

Converting Colors

CIELCh(96, 27.643, 133.345)

Have a look what the booklet for
CIELCh(96, 27.643, 133.345)
contains.

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Color

CIElCh(96, 27.598, 133.366)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDFDCC |
| RGB | 221, 253, 204 |
| RGB Percent | 87%, 99%, 80% |
| CMY | 0.1332, 0.0077, 0.1999 |
| CMYK | 0.13, 0.00, 0.19, 0.01 |
| HSL | 99°, 93%, 90% |
| HSV | 99°, 19%, 99% |
| XYZ | 75.8654, 90.0078, 70.5198 |
| YIQ | 237.8460, -3.3430, -22.0230 |

Conversions

Conversions Part 2

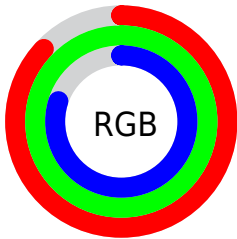
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 204, 253, 236 |
| Decimal | 14548428 |
| CIELab | 96.00, -18.95, 20.06 |
| CIELCh | 96, 27.598, 133.366 |
| Yxy | 90.0078, 0.3209, 0.3808 |
| Android (android.graphics.Color) | 4292738508 (0xFFDDFDCC) |
| YUV | 237.8460, -16.6861, -14.7739 |
| Hunter-Lab | 94.8724, -23.2880, 22.3398 |

Details

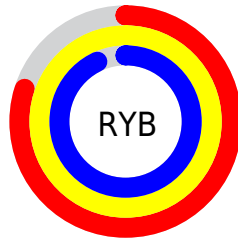
The CIELCh color **96, 27.598, 133.366** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 28.087, 315.055**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 27.181, 133.150** is the 20% darker color. If you saturate the color by 10%, you get **94, 41.828, 132.857**, and if you desaturate by 10%, it is **98, 13.313, 133.846**.

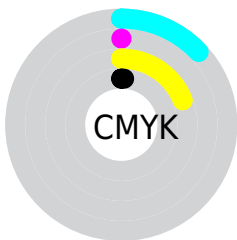
Distribution



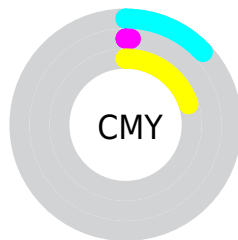
- Red (87%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)




- Cyan (13%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 27.598, 133.366 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, 27.598, 133.366 by changing the saturation by 10% instead.


 96, 27.598,
133.366


 96, 27.598,
133.366

 100, 27.598,
133.366


 86, 27.598,
133.366

 76, 27.598,
133.366

 66, 27.598,
133.366

 56, 27.598,
133.366

 46, 27.598,
133.366

 36, 27.598,
133.366

 26, 27.598,

133.366

■ 16, 27.598,
133.366

■ 6, 27.598, 133.366

■ 96, 27.598,
133.366

■ 96, 27.598,
133.366

■ 94, 41.828,
132.857

■ 98, 13.313,
133.846

■ 93, 55.814,
132.327

■ 99, 0.908, 314.037

■ 92, 69.306,
131.812

100, 1.228,
324.233

■ 91, 81.945,
131.372

■ 90, 93.240,
131.099

■ 89, 102.584,
131.119

■ 89, 109.392,
131.562

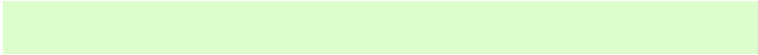
■ 88, 113.565,
132.429

■ 88, 113.787,
132.484

Harmonies

Complementary

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



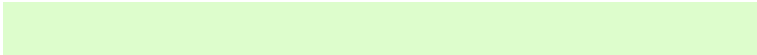
96, 27.598, 133.366



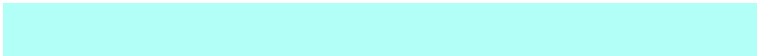
86, 28.087, 315.055

Rectangle

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



96, 27.598, 133.366



96, 27.598, 183.366



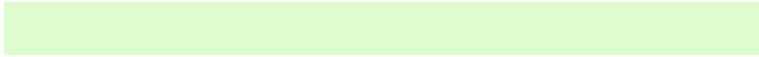
96, 27.598, 313.366



96, 27.598, 3.366

Sweetspot

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



96, 27.600, 133.367



99, 8.566, 134.003



94, 17.569, 87.267



53, 5.684, 133.972



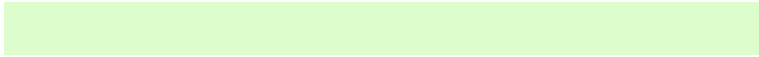
0, 0.000, 0.000



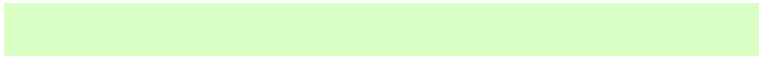
53, 0.007, 296.813

Same Dimension

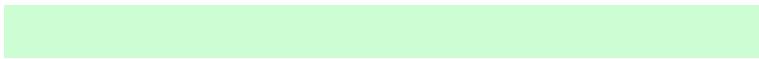
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 27.600, 133.367



96, 32.991, 133.185



95, 27.696, 147.521



52, 8.132, 133.839



68, 91.932, 132.249



23, 40.833, 130.997

Inverse Universe

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



86, 28.087, 315.055



84, 33.681, 315.220



87, 27.769, 330.012



49, 8.209, 314.615



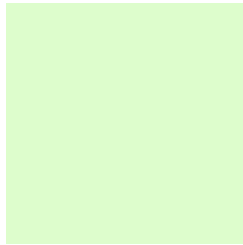
34, 97.338, 315.901



8, 44.404, 317.169

Previews

White Background



This preview shows how the CIELCh color 96, 27.598, 133.366 looks on a white background.

Color Contrast Check

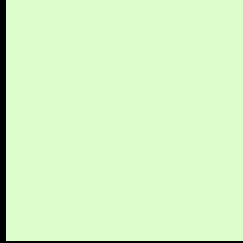
Large Text (above 18pt) WCAG AA × Fail

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, 27.598, 133.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

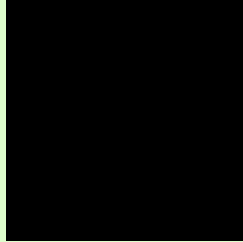
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

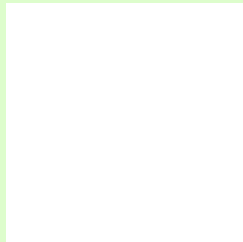
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 27.598, 133.366

Background



This preview shows how black text looks on a background with the CIELCh color 96, 27.598, 133.366.

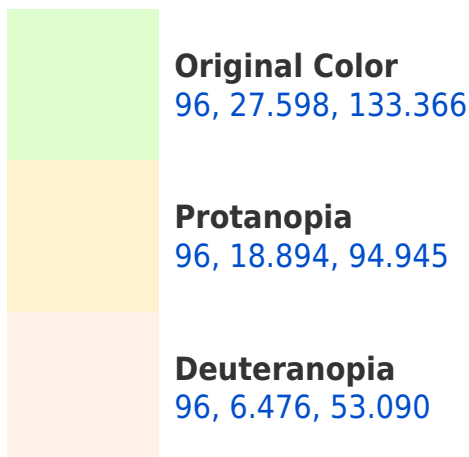


This preview shows how white text looks on a background with the CIELCh color 96, 27.598, 133.366.

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



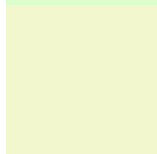


Tritanopia
96, 6.227, 264.506

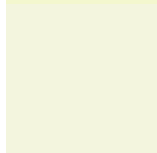
Trichromacy



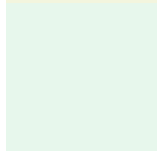
Original Color
96, 27.598, 133.366



Protanomaly
96, 20.909, 112.645



Deuteranomaly
96, 11.760, 112.812

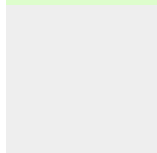


Tritanomaly
96, 8.018, 154.390

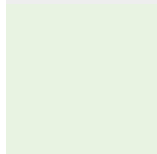
Monochromacy



Original Color
96, 27.598, 133.366



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 9.595, 133.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 27.598, 133.366 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, 253, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 253, 204)  
}
```

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, 253, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 253, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 27.598, 133.366 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, 253, 204) }
```

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

```
.border{ border-color:rgb(221, 253, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 253, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 253, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 253, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 253,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 27.598, 133.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 253, 204) }
```

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

```
.background{ background-color: rgb(221,  
253, 204) }
```

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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