

Converting Colors

CIELCh(96, 18.145, 177.690)

Have a look what the booklet for
CIELCh(96, 18.145, 177.690)
contains.

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Color

CIElCh(96, 18.368, 176.941)

Conversions

Conversions Part 1

Format	Color
Hex	CCFEF1
RGB	204, 254, 241
RGB Percent	80%, 100%, 95%
CMY	0.2003, 0.0042, 0.0552
CMYK	0.20, 0.00, 0.05, 0.00
HSL	164°, 96%, 90%
HSV	164°, 20%, 100%
XYZ	76.1644, 90.0078, 96.5184
YIQ	237.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

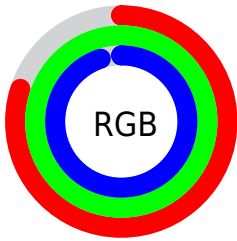
Format	Color
R_{YB}	204, 233, 254
Decimal	13434609
CIE _{Lab}	96.00, -18.34, 0.98
CIE _{LCh}	96, 18.368, 176.941
Yxy	90.0078, 0.2899, 0.3426
Android (android.graphics.Color)	4291624689 (0xFFCCFEF1)
YUV	237.5680, 1.6920, -29.4391
Hunter-Lab	94.8724, -22.7254, 6.0921

Details

The CIELCh color **96, 18.368, 176.941** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 19.626, 0.812**, 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, 18.256, 177.226** is the 20% darker color. If you saturate the color by 10%, you get **94, 27.216, 175.870**, and if you desaturate by 10%, it is **98, 9.150, 177.954**.

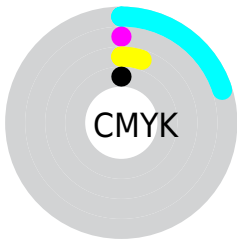
Distribution



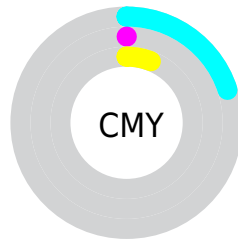
- Red (80%)
- Green (100%)
- Blue (95%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 18.368, 176.941 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, 18.368, 176.941 by changing the saturation by 10% instead.


 96, 18.368,
176.941


 96, 18.368,
176.941


 100, 18.368,
176.941


 86, 18.368,
176.941


 76, 18.368,
176.941

 66, 18.368,
176.941

 56, 18.368,
176.941

 46, 18.368,
176.941

 36, 18.368,
176.941

 26, 18.368,

176.941

■ 16, 18.368,
176.941

■ 6, 18.368, 176.941

■ 96, 18.368,
176.941

■ 96, 18.368,
176.941

■ 94, 27.216,
175.870

■ 98, 9.150, 177.954

■ 93, 35.533,
174.720

100, 0.300,
356.854

■ 92, 43.155,
173.464

100, 0.675,
324.007

■ 91, 49.932,
172.077

■ 90, 55.745,
170.534

■ 90, 60.533,
168.811

■ 89, 64.317,
166.892

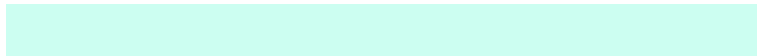
■ 89, 67.277,
164.809

■ 89, 67.365,
164.745

Harmonies

Complementary

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



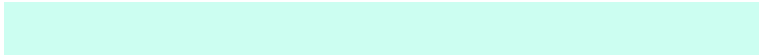
96, 18.368, 176.941



87, 19.626, 0.812

Rectangle

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



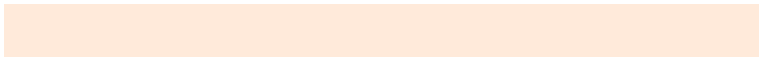
96, 18.368, 176.941



96, 18.368, 226.941



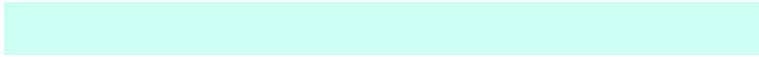
96, 18.368, 356.941



96, 18.368, 46.941

Sweetspot

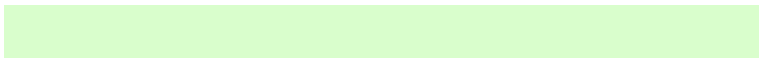
The Sweet Spot groups the original color and five complimentary colors.



96, 18.370, 176.937



99, 5.702, 178.340



96, 28.813, 135.859



53, 3.780, 178.269



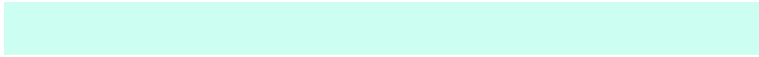
0, 0.000, 0.000



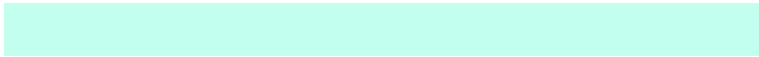
53, 0.007, 296.813

Same Dimension

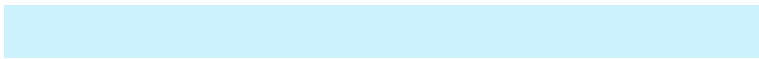
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.370, 176.937



96, 22.312, 176.485



93, 13.880, 224.517



52, 5.387, 177.972



69, 54.122, 165.134



23, 23.918, 167.979

Inverse Universe

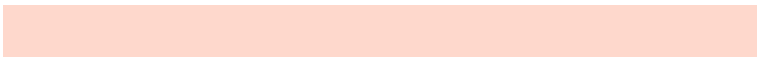
The Inverse Universe completely reimagines the original color for something new.



87, 19.626, 0.812



84, 24.210, 1.359



89, 15.759, 42.767



50, 5.560, 359.643



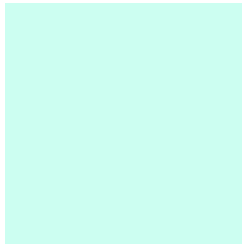
40, 72.200, 24.774



10, 31.647, 15.379

Previews

White Background



This preview shows how the CIELCh color 96, 18.368, 176.941 looks on a white background.

Color Contrast Check

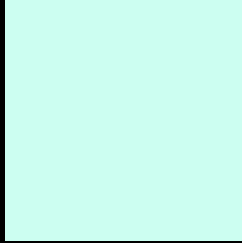
Large Text (above 18pt) WCAG AA × Fail

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, 18.368, 176.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

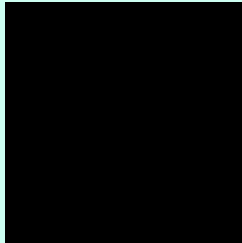
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

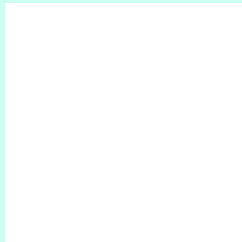
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 18.368, 176.941

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.368, 176.941.

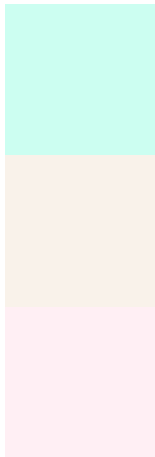


This preview shows how white text looks on a background with the CIELCh color 96, 18.368, 176.941.

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, 18.368, 176.941

Protanopia

96, 4.777, 78.104

Deuteranopia

96, 6.252, 355.599

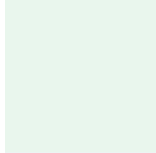


Tritanopia
96, 7.321, 238.340

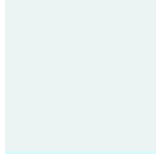
Trichromacy



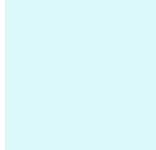
Original Color
96, 18.368, 176.941



Protanomaly
96, 6.537, 154.292



Deuteranomaly
96, 2.850, 189.078

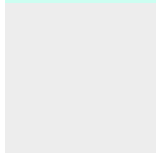


Tritanomaly
96, 9.865, 201.830

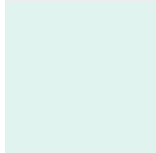
Monochromacy



Original Color
96, 18.368, 176.941



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 6.828, 176.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.368, 176.941 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(204, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(204, 254, 241)  
}
```

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(204, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.368, 176.941 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(204, 254, 241) }
```

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

```
.border{ border-color:rgb(204, 254, 241) }
```

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

Here you see how a box with a 4 pixel rgb(204, 254, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(204, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.368, 176.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 254, 241) }
```

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

```
.background{ background-color: rgb(204,  
254, 241) }
```

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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