

Converting Colors

CIELCh(96, 24.148, 156.357)

Have a look what the booklet for
CIELCh(96, 24.148, 156.357)
contains.

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Color

CIELCh(96, 24.031, 156.641)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFE0
RGB	204, 255, 224
RGB Percent	80%, 100%, 88%
CMY	0.1988, 0.0000, 0.1203
CMYK	0.20, 0.00, 0.12, 0.00
HSL	144°, 100%, 90%
HSV	144°, 20%, 100%
XYZ	74.3490, 90.0078, 84.2002
YIQ	236.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

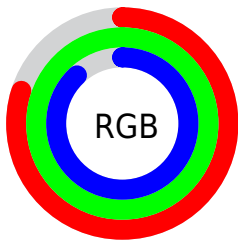
Format	Color
RYB	204, 241, 255
Decimal	13434848
CIELab	96.00, -22.06, 9.53
CIELCh	96, 24.031, 156.641
Yxy	90.0078, 0.2991, 0.3621
Android (android.graphics.Color)	4291624928 (0xFFCCFFE0)
YUV	236.2170, -6.0230, -28.2543
Hunter-Lab	94.8724, -26.1410, 13.7902

Details

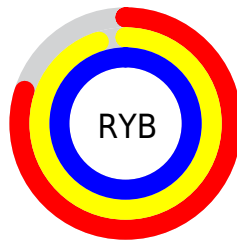
The CIELCh color **96, 24.031, 156.641** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 24.187, 339.940**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.899, 156.943** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.720, 155.767**, and if you desaturate by 10%, it is **98, 11.827, 157.655**.

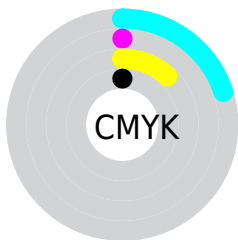
Distribution



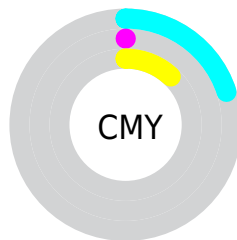
- Red (80%)
- Green (100%)
- Blue (88%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 24.031, 156.641 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, 24.031, 156.641 by changing the saturation by 10% instead.


 96, 24.031,
156.641


 96, 24.031,
156.641

 100, 24.031,
156.641


 86, 24.031,
156.641

 76, 24.031,
156.641

 66, 24.031,
156.641

 56, 24.031,
156.641

 46, 24.031,
156.641

 36, 24.031,
156.641

 26, 24.031,

156.641

■ 16, 24.031,
156.641

■ 6, 24.031, 156.641

■ 96, 24.031,
156.641

■ 96, 24.031,
156.641

■ 94, 35.720,
155.767

■ 98, 11.827,
157.655

■ 93, 47.289,
154.632

100, 0.012,
296.813

■ 91, 58.334,
153.333

■ 90, 68.637,
151.847

■ 89, 77.997,
150.157

■ 89, 86.264,
148.259

■ 88, 93.366,
146.176

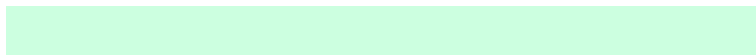
■ 88, 99.389,
144.003

■ 88, 99.459,
143.977

Harmonies

Complementary

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



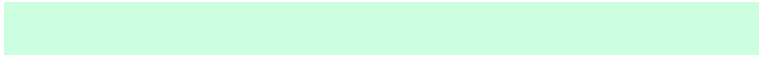
96, 24.031, 156.641



87, 24.187, 339.940

Rectangle

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



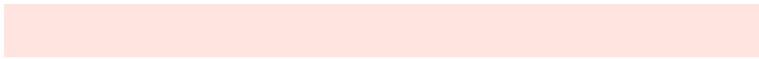
96, 24.031, 156.641



96, 24.031, 206.641



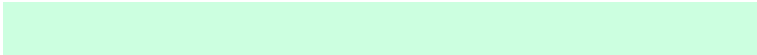
96, 24.031, 336.641



96, 24.031, 26.641

Sweetspot

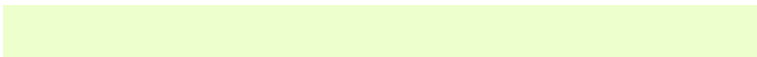
The Sweet Spot groups the original color and five complimentary colors.



96, 23.837, 156.764



99, 7.172, 157.990



97, 26.667, 123.869



53, 4.759, 157.932



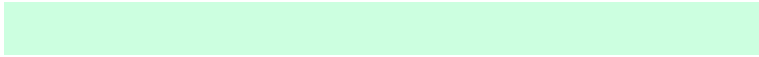
0, 0.000, 0.000



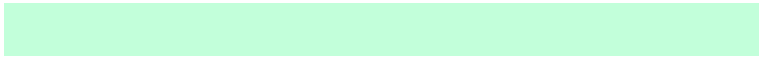
53, 0.007, 296.813

Same Dimension

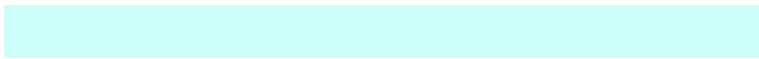
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.837, 156.764



95, 28.763, 156.368



97, 17.302, 188.220



52, 6.808, 157.687



68, 79.388, 144.385



23, 34.141, 147.506

Inverse Universe

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



87, 24.187, 339.940



85, 29.262, 340.304



87, 19.165, 11.679



50, 6.863, 339.066



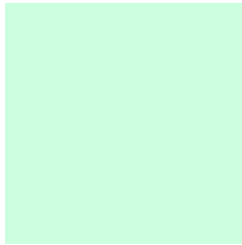
42, 70.529, 352.516



11, 33.237, 348.576

Previews

White Background



This preview shows how the CIELCh color 96, 24.031, 156.641 looks on a white background.

Color Contrast Check

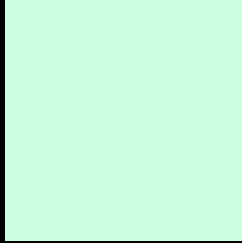
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 24.031, 156.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

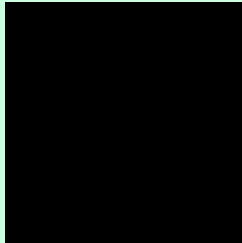
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

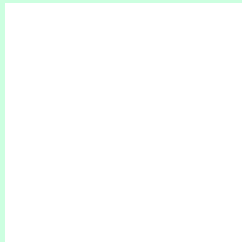
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 24.031, 156.641

Background



This preview shows how black text looks on a background with the CIELCh color 96, 24.031, 156.641.

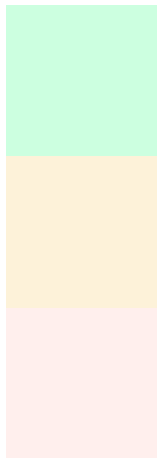


This preview shows how white text looks on a background with the CIELCh color 96, 24.031, 156.641.

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](#).

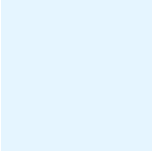
Dichromacy



Original Color
96, 24.031, 156.641

Protanopia
96, 13.386, 91.492

Deuteranopia
96, 5.826, 29.766



Tritanopia
96, 7.399, 243.207

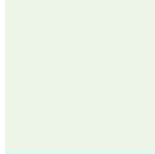
Trichromacy



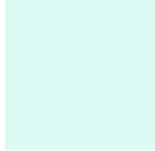
Original Color
96, 24.031, 156.641



Protanomaly
96, 14.479, 126.598



Deuteranomaly
96, 7.257, 132.799

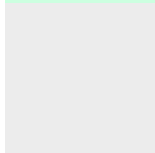


Tritanomaly
96, 10.343, 184.414

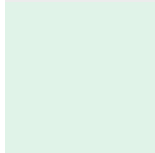
Monochromacy



Original Color
96, 24.031, 156.641



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.824, 159.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 24.031, 156.641 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, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 224)  
}
```

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, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 24.031, 156.641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

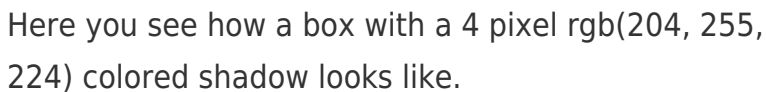
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 255, 224) }
```

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

```
.border{ border-color:rgb(204, 255, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 24.031, 156.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 224) }
```

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

```
.background{ background-color: rgb(204,  
255, 224) }
```

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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