

Converting Colors

CIELCh(100, 46.136, 133.706)

Have a look what the booklet for
CIELCh(100, 46.136, 133.706)
contains.

CIELCh(96, 37.084, 131.188)	3
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Color

CIELCh(96, 37.084, 131.188)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFBC
RGB	215, 255, 188
RGB Percent	84%, 100%, 74%
CMY	0.1550, 0.0000, 0.2609
CMYK	0.15, 0.00, 0.26, 0.00
HSL	96°, 100%, 87%
HSV	96°, 26%, 100%
XYZ	73.2124, 90.0078, 61.3574
YIQ	235.4020, -2.3330, -29.3170

Conversions

Conversions Part 2

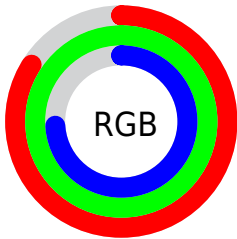
Format	Color
RYB	188, 255, 228
Decimal	14155708
CIELab	96.00, -24.42, 27.91
CIELCh	96, 37.084, 131.188
Yxy	90.0078, 0.3260, 0.4008
Android (android.graphics.Color)	4292345788 (0xFFD7FFBC)
YUV	235.4020, -23.3692, -17.8926
Hunter-Lab	94.8724, -28.2795, 28.0657

Details

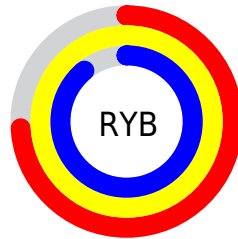
The CIELCh color **96, 37.084, 131.188** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 37.856, 313.441**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **76, 37.061, 130.800** is the 20% darker color. If you saturate the color by 10%, you get **95, 50.715, 130.594**, and if you desaturate by 10%, it is **97, 22.690, 131.583**.

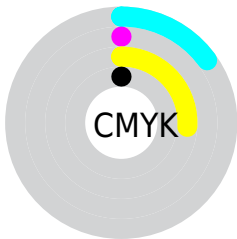
Distribution



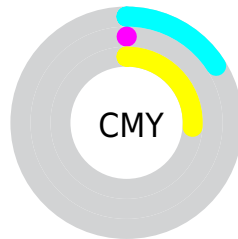
- Red (84%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 37.084, 131.188 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, 37.084, 131.188 by changing the saturation by 10% instead.


 96, 37.084,
131.188

 96, 37.084,
131.188

 100, 37.084,
131.188

 86, 37.084,
131.188

 76, 37.084,
131.188

 66, 37.084,
131.188

 56, 37.084,
131.188

 46, 37.084,
131.188

 36, 37.084,
131.188

 26, 37.084,

131.188

■ 16, 37.084,
131.188

■ 6, 37.084, 131.188

■ 96, 37.084,
131.188

■ 96, 37.084,
131.188

■ 95, 50.715,
130.594

■ 97, 22.690,
131.583

■ 93, 64.240,
130.106

■ 99, 8.560, 132.047

■ 92, 77.058,
129.686

100, 0.012,
296.813

■ 91, 88.732,
129.415

■ 91, 98.692,
129.412

■ 90, 106.326,
129.811

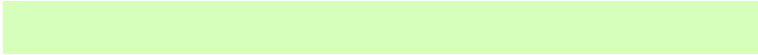
■ 89, 111.256,
130.697

■ 89, 112.655,
131.113

Harmonies

Complementary

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



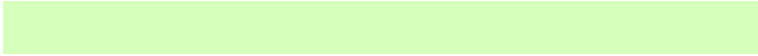
96, 37.084, 131.188



82, 37.856, 313.441

Rectangle

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



96, 37.084, 131.188



96, 37.084, 181.188



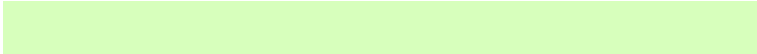
96, 37.084, 311.188



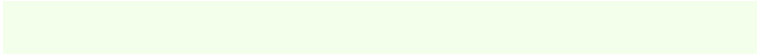
96, 37.084, 1.188

Sweetspot

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



96, 36.793, 131.096



99, 11.256, 131.959



92, 22.764, 80.438



52, 8.004, 131.890



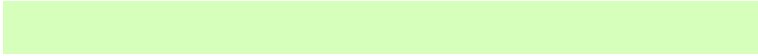
0, 0.000, 0.000



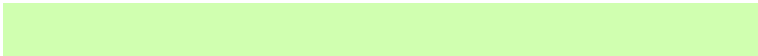
53, 0.007, 296.813

Same Dimension

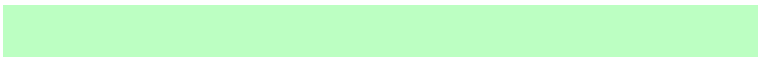
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 36.793, 131.096



95, 43.664, 130.850



94, 39.383, 144.939



52, 8.004, 131.890



69, 90.471, 130.850



23, 40.180, 129.444

Inverse Universe

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



82, 37.856, 313.441



78, 45.180, 313.674



84, 39.423, 328.282



49, 8.094, 312.672



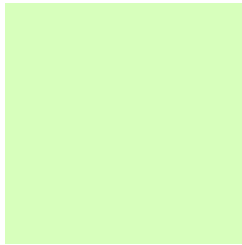
33, 98.526, 314.218



7, 44.688, 315.498

Previews

White Background



This preview shows how the CIE LCh color 96, 37.084, 131.188 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, 37.084, 131.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

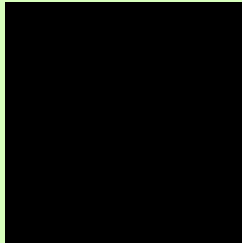
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

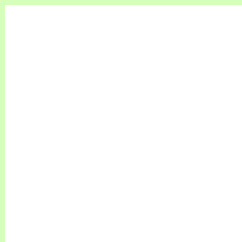
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 37.084, 131.188

Background



This preview shows how black text looks on a background with the CIELCh color 96, 37.084, 131.188.

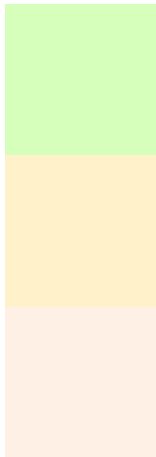


This preview shows how white text looks on a background with the CIELCh color 96, 37.084, 131.188.

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, 37.084, 131.188

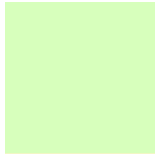
Protanopia
96, 20.982, 95.024

Deuteranopia
96, 7.450, 62.820

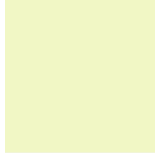


Tritanopia
96, 6.541, 259.104

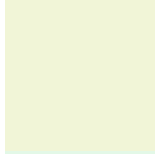
Trichromacy



Original Color
96, 37.084, 131.188



Protanomaly
96, 25.502, 113.284



Deuteranomaly
96, 15.379, 114.467

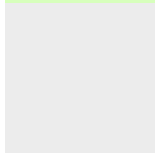


Tritanomaly
96, 11.513, 149.681

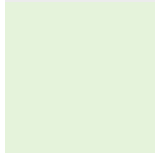
Monochromacy



Original Color
96, 37.084, 131.188



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 13.337, 131.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 37.084, 131.188 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(215, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 188)  
}
```

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(215, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 37.084, 131.188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

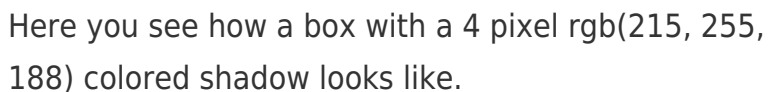
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 255, 188) }
```

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

```
.border{ border-color:rgb(215, 255, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 255, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 255, 188); box-shadow:4px 4px 4px 4px rgb(215, 255, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 37.084, 131.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 188) }
```

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

```
.background{ background-color: rgb(215,  
255, 188) }
```

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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