

Converting Colors

CIELCh(100, 35.687, 146.603)

Have a look what the booklet for
CIELCh(100, 35.687, 146.603)
contains.

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Color

CIElCh(96, 26.360, 148.789)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFD8
RGB	207, 255, 216
RGB Percent	81%, 100%, 85%
CMY	0.1870, 0.0000, 0.1517
CMYK	0.19, 0.00, 0.15, 0.00
HSL	131°, 100%, 91%
HSV	131°, 19%, 100%
XYZ	74.1152, 90.0078, 78.6423
YIQ	236.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

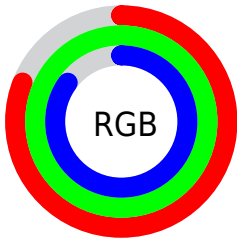
Format	Color
R _Y B	207, 247, 255
Decimal	13631448
CIE Lab	96.00, -22.54, 13.66
CIE LCh	96, 26.360, 148.789
Yxy	90.0078, 0.3053, 0.3708
Android (android.graphics.Color)	4291821528 (0xFFCFFFD8)
YUV	236.2020, -9.9596, -25.6102
Hunter-Lab	94.8724, -26.5809, 17.2636

Details

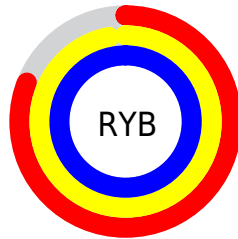
The CIELCh color **96, 26.360, 148.789** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 26.258, 331.305**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 26.351, 148.722** is the 20% darker color. If you saturate the color by 10%, you get **94, 40.157, 147.966**, and if you desaturate by 10%, it is **98, 12.119, 149.603**.

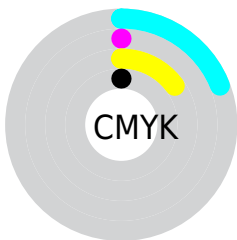
Distribution



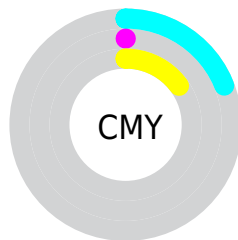
- Red (81%)
- Green (100%)
- Blue (85%)



- Red (81%)
- Yellow (97%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 26.360, 148.789 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, 26.360, 148.789 by changing the saturation by 10% instead.


 96, 26.360,
148.789


 96, 26.360,
148.789


 100, 26.360,
148.789


 86, 26.360,
148.789

 76, 26.360,
148.789

 66, 26.360,
148.789

 56, 26.360,
148.789

 46, 26.360,
148.789

 36, 26.360,
148.789

 26, 26.360,

148.789

■ 16, 26.360,
148.789

■ 6, 26.360, 148.789

■ 96, 26.360,
148.789

■ 96, 26.360,
148.789

■ 94, 40.157,
147.966

■ 98, 12.119,
149.603

■ 92, 53.869,
146.952

100, 0.012,
296.813

■ 91, 67.024,
145.782

■ 90, 79.312,
144.449

■ 89, 90.404,
142.961

■ 88, 99.975,
141.359

■ 88, 107.740,
139.722

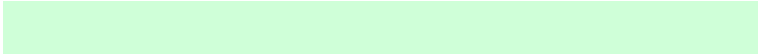
■ 88, 113.505,
138.188

■ 88, 114.124,
138.019

Harmonies

Complementary

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



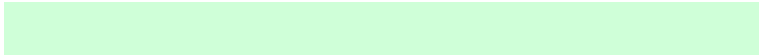
96, 26.360, 148.789



88, 26.258, 331.305

Rectangle

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



96, 26.360, 148.789



96, 26.360, 198.789



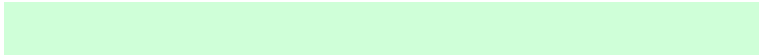
96, 26.360, 328.789



96, 26.360, 18.789

Sweetspot

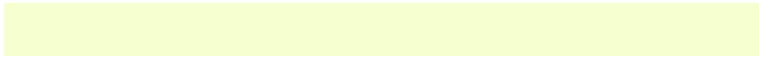
The Sweet Spot groups the original color and five complimentary colors.



96, 26.165, 148.840



99, 8.339, 149.800



98, 24.330, 116.023



52, 5.534, 149.752



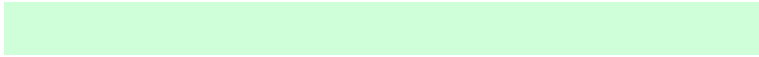
0, 0.000, 0.000



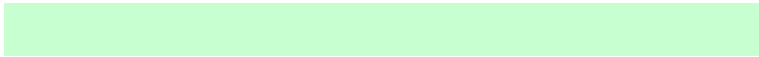
53, 0.007, 296.813

Same Dimension

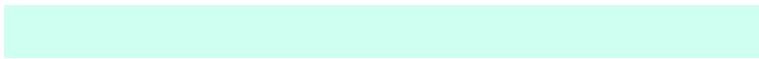
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 26.165, 148.840



95, 30.796, 148.566



96, 18.167, 173.048



52, 7.922, 149.545



68, 91.324, 138.292



23, 39.715, 140.686

Inverse Universe

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



88, 26.258, 331.305



86, 30.912, 331.524



88, 19.124, 356.697



50, 7.946, 330.701



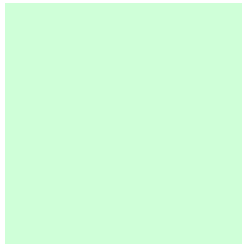
43, 80.354, 337.505



11, 37.608, 336.181

Previews

White Background



This preview shows how the CIELCh color 96, 26.360, 148.789 looks on a white background.

Color Contrast Check

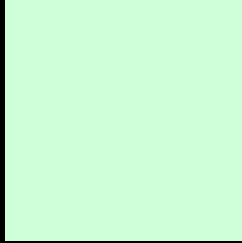
Large Text (above 18pt) WCAG AA × Fail

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, 26.360, 148.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

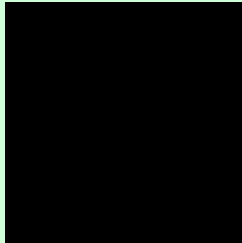
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

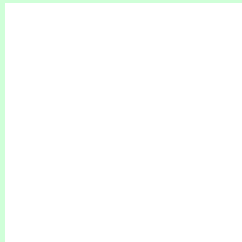
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 26.360, 148.789

Background



This preview shows how black text looks on a background with the CIELCh color 96, 26.360, 148.789.

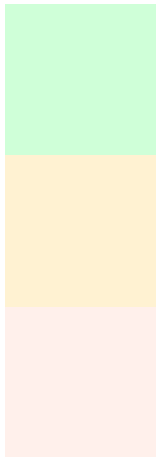


This preview shows how white text looks on a background with the CIELCh color 96, 26.360, 148.789.

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, 26.360, 148.789

Protanopia
96, 17.034, 92.314

Deuteranopia
96, 5.960, 44.972

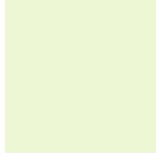


Tritanopia
96, 7.163, 245.075

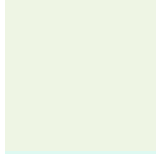
Trichromacy



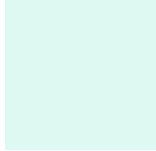
Original Color
96, 26.360, 148.789



Protanomaly
96, 18.151, 119.304



Deuteranomaly
96, 9.062, 125.604

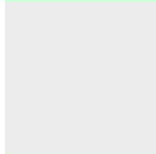


Tritanomaly
96, 10.277, 175.259

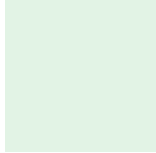
Monochromacy



Original Color
96, 26.360, 148.789



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.441, 149.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 26.360, 148.789 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, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 216)  
}
```

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, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 26.360, 148.789 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, 255, 216) }
```

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

```
.border{ border-color:rgb(207, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 26.360, 148.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 216) }
```

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

```
.background{ background-color: rgb(207,  
255, 216) }
```

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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