

Converting Colors

CIELCh(96, 30.525, 131.512)

Have a look what the booklet for
CIELCh(96, 30.525, 131.512)
contains.

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Color

CIElCh(96, 30.502, 131.516)

Conversions

Conversions Part 1

Format	Color
Hex	DDFEC7
RGB	221, 254, 199
RGB Percent	87%, 100%, 78%
CMY	0.1350, 0.0057, 0.2213
CMYK	0.13, 0.00, 0.22, 0.01
HSL	96°, 95%, 89%
HSV	96°, 22%, 99%
XYZ	75.2453, 90.0078, 67.1803
YIQ	237.8630, -2.0130, -24.1010

Conversions

Conversions Part 2

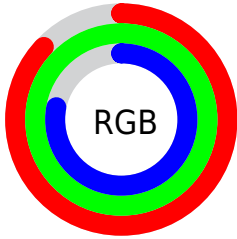
Format	Color
RYB	199, 254, 232
Decimal	14548679
CIELab	96.00, -20.22, 22.84
CIELCh	96, 30.502, 131.516
Yxy	90.0078, 0.3237, 0.3872
Android (android.graphics.Color)	4292738759 (0xFFDDFEC7)
YUV	237.8630, -19.1595, -14.7889
Hunter-Lab	94.8724, -24.4548, 24.4267

Details

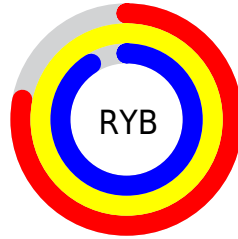
The CIELCh color **96, 30.502, 131.516** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 31.218, 313.434**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 30.371, 131.809** is the 20% darker color. If you saturate the color by 10%, you get **95, 44.490, 131.018**, and if you desaturate by 10%, it is **98, 16.414, 131.994**.

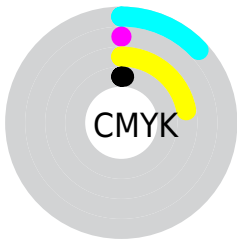
Distribution



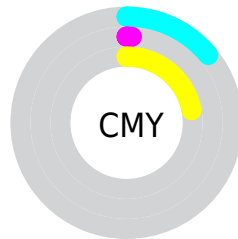
- Red (87%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (14%)
- Magenta (1%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 30.502, 131.516 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, 30.502, 131.516 by changing the saturation by 10% instead.


 96, 30.502,
131.516


 96, 30.502,
131.516


 100, 30.502,
131.516


 86, 30.502,
131.516

 76, 30.502,
131.516

 66, 30.502,
131.516

 56, 30.502,
131.516

 46, 30.502,
131.516

 36, 30.502,
131.516

 26, 30.502,

131.516

■ 16, 30.502,
131.516

■ 6, 30.502, 131.516

■ 96, 30.502,
131.516

■ 96, 30.502,
131.516

■ 95, 44.490,
131.018

■ 98, 16.414,
131.994

■ 93, 58.185,
130.517

■ 99, 2.349, 132.494

■ 92, 71.325,
130.055

100, 0.903,
324.131

■ 91, 83.534,
129.700

■ 90, 94.299,
129.555

■ 90, 103.008,
129.752

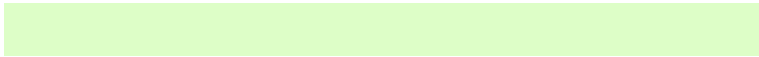
■ 89, 109.132,
130.409

■ 89, 112.362,
131.263

Harmonies

Complementary

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



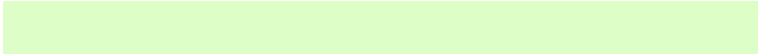
96, 30.502, 131.516



84, 31.218, 313.434

Rectangle

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



96, 30.502, 131.516



96, 30.502, 181.516



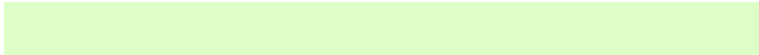
96, 30.502, 311.516



96, 30.502, 1.516

Sweetspot

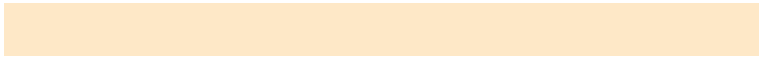
The Sweet Spot groups the original color and five complimentary colors.



96, 30.504, 131.518



99, 9.860, 132.210



93, 18.942, 82.577



53, 6.409, 132.182



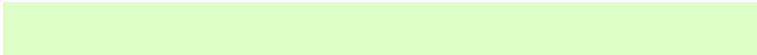
0, 0.000, 0.000



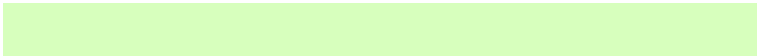
53, 0.007, 296.813

Same Dimension

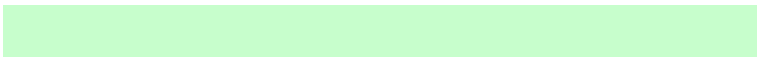
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 30.504, 131.518



96, 36.729, 131.304



95, 32.203, 145.797



52, 8.017, 132.095



69, 90.629, 131.006



23, 40.249, 129.615

Inverse Universe

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



84, 31.218, 313.434



82, 37.767, 313.637



86, 32.254, 328.536



49, 8.106, 312.875



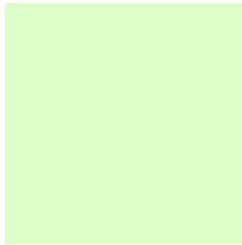
33, 98.400, 314.385



7, 44.664, 315.670

Previews

White Background



This preview shows how the CIE LCh color 96, 30.502, 131.516 looks on a white background.

Color Contrast Check

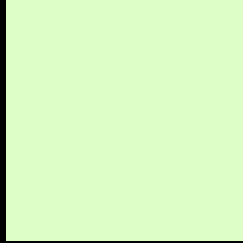
Large Text (above 18pt) WCAG AA × Fail

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, 30.502, 131.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

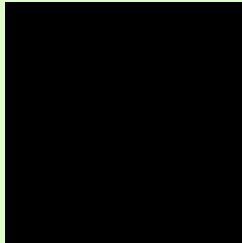
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

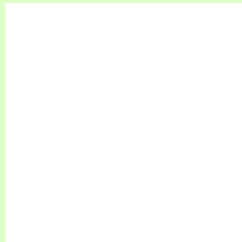
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 30.502, 131.516

Background



This preview shows how black text looks on a background with the CIELCh color 96, 30.502, 131.516.

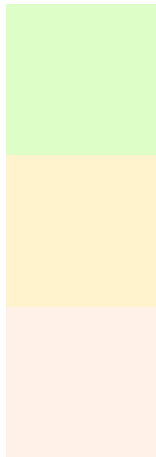


This preview shows how white text looks on a background with the CIELCh color 96, 30.502, 131.516.

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, 30.502, 131.516

Protanopia

96, 19.389, 95.245

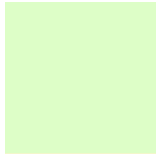
Deuteranopia

96, 6.777, 56.644

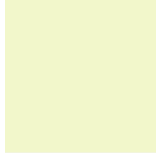


Tritanopia
96, 6.227, 264.506

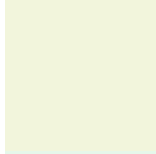
Trichromacy



Original Color
96, 30.502, 131.516



Protanomaly
96, 22.453, 113.214



Deuteranomaly
96, 12.807, 114.086

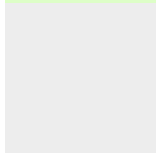


Tritanomaly
96, 9.018, 151.379

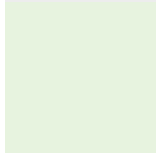
Monochromacy



Original Color
96, 30.502, 131.516



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 11.155, 132.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 30.502, 131.516 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(221, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(221, 254, 199)  
}
```

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(221, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 254, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 30.502, 131.516 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(221, 254, 199) }
```

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

```
.border{ border-color:rgb(221, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(221, 254,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 30.502, 131.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 254, 199) }
```

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

```
.background{ background-color: rgb(221,  
254, 199) }
```

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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