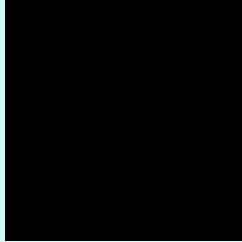
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

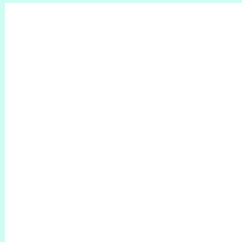
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 16.354, 181.960

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.354, 181.960.

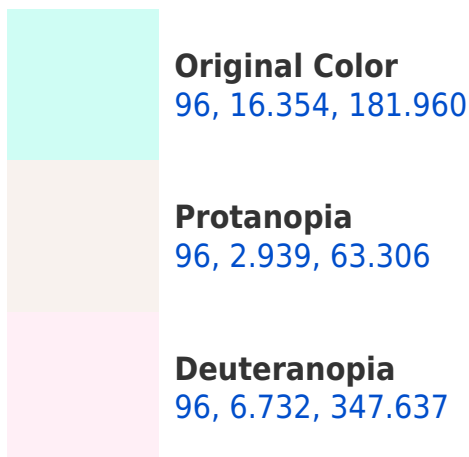


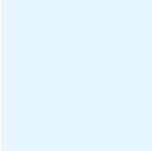
This preview shows how white text looks on a background with the CIELCh color 96, 16.354, 181.960.

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



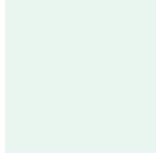


Tritanopia
96, 7.066, 240.063

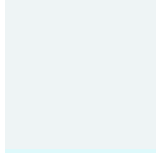
Trichromacy



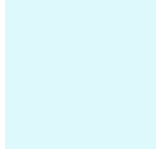
Original Color
96, 16.354, 181.960



Protanomaly
96, 5.531, 165.415



Deuteranomaly
96, 2.151, 213.368

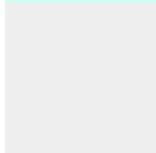


Tritanomaly
96, 9.221, 205.295

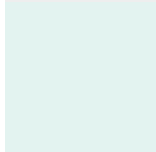
Monochromacy



Original Color
96, 16.354, 181.960



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.810, 183.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 16.354, 181.960 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, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(207, 253, 244)  
}
```

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, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 253, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.354, 181.960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

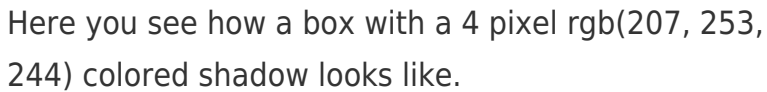
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 253, 244) }
```

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

```
.border{ border-color:rgb(207, 253, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 253, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 253, 244); box-shadow:4px 4px 4px 4px rgb(207, 253, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.354, 181.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 253, 244) }
```

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

```
.background{ background-color: rgb(207,  
253, 244) }
```

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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